

Volume

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R0534

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Of the Meridian,

the State of

EXECUTED BY

under special instructions dated, 19....., which provided

for the surveys included under Group No., approved

and assignment instructions dated, 19.....

Survey commenced, 19.....

Survey completed, 19.....

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Of the Meridian,

the State of

EXECUTED BY

Under special instructions dated, 19....., which provided

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and assignment instructions dated, 19.....

Survey commenced, 19.....

Survey completed, 19.....

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Of the Meridian,

the State of

EXECUTED BY

under special instructions dated, 19....., which provided

for the surveys included under Group No., approved

and assignment instructions dated, 19.....

Survey commenced, 19.....

Survey completed, 19.....

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

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ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

Independent Resurvey of a Portion of the S. Bdy.,

and

Dependent Resurvey of the N. Bdy. and a Portion of the E. Bdy.,

and

Survey of a Portion of the Subdivision

of

Township 18 South, Range 13 East.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Kenneth F. Hansen

Cartographer-Cadastral

under special instructions dated May 20, 1954, which provided

for the surveys included under Group No. 398, approved July 15, 1954

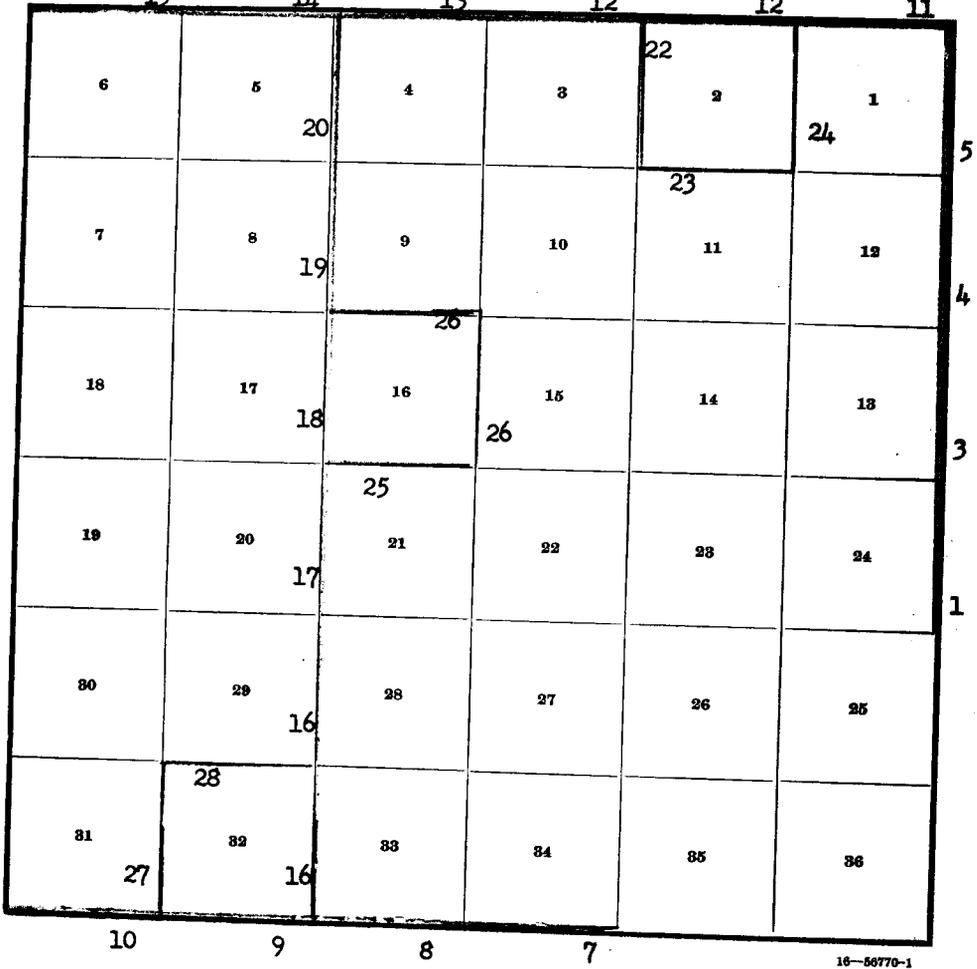
and assignment instructions dated July 16, 1954.

Survey commenced August 11, 1954.

Survey completed September 22, 1954.

INDEX DIAGRAM

Township 18 South, Range 13 East
 15 14 13 12 12 11



1035

Portions of the Boundaries and Subdivisions,
T. 18 S., R. 13 E.

Chains

All boundaries of T. 18 S., R. 13 E., were surveyed by A. D. Ferron during the years 1882 and 1884. The west $2\frac{1}{2}$ miles and the east $1\frac{1}{2}$ miles of the north boundary were resurveyed by F. E. Baxter, in 1894. The west boundary of the township, or Clarks Valley Guide Meridian, was resurveyed by J. W. Dougall in 1913. J. C. Thoma, in 1923, resurveyed the east 2 miles of the south boundary and the south 2 miles of the east boundary in conjunction with the survey of sections 25, 26, 35, and 36 of the township.

This survey is initiated upon the request of officials of the State of Utah for the location of those sections within the township that normally are designated State School Sections.

The survey was executed with a light mountain solar transit made by Buff and Buff, serial number 18003, property of the Bureau of Land Management. The instrument is equipped with a telescopic solar attachment and conforms to the standard instrument specifications of the Bureau of Land Management. The instrument was maintained in satisfactory adjustment during the progress of the survey.

Measurements were made with narrow steel tapes, 5 and 8 chains in length; each tape is graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a 1 chain standard steel tape and found correct. Measurements were made on the slope and the vertical angles were determined by clinometers in good adjustment; the field notes record the horizontal equivalents.

The direction of all lines herein reported were determined by deflecting from a meridian established by an observation on Polaris, and were augmented by numerous altitude observations on the sun at frequent intervals through the survey.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established were calculated to be at the positions they would occupy if the entire township were subdivided.

The geographic position for the southeast corner of this township is in latitude $39^{\circ} 12' N.$, and longitude $110^{\circ} 23' 59'' W.$, as determined from U. S. G. S. Woodside Quadrangle.

The magnetic declination averaged from several readings at favorable locations throughout the township is $16^{\circ} E.$

Dependent Resurvey of the West Boundary, T. 18 S., R. 14 E.

Reestablishment of the Survey Executed by A. D. Ferron, Deputy Surveyor, in 1884, and the establishment of cors. for T. 18 S., R. 13 E. at regular intervals of latitude north from the cor. of secs. 24 and 25, T. 18 S., R. 13 E.

Beginning at the cor. of secs. 19 and 30, on the west bdy. of T. 18 S., R. 14 E. which is mkd. by an iron post 2 ins. diam., extending 6 ins. above the ground, set, mkd. and witnessed as described in the 1923 Resurvey Record of W. bdy. of T. 18 S., R. 14 E.; and from which the cor. of secs. 24 and 25, on the east bdy. of T. 18 S., R. 13 E., mkd. by an iron post 2 ins. diam., set, mkd. and witnessed as described in the same record, bears S. $07^{\circ} 04' W.$, 3.06 chs. distant (Record bearing and distance is S. $02^{\circ} 42' W.$, 3.06 chs.)

N. $0^{\circ} 39' W.$, along the W. bdy. of sec. 19, T. 18 S., R. 14 E.

Over broken bench land; ascend 70 ft. over SE slope.

Dependent Resurvey, W. Bdy., T.18 S., R.14 E.

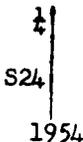
Chains

9.15 Rim of bench, brs. SW. and NE.; continue across nearly level bench land.

14.65 Rim of bench, brs. E. and W.; descend 105 ft. over broken N. slope.

36.94 Point for the $\frac{1}{4}$ cor. of sec. 24, T. 18 S., R. 13 E.

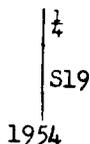
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.



Raise a md. of stone 2 ft. base, 16 ins. high, W. of cor. post.

40.72 Point for the $\frac{1}{4}$ cor. of sec. 19, on the W. bdy., T. 18 S., R. 14 E., at proportionate distance. There is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground with brass cap mkd.



Raise a md. of stone 2 ft. base, 18 ins. high, E. of cor. post.

Ascend 60 ft. over steep black clay S. slope.

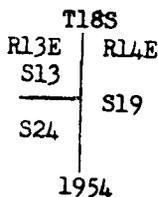
44.55 Top of clay ridge, brs. E. and W., descend 40 ft. over steep N. slope.

54.58 Wash, drs. E. from W., 20 lks. wide, 6 ft. deep; ascend 35 ft. over a S. slope.

69.65 Ridge, brs. E. and W.; cross series of small ridges.

76.94 Point for the cor. of secs. 13 and 24, T. 18 S., R. 13 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

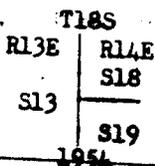


Raise a md. of stone $2\frac{1}{2}$ ft. base, 18 ins. high, W. of cor. post.

77.17 Ridge brs. E. and W.; descend 30 ft. over N. slope.

81.44 Point for the cor. of secs. 18 and 19, T. 18 S., R. 14 E. at proportionate distance. There is no evidence of original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.



Dependent Resurvey, W. Bdy., T. 18 S., R. 14 E.

Chains

Raise a md. of stone, 2 ft. base, 18 ins. high, E. of cor. post.

Land, broken bench terrain.

Soil, black clay capped with conglomerate on benches.

Timber, none.

Undergrowth, sparse grass and desert sage in valleys.

N. 0° 39' W., along the W. bdy. of sec. 18, T. 18 S., R. 14 E.

Across broken land; gradual descent over general NW. slope.

32.81 Wash, drs. N. 70° W., 80 lks. wide, 7 ft. deep; ascend gradual SW. slope.

35.50 Point for the $\frac{1}{4}$ cor. of sec. 13, T. 18 S., R. 13 E.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 |
 S13
 |
 1954

Raise a md. of stone, $2\frac{1}{2}$ ft. base, 18 ins. high. W. of cor. post.

Ascend a gradual SW. slope.

40.71 The $\frac{1}{4}$ cor. of sec. 18, T. 18 S., R. 14 E., monumented by a shale rock 9x6x3 ins., with $\frac{1}{4}$ chisled on face and in a small mound of stone.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 |
 S18
 |
 1954

Bury original cor. stone on N. side of iron post.

Raise a md. of stone, $2\frac{1}{2}$ ft. base, 16 ins. high, E. of cor. post.

N. 0° 15' E., beginning new measurement.

Over steep clay hill and bench land; ascend 12 ft. over steep SE. slope.

0.99 Top of clay spur, projects N. 40° E. 400 lks.; descend 60 ft. over broken NW. slope.

4.72 End of descent; continue across flat rocky terrain.

12.96 Rim of bench, brs. general E. and W. direction; descend 50 ft. over broken rocky N. slope.

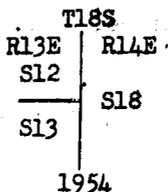
16.86 Wash, drs. NE. from SE., $\frac{1}{2}$ lks. wide, 2 ft. deep; ascend gradual SW. slope.

30.60 Clay ridge, brs. N. 75° E. and W.; descend 40 ft. over loose black clay N. slope.

34.79 Point for the cor. of secs. 12 and 13, T. 18 S., R. 13 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

Chains

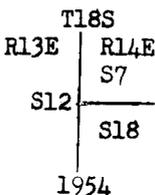


Raise a md. of stone, 3 ft. base, 24 ins. high, W. of cor. post.

39.99 The cor. of sec. 7 and 18, T. 18 S., R. 14 E., monumented by a sandstone rock (8x8x16 ins.) mkd. by very dim notches on rock's edges, and in a scattered group of four stones.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.



Bury original cor. stone on N. side of iron post.

Raise a md. of stone, 3 ft. base 20 ins. high, E. of cor. post.

Land, bench land and clay ridges.

Soil, black clay and conglomerate.

Timber, none.

Undergrowth, sparse grass and desert sage.

N. 0° 33' E., along W. bdy. of sec. 7, T. 18 S., R. 14 E.

Over clay hills and bottom land; ascend 30 ft. over steep SW. slope.

1.67 Top and W. edge of a black clay knoll; descend 30 ft. over very soft NW. clay slope.

5.22 Base of knoll; continue across wide valley, moderate undergrowth.

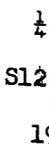
7.72 Graded dirt road; brs. N. 70° E., and S. 70° W.; continue across bottom land.

19.71 Summerville Wash, 100 lks. wide, 5 ft. deep, drs. N. 65° E.

29.81 Wash, 20 lks. wide, 4 ft. deep, drs. N. 75° E.

34.80 Point for the ¼ cor. sec. 12, T. 18 S., R. 13 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground with brass cap mkd.



Raise a md. of stone, 2½ ft. base, 24 ins. high, W. of cor. post.

Continue over valley bottom land.

35.71 Rut road; brs. in general S. 50° E., and N. 50° W. direction.

Dependent Resurvey, W. Bdy. T. 18 S., R. 14 E.

Chains

40.21 The $\frac{1}{4}$ cor. of sec. 7, T. 18 S., R. 14 E., monumented by a sandstone rock (3x6x15 ins.) mkd. with a chisled $\frac{1}{4}$ on face of rock, and in a small md. of stone.

At the cor. point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

```

      |
      |  $\frac{1}{4}$ 
      |
      | S7
      |
      |
      | 1954
  
```

Bury original cor. stone on N. side of iron post.

Raise a md. of stone, 3 ft. base, 24 ins. high, E. of cor. post.

N. $0^{\circ} 07'$ E., along the W. bdy. of sec. 7, T. 18 S., R. 14 E. beginning new measurement.

Ascend 25 ft. over a SW. talus slope.

9.96 Base of shale cliff; ascend 110 ft. over nearly vertical SW. slope.

11.56 Rim of cliff, brs. S. 40° E. and N. 40° W.; continue across nearly level shale bench, no vegetation.

34.59 Point for the cor. of secs. 1 and 12, T. 18 S., R. 13 E.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

```

      T18S
      |
  RL3E | RL4E
      | |
      | S1 |
      |---|
      | S12 |
      | |
      | |
      | 1954
  
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Raise a md. of stone, $2\frac{1}{2}$ ft. base 18 ins. high, W. of cor. post.

40.41 Point for the cor. of secs. 6 and 7, T. 18 S., R. 14 E., at proportional distance. There is no remaining evidence of the original cor.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

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      T18S
      |
  RL3E | RL4E
      | |
      | S6 |
      |---|
      | S1 |
      | |
      | S7 |
      | |
      | 1954
  
```

Raise a md. of stone, 3 ft. base, 24 ins. high, E. of cor. post.

Land, shale hills and valley bottom land.

Soil, shale and clay.

Timber, none.

Undergrowth, desert sage and bunch grass in valley.

N. $0^{\circ} 07'$ E., along the W. bdy. of sec. 6, T. 18 S., R. 14 E.

Dependent Resurvey, W. Bdy., T. 18 S., R. 14 E.

Chains	
	Over broken, erroded shale hills.
1.93	Rim of bench, brs. in general E. and W. direction; descend 95 ft. over loose shale N. slope.
12.11	Wash, 20 lks. wide, 5 ft. deep, drs. S. 80° E.; continue across bottom valley land, moderate undergrowth.
25.03	Wash, 12 lks. wide, 2 ft. deep, drs. S. 70° E.; ascend 80 ft. over steep loose shale SW. slope.
28.33	Top of ridge, brs. S. 50° E. and N. 50° W.; continue across bench terrain, no vegetation.
34.18	Point for the $\frac{1}{4}$ cor. of sec. 1, T. 18 S., R. 13 E. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ S1 1954 </div>
	Raise a md. of stone, $2\frac{1}{2}$ ft. base, 18 ins. high, W. of cor.post.
40.41	Point for the $\frac{1}{4}$ cor. of sec. 6, T. 18 S., R. 14 E., at proportionate distance. There is no remaining evidence of the original corner. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ S6 1954 </div>
	Raise a md. of stone, 2 ft. base, 18 ins. high, E. of cor.post. Continue across bench terrain.
42.20	Rim of bench, brs. S. 70° W., and N. 60° E.; descend 105 ft. over loose black shale NW. slope;
47.57	Bottom of slope; general descent over rolling shale hills.
49.27	Wash, 6 lks. wide, 2 ft. deep, drs. N. 50° E.
65.69	Wash, 15 lks. wide, 4 ft. deep, drs. N. 35° E.
70.76	Wash, 11 lks. wide, 2 ft. deep, drs. S. 70° E.
74.18	Lot cor., established 80 chs. latitude north of the cor. of secs. 1 and 12, T. 18 S., R. 13 E. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground with brass cap mkd. <div style="text-align: center;"> $\frac{1}{16}$ S1 80.00 1954 </div>
	Raise a md. of stone, 2 ft. base, 15 ins. high, W. of cor.post.

Dependent Resurvey, W. Bdy. T. 18 S., R. 14 E.

Chains

80.82

The cor. of Tps. 17 and 18 S., Rs. 13 and 14 E., monumented by a sandstone rock, (4x8x14 ins.) half buried upright in the ground, mkd. by 6 chisled notches on 4 edges, and in a small md. of stone.

At the cor. point.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground with brass cap mkd.

T17S	
R13E	R14E
S36	S31
SI S6	
T18S	
1954	

Bury original cor. stone on N. side of iron post.

Raise a md. of stone, 4 ft. base, 30 ins. high, S. of cor. post.

Land, black shale hills and benches.

Soil, shale.

Timber, none.

Undergrowth, desert sage and greasewood in valleys only.

Independent Resurvey, S. Bdy, T. 18 S., R. 13 E.

Independent Resurvey, Superseding the Survey Executed by A. D. Ferron, Deputy Surveyor, in 1884 and that portion resurveyed by Frank Baxter, Deputy Surveyor in 1894.

No stone corners set during the original survey were relocated by this independent resurvey.

Beginning at the cor. of secs. 34 and 35, on the S. Bdy. of T. 18 S. R 13 E., which is mkd. by an iron post, 2 ins. diam., firmly set in a large md. of stone, 3 ft. base, 30 ins. high, mkd. and witnessed as described in the official record.

West, along the S. bdy, of sec. 34.

Across large sandstone and conglomerate boulders in valley bottom.

3.39

The cor. of secs. 2 and 3, on the N. bdy. of T. 19 S., R. 13 E., which is mkd. by an iron post, 2 ins. diam., set in large md. of stones, 3 ft. base, 28 ins. high, properly mkd. and witnessed as described in the official record.

Ascend 15 ft. over a rocky SE. slope.

10.20

Wash, 20 lks. wide, 4 ft. deep, drs. N. 60° E.; ascend 125 ft. over a rocky broken SE. to E. slope.

25.67

Rim of canyon, brs. N. 20° W. and S. 20° E.; ascend 20 ft. over a gradual NE. slope.

32.64

Top of ridge; brs. N. 10° W. and S. 20° E; descend 34 ft. over broken W. slope.

40.00

Point for the ¼ cor. of sec. 34, falls on N. slope of a small clay spur.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to solid slate, with brass cap mkd.

Independent Resurvey, S. Edy. T. 18 S., R. 13 E.

Chains

1/4 S34

1954

Raise a md. of stone, 2 ft. base, 18 ins. high, N. of cor. post.

Descend 50 ft. over rocky SW. slope with exposed patches of bedrock.

44.60 Enter scattered timber.

63.29 Top of white sandstone cliff, brs. N. 10° E. and S. 20° W.; descend 60 ft. over face of cliff.

67.29 Base of cliff, descend 20 ft. over W. talus slope.

71.20 Wash, 10 lks. wide, 4 ft. deep, drs. in general N. direction; ascend 20 ft. over short E. slope.

72.97 Top of sand knoll; descend 30 ft. over gradual W. slope to cor. point.

80.00 Point for the cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground with brass cap mkd.

T18SR13E

S33 | S34

S3

T19S

1954

Raise a md. of stone, 3 ft. base, 24 ins. high, N. of cor. post.

Land, broken in the E., rolling in the W. 1/2 mile.
 Soil, sandy and rocky with patches of blue clay.
 Timber, Moderate juniper and pinon on W. 1/2 mile.
 Undergrowth, bunch grass, sage brush.

West, along the S. bdy. of sec. 33.

Over rolling land, heavy grass growth and moderate timber.

3.70 Wash, 25 lks. wide, 3 ft. deep, drs. N. 20° W.; continue over rolling terrain.

12.40 Small drainage, drs. N.

27.20 Rut road, brs. S. 75° W. and N. 75° E.

40.00 Point for the 1/4 cor. of sec. 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 21 ins. in the ground with brass cap mkd.

1/4 S33

1954

from which

A pinon, 8 ins. diam., brs. N. 12° W., 48 lks. dist., mkd. 1/4 S33BT.

Raise a md. of stone, 2 1/2 ft. base, 18 ins. high, N. of cor. post.

Over a very gradual ascent, flat grassland and through heavy timber growth.

75.80 End of timber, sandstone outcropping.

Independent Resurvey, S. Bdy, T. 18 S., R. 13 E.

Chains

77.08 Top of red sandstone cliff, brs. N. and S. but curves to a W. bearing 7 chs. N.; descend 45 ft. over face of cliff.

80.00 Point for the cor. of sec. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock and in a md. of stone, 3 ft. base to top, with brass cap mkd.

T18SRL3E
S32 | S33

SL
T19S
1954.

No bearing trees available.

Land, flat bench terrain.
Soil, sand.
Timber, pinon and juniper.
Undergrowth, bunch grass.

West, along the S. bdy. of sec. 32.

General descent over rolling terrain, through scattered timber.

13.08 Wash, 20 lks. wide, 2 ft. deep, drs. N. 30° W.

14.20 Wash, 18 lks. wide, 3 ft. deep, drs. N. 10° W.

18.58 Wash, 14 lks. wide, 2 ft. deep, drs. N.; continue across rolling land.

40.00 Point for the ¼ cor. of sec. 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

¼ S32

1954

Raise a md. of stone, 2½ ft. base, 20 ins. high, N. of cor. post.

Across very sandy rolling terrain with patches of sandstone outcroppings, through scattered timber.

50.50 Crest of sand knoll, brs. N. and S.; descend 30 ft. over sand dunes through heavy timber growth.

58.10 Top of cliff, brs. N. and S.; descend 20 ft. over face of cliff.

60.00 Base of cliff and talus slops; gradual descent over rolling land.

70.18 Graded road (Oil Co. road) brs. N. 10° W. and S. 10° E.

80.00 Point for the cor. of secs. 31 and 32.

Set an iron post 30 ins. long, 2½ ins. diam., 23 ins. in the ground with brass cap mkd.

T18SRL3E
S31 | S32

S5
T19S
1954

Raise a md. of stone, 2 ft. high, 16 ins. high, N. of cor. post.

Independent Resurvey, S. bdy., T. 18 S., R. 13 E.

Chains

Land, rolling terrain.
Soil, sandy.
Timber, heavy growth pinon and juniper E. $\frac{1}{2}$ mile.
Undergrowth, bunch grass.

601200

80.00

West, along the S. bdy. of sec. 31

Across rolling terrain, grass land.

24.50 Ungraded road, brs. S. 40° W. and N. 30° E.; continue over rolling Terrain.

40.00 Point for the $\frac{1}{4}$ cor. of sec. 31, falls on sandstone outcropping.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., in a md. of stone, 2 $\frac{1}{2}$ ft. base to top of post, with brass cap mkd.

$\frac{1}{4}$ S31

1954

No suitable bearing trees available.

Ascend over broken land, through scattered timber.

43.40 Wash, 100 lks. wide, 4 ft. deep, drs. N. 50° E.; continue across rolling terrain.

52.77 Base of ascent; ascend 30 ft. over SE. slope.

60.97 Hillside drainage, drs. S. 45° E.; ascend 35 ft. over E. slope.

66.25 Rim of bench, brs. N. 10° E. and S. 10° W.; ascend over gradual E. slope on sandy flats.

80.41 Intersect the E. bdy. of T. 19 S., R. 12 E.; point for the closing corner of Tps. 18 and 19 S., R. 13 E.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 23 ins. in the ground with brass cap mkd.

		T18S	
T19S		RL3E	
		S31	
SL		cc	
		S6	
RL2E		T19S	
		1954	

Raise a md. of stone, 2 $\frac{1}{2}$ ft. base, 24 ins. high, E. of cor. post.

From this cor. the cor. originally established for Tps. 18 and 19 S. R. 12 and 13 E., brs. N. 12.92 chs. distant, and is an iron post 3 ins. in diam. firmly set in a large md. of stone to top, mkd. and witnessed as described in the official record. That cor. now functions for Tps. 18 and 19 S., R. 12 E. only. I altered the markings on the brass cap to read..

		T18S	
RL2E		RL3E	
S36			
		S31	
SL			
T19S			
		1913	

Dependent Resurvey of the South Boundary of Township 17 South, Range 13 East

Dependent Resurvey, S. Bdy., T. 17 S., R. 13 E.

Chains

Reestablishment of the Survey Executed by A.D. Ferron, Deputy Surveyor, in 1884, and the re-survey in part by F. E. Baxter, Deputy Surveyor, in 1894.

Beginning at the cor. for Tps. 17 and 18 S., Rs. 13 and 14 E.

N. 89° 18' W., along the S. bdy. Sec. 36.

Ascend 50 ft. over steep SE. shale slope.

3.65 South edge of clay hill; descend 30 ft. over SW. slope.

10.00 Wash, 10 lks. wide, 3 ft. deep, drs. N. 20° E.; ascend 25 ft. over steep E. slope.

14.90 Top of saddle in small range of black shale hills which brs. N. and S.; descend over steep W. slope into broad flat valley.

18.98 Wash, 30 lks. wide, 8 ft. deep; drs. N. 20° E.

31.50 Ungraded road, brs. N. and S.; ascend 30 ft. over pillow soft white clay hills.

39.87 The 1/4 cor. of sec. 36 which is mkd. by a small md. of stone. Erosion has erased all distinguishing mks. from every stone in the mound. No other rocks in vicinity.

At the cor. point.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 23 ins. in the ground with brass cap mkd.

1/4 S36

1954

Raise a md. of stone, 2 ft. base, 16 ins. high, N. of cor. post.

N. 89° 17' W., beginning new measurements.

Ascend 70 ft. over E. slope of rolling clay hills into broken mt. land.

16.00 Rim of canyon, brs. S. 75° E., and N. 85° W.; descend 70 ft. over steep SW. slope into canyon.

19.00 Wash in canyon, 30 lks. wide, 6 ft. deep, drs. S. 70° E. from W.; continue along bottom of canyon in wash.

23.30 Wash, drs. E. from S. 80° W. and N. 80° W.; descend gradual SW. slope.

40.06 The cor. of secs. 35 and 36 mkd. by a md. of stone found on the side of a S. shale slope. Highly eroded center stone in md. had dim evidence of chisled notches on corner edges.

At the cor. point.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 23 ins. in the ground with brass cap mkd.

T17SR13E
S35 | S36

—
S1
T18SR13E
1954

Dependent Resurvey, S. Bdy., T. 17 S., R. 13 E.

Bury original cor. stone on N. side of iron post.

Raise a md. of stone, 3 ft. base, 24 ins. high, N. of cor. post.

Land, clay hills and valley E. $\frac{1}{2}$ mile, broken W. $\frac{1}{2}$ mile.
Soil, shale and clay and boulders.
Timber, scattered juniper W. $\frac{1}{2}$ mile only.
Undergrowth, greasewood and bunch grass.

N. 89° 32' W., along the S. Bdy. of sec. 35.

Ascend over broken mountain land.

3.60 Wash, 10 lks. wide, 3 ft. deep, drs. S. 20° E.; ascend 60 ft. over a broken rocky SE. slope over a series of small ledges.

25.06 Rim of canyon, brs. S. 80° E. and N. 75° W.; descend 100 ft. over a steep, rocky SW. slope.

34.61 Side wash, empties into main wash, 9 chs. S.; drs. S. from N.; descend 35 ft. over S. slope.

40.028 Point for the cor. of sec. 35, T. 17 S., R. 13 E., at proportionate distance, falls on a boulder strewn S. slope. There is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., and in a large md. of stone, 5 ft. base to top, with brass cap mkd.

± S35
1954

46.00 Wash, 20 lks. wide, 4 ft. deep, drs. S. 50° E.; ascend 200 ft. over rocky SE. slope.

68.00 Wash, 13 lks. wide, 2 ft. deep, drs. S.

72.00 Summit, divide bet. several drainage systems draining easterly; descend over gradual rolling NW. slope.

80.05 The cor. of secs. 34 and 35, mkd. by a granite rock, (8x12x28 ins.) with chisled notches on edges and in the center of a small md. of stone.

At the cor. point.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 23 ins. in the ground with brass cap mkd.

T17SR13E
S34 | S35
S2
T183
1954

Bury the original cor. stone alongside the corner post.

Raise a md. of stone, 3 ft. base, 30 ins. high, N. of cor. post.

Land, broken.
Soil, sand and clay, with large boulders.
Timber, sparse pinon and juniper.
Undergrowth, greasewood, desert sage, and bunch grass.

N. 89° 23' W., along the S. bdy. of sec. 34.

Ascend over rolling mountain terrain.

Dependent Resurvey, S. Bdy., T. 17 S., R. 13 E.

Chains

- 7.10 Wash, 10 lks. wide, 3 ft. deep, drs. N. 70° E.; ascend 160 ft. over broken SE. to E. slope.
- 25.20 Top of ascent; descend 40 ft. over gradual rolling W. slope.
- 40.22 The $\frac{1}{4}$ cor. of sec. 34, mkd. by a (3x8x15 ins.) sandstone, mkd. with chisled $\frac{1}{4}$ on face, and in a small md. of stone.
- At the cor. point.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid bedrock, and in a md. of stone, with brass cap mkd.
- $\frac{1}{4}$ S34

1954
- Bury original cor. stone, along N. side of cor. post.
-
- N. 89° 19' W., beginning new measurement.
- Across rolling mountain terrain, through scattered timber.
- 18.00 Base of white sandstone cliff, brs. S. 20° W. and N. 20° E.; ascend 70 ft. over face of cliff.
- 27.92 Top of cliffs; ascend gradual E. slope, through heavy timber growth.
- 34.00 Leave timber, continue across sandstone outcropping.
- 40.75 The cor. of secs. 33 and 34, mkd. by a sandstone rock, (6x8x12 ins.) with chisled notches on cor. edges, and in a small md. of stone.
- At the cor. point.
- Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.
- T17SR13E
S33 | S34

S3
T18S
1954
- Bury original cor. stone, on N. side of iron post.
- Raise a md. of stone, 3 $\frac{1}{2}$ ft. base, 24 ins. high, N. of cor. post.
- Land, rolling mt. terrain.
Soil, sandy with patches of exposed bedrock.
Timber, juniper and pinon.
Undergrowth, desert sage and bunch grass.
-
- N. 89° 14' W., along the S. bdy. of sec. 33.
- Over broken bench terrain; ascend 60 ft. over E. slope to top of cliff.
- 4.50 Top of cliff, brs. N. and S.; descend 170 ft. over face of cliff.
- 4.78 Base of cliff; descend 55 ft. over steep, rocky W. talus slope.
- 13.23 Wash, 18 lks. wide, 4 ft. deep, drs. N. from S.
- 17.45 Wash, 12 lks. wide, 3 ft. deep, drs. N. 35° E. and connects to preceding wash at 4 chs. N.; ascend rolling bench land, through scattered timber.

Dependent Resurvey, S. Edy., T. 17 S., R. 13 E.

chains

40.63

The $\frac{1}{4}$ cor. of sec. 33, which is mkd. by a small md. of highly eroded sandstone rocks on surface of exposed bedrock. No recognizable markings found on stones. Dim evidence of chisled (X) on bedrock surface under md. of stones.

At the cor. point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., in a large md. of stones, 4 ft. base, to top, with brass cap mkd.

$\frac{1}{4}$ S33

1954

N. $88^{\circ} 57'$ W., beginning new measurement.

Ascend 75 ft. over sandstone ledges and rolling sand hills, through moderate timber.

23.75

Crest of hill; descend 50 ft. over small sandstone outcropping ledges and gentle W. slope, through scattered timber.

34.75

End of timber; descend 25 ft. over steep W. slope.

36.98

Top of red sandstone cliff, brs. N. and S.; descend 110 ft. over face of cliff.

39.75

Base of cliff.

40.18

The cor. of secs. 32 and 33, mkd. by a large md. of stone built between two large sandstone boulders, and with the center rock, (8x8x36 ins.) black shale stone, giving evidence of chisled notches on cor. edges.

At the cor. point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., in a large md. of stone wedged between two large sandstone boulders, with brass cap mkd.

T17SR13E

S32 | S33

S4

T18SR13E

1954

Bury in a md. the original cor. stone along N. side of iron post.

Land, rolling bench terrain separated by high cliffs.
Soil, sandy with large patches of exposed sandstone bedrock.
Timber, moderate juniper and pinon.
Undergrowth, desert sage and bunch grass.

N. $89^{\circ} 38'$ W., along the S. bdy. of sec. 32.

Descend over sandstone ledges onto broad flat plain; descend 30 ft. over rocky talus slope.

3.68

Top of white sandstone ledges; descend 35 ft. over face of ledges onto broad flat sandy plain.

12.00

Wash, 8 lks. wide, 2 ft. deep, drs. N. from S.

12.50

Wash, 10 lks. wide, 3 ft. deep, drs. N. from S. into preceding wash at a distance of 2 chs. N.; continue across flat sandy terrain.

21.00

Wash, 18 lks. wide, 5 ft. deep, drs. N. 29° E.

Dependent Resurvey, S. Bdy., T. 17 S., R. 13 E.

Chains

- 22.50 Wash, 30 lks. wide, 8 ft. deep, drs. N. 30° E. and joins preceding wash at 1 ch. N.
- 27.00 Wash, 30 lks. wide, 2 ft. deep, drs. S. 45° E.
- 40.27 The $\frac{1}{4}$ cor. for sec. 32, mkd. by a (6x9x14 ins.) sandstone rock, illegible markings on face of stone, in a md. of 3 stones with an old cedar post standing on the S. side of the cor. rock.
- At the cor. point.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.
- $\frac{1}{4}$ S32
- 1954
- Bury original cor. stone along N. side of iron post.
- Raise a md. of stone, 3 ft. base, 30 ins. high, N. of cor. post.
-
- N. 89° 24' W., beginning new measurement.
- Continue over rolling sandy plain.
- 2.80 Ungraded road, brs. N. and S.; ascend 35 ft. over rolling sand hills with many small drainages generally draining in a southeast direction.
- 40.12 Point for the cor. of secs. 31 and 32, at proportionate distance. There is no remaining evidence of original corner.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.
- T17SR13E
S31 | S32
S5
T18S
1954
- Raise a md. of stone, $2\frac{1}{2}$ ft. base, 23 ins. high, N. of cor. post.
- Land, rolling plain.
Soil, sandy.
Timber, none.
Undergrowth, bunch grass.
-
- N. 89° 24' W., along the S. bdy. sec. 31.
- Over rolling sand hills.
- 5.88 Wash, 5 lks. wide, 2 ft. deep, drs. S. 2 chs. into main wash, 12 lks. wide, 4 ft. deep, drs. E.
- 20.68 Wash, 4 lks. wide, 2 ft. deep, drains S. 3 chs. into main wash draining E.
- 27.57 Wash, 6 lks. wide, 2 ft. deep, drs. S. 30° E.
- 40.12 Point for the $\frac{1}{4}$ cor. of sec. 31, at proportionate distance. There is no remaining evidence of the original corner.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
- $\frac{1}{4}$ S31
- 1954
- Raise a md. of stone, 3 ft. base, 30 ins. high, N. of cor. post.
- Continue over rolling sand hills in broad valley.

Dependent Resurvey, S. Bdy., T. 17 S., R. 13 E.

Chains

- 46.46 Graded road, Oil Co. road, brs. N. and S.
- 84.42 The closing cor. of Tps. 17 and 18 S., R. 13 E., mkd. by an iron post, 3 ins. diam., extending 10 ins. above the ground, firmly set mkd. and witnessed as described in the official record.
Land, rolling hills.
Soil, sandy.
Timber, none.
Undergrowth, bunch grass.

Survey of Portion of the Subdivision, T. 18 S., R. 13 E.

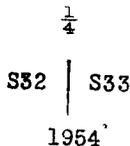
Beginning at the cor. of secs. 32 and 33, on the S. bdy. of T. 18 S., R. 13 E.

N. 0° 02' W. between secs. 32 and 33.

Over projecting spur cliffs and talus slopes; ascend over gradual sandy S. slope.

- 5.83 Base of red sandstone cliff; ascend 40 ft. over face of cliff.
- 6.18 Top of cliff, brs. S. 80° W. and N. 80° E.; ascend very gradual flat bench terrain, enter scattered timber.
- 37.34 Rim of cliff, brs. N. 70° E. and S. 70° W.; descend 25 ft. over face of cliff onto eroded saddle in brown sandstone formation; end of timber.
- 40.00 Point for the $\frac{1}{4}$ cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., and in a large md. of stone, 3 ft. base to top, with brass cap mkd.



- Ascend 25 ft. abruptly to pinnacle-like brown sandstone ridge.
- 41.94 Top of ridge, brs. E. and W.; descend 95 ft. over face of cliff onto a flat rocky bench.
- 45.08 Top of white sandstone ledges, brs. E. and W.; descend 70 ft. over series of ledges onto valley floor.
- 53.20 Wash, 15 lks. wide, 5 ft. deep, drs. N. 60° W.
- 69.58 Wash, 20 lks. wide, 6 ft. deep, drs. N. 15° E.
- 80.00 True point for the cor. of secs. 28, 29, 32, and 33 falls in wash, 20 lks. wide, 5 ft. deep, drs. N. 20° E., and is impracticable to set cor. monument. Witness cor. brs. N. 0° 02' W., 30 lks. distant.
Land, broken with high cliffs.
Soil, sandy.
Timber, scattered pinon and juniper.
Undergrowth, desert sage and bunch grass.

N. 0° 02' W., between secs. 28 and 29. Beginning at true point for corner of secs. 28, 29, 32, and 33.

Over rolling hills and broad valley land.

Portion of the Subdivision, T. 18 S., R. 13 E.

0.30 Point for the witness cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T18SR13E
S29 | S28
—+—
S32 | S33
WC
1954

Raise a md. of stone, 3 ft. base, 24 ins. high, W. of cor. post.

8.65 Base of sandy hill, ascend 40 ft. over SW. slope.

11.02 Top of hill, descend 60 ft. over N. slope.

22.60 Wash, 40 lks. wide; 6 ft. deep, drs. E.

27.50 Side wash, 10 lks. wide, 1½ ft. deep, drs. S. 70° E.; ascend over a gradual SE. slope.

27.50 Base of sandy hill; ascend 50 ft. over steep S. slope.

29.78 Top of hill; descend 65 ft. over broken N. slope.

40.00 Point for the ¼ cor. of secs. 28 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a md. of stone, 3 ft. base to top, with brass cap mkd.

↑
S29 | S28
1954

Ascend 40 ft. over general S. slope.

46.00 Top of ascent; descend 60 ft. into hallow formed by a semi-circular rim of sandstone cliff.

61.50 Wash, 10 lks. wide, 3 ft. deep, drs. W. to NW.; ascend 45 ft. over series of cliffs.

66.35 Top of rim, brs. N. 70° W. and S. 60° E. to semi-circular curvature; descend over general N. slope, through moderate timber growth.

80.00 Point for the cor. of secs. 20, 21, 28, and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a md. of stone, 2½ ft. base to top, with brass cap mkd.

T18SR13E
S20 | S21
—+—
S29 | S28
1954

Land, rolling, partially broken terrain.
Soil, sandy.
Timber, pinon and juniper.
Undergrowth, desert sage, and bunch grass.

N. 0° 02' W., between secs. 20 and 21.

Portion of the Subdivision, T. 18 S., R. 13 E.

chains

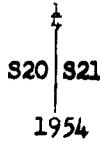
Across open rolling terrain.

7.57 Summerville Wash, 40 lks. wide, 6 ft. deep, drs. E.

32.40 Rut road, brs. N. 60° W. and S. 70° E.

40.00 Point for the $\frac{1}{4}$ cor. of secs. 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.



Raise a md. of stone, 3 ft. base, 24 ins. high, W. of cor. post.

Continue across open rolling terrain.

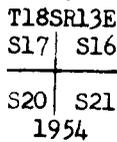
40.52 Wash, 8 lks. wide, 2 ft. deep, drs. N. 40° E.

49.08 Wash, 18 lks. wide, 5 ft. deep, drs. S. 70° E.

63.61 Sandstone outcropping, 10 ft. high, projects 2 chs. W. and E.

80.00 Point for the cor. of secs. 16, 17, 20, and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.



Raise a md. of stone, 3 ft. base, 26 ins. high, W. of cor. post.

Land, rolling.

Soil, sandy.

Timber, scattered pinon and juniper.

Undergrowth, desert sage, and bunch grass.

N. 0° 02' W., between secs. 16 and 17.

Across open rolling terrain.

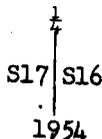
17.70 Graded road, Oil Co. road, brs. N. 15° E., and S. 25° W.

20.10 Sandstone outcropping, projects 1 ch. E. and W.

37.40 Wash, 20 lks. wide, 4 ft. deep, drs. N. 60° E.

40.00 Point for the $\frac{1}{4}$ cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.



Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor. post.

Continue over open rolling terrain.

Portion of the Subdivision, T. 18 S., R. 13 E.

CORNERS

- 44.96 Graded road, Oil Co. road, brs. N. 20° W. and S. 10° E.
- 63.78 Wash, 12 lks, wide, 4 ft. deep, drs. N. 30° E.
- 80.00 Point for the cor. of secs. 8, 9, 16, and 17.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.
- | | |
|----------|-----|
| T18SR13E | |
| S8 | S9 |
| — | |
| S17 | S16 |
| 1954 | |
- Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor. post.
- Land, rolling.
Soil, sandy.
Timber, very scattered pinon.
Undergrowth, desert sage and bunch grass.
-
- N. 0° 02' W., between secs. 8 and 9.
- Across open rolling terrain and over projecting spur cliffs.
- 15.10 Neversweat Wash, 100 lks. wide, 25 ft. deep dirt banks on each side of wash, drs. E. from W. with 20 ft. falls 1 ch. upstream or W.
- 29.50 Base of sandstone spur cliff; ascend 45 ft. over extreme western tip of projected cliff.
- 33.15 Top of cliff spur; descend 35 ft. over face of cliff and talus slope.
- 38.18 Base of descent; continue across open terrain.
- 40.00 Point for the ¼ cor. of secs. 8 and 9.
Set an iron post, 30 ins. long; 2½ ins. diam., 14 ins. in the ground to solid rock, and in a md. of stone, 3 ft. base to top, with brass cap mkd.
- | | |
|------|----|
| ↑ | |
| S8 | S9 |
| | |
| 1954 | |
- Across rolling terrain.
- 47.50 Enter scattered timber; descend 30 ft. over gradual NW. slope.
- 50.61 Wash, 10 lks, wide, 4 ft. deep, drs. S. 80° E.
- 61.67 Wash, 50 lks. wide, 3 ft. deep, drs. E.
- 69.38 Wash, 30 lks. wide, 4 ft. deep, drs. S. 70° E.
- 80.00 Point for the cor. of secs. 4, 5, 8, and 9.
Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a md. of stone, 4 ft. base to top, with brass cap mkd.

T18SR13E	
S5	S4
—	
S8	S9
1954	

Portion of the Subdivision, T. 18 S., E. 13 E.

chains.

Land, rolling, terrain broken by projecting spur cliffs.
Soil, sandy.
Timber, scattered pinon and juniper.
Undergrowth, desert sage and bunch grass.

N. 0° 02' W., between secs. 4 and 5.

Across rolling plain, through scattered timber.

21.61 Ungraded road, brs. S. 70° E. and N. 70° W.

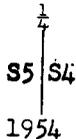
29.67 Base of projected spur cliff; ascend 55 ft. over broken SW. slope to western tip of spur.

32.77 Top of ascent; top of cliff falls 35 lks. E. of this point, and has 30 ft. higher elevation. From this point, USGS cairn sta. (5271 Elev.) brs. S. 55° 19' E., 51 lks. dist.; descend 60 ft. over steep series of cliff slopes, which br. S. 30° W. and N. 40° E.

37.66 Base of descent; continue across open terrain.

40.00 Point for the $\frac{1}{4}$ cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.



Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor. post.

Continue across open terrain and over W. projecting spurs, through scattered timber.

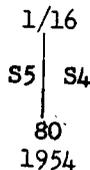
59.00 Wash, 30 lks, wide, 20 ft. high earth banks, drs. N. 60° W.

65.26 Wash, 20 lks, wide, 4 ft. deep, drs. N. 40° W.; ascend 15 ft. over SW slope, western tip of W. projecting spur.

68.00 Top of ascent on spur, projects 2 chs. W.; descend 30 ft. over steep NW. slope.

80.00 Point for the $\frac{1}{16}$ cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.



Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor. post.

over sandstone outcropping ledges onto rolling terrain.

90.86 Intersect S. bdy. of T. 17 S., R. 13 E.; point for the closing cor. of secs. 4 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

Portion of the Subdivision, T. 18 S., R. 13 E.

T17SR13E
S32

35 | S4
CC
T18S
1954

Raise a md. of stone, 3 ft. base, 30 ins. high, S. of iron post.

From this cor. the cor. of secs. 32 and 33, T. 17 S., R. 13 E. bears S. 89° 38' E., 4.97 chs. dist.

Land, rolling terrain and projecting spurs.

Soil, sandy.

Timber, scattered pinon.

Undergrowth, desert sage and bunch grass.

The point for the closing cor. of secs. 2 and 3, on the N. bdy. of the Tp. is 160.00 chs. east of the closing cor. of secs. 4 and 5.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., in a large md. of stone, 3½ ft. base top, and along the W. side of a large sandstone boulder, with brass cap mkd.

T17SR13E
S34

S3 | S2
CC
T18S
1954

From this cor. the cor. of secs. 34 and 35, T. 17 S., R. 13 E. bears S. 89° 23' E., 6.74 chs. dist.

The point for the ¼ cor. of sec. 2, on the N. bdy. of the Tp. is 200.00 chs. east of the closing cor. of secs. 4 and 5.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, and in a md. of stone, 5 ft. base to top, with brass cap mkd.

¼ S2

1954

From this ¼ cor. the ¼ cor. of sec. 35, T. 17 S., R. 13 E., bears S. 89° 32' E., 6.77 chs. dist.

The point for the closing cor. of secs. 1 and 2, on the N. bdy. of the Tp. is 240.00 chs. east of the closing cor. of secs. 4 and 5.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground with brass cap mkd.

T17SR13E
S35

S2 | S1

1954

Portion of the Subdivision, T. 18 S., R. 13 E.

chains,

Raise a md. of stone, 3 ft. base, 30 ins. high, S. of cor. pa

From this closing cor. the cor. of secs. 35 and 36, T. 17 S., R. 13 E., bears S. 89° 32' E., 6.79 chs. dist.

Beginning at the closing cor. of secs. 2 and 3, on the N. bdy. of T. 18 S., R. 13 E.

S. 0° 01' E., between secs. 2 and 3.

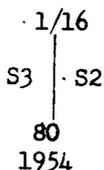
Over mountainous land; descend over a rocky S. slope.

2.00 Wash, 10 lks, wide, 6 ft. deep, drs. E.; ascend 40 ft. over rocky N. slope.

7.60 Top of hill; descend 15 ft. over SE slope.

8.50 Point for the 1/16 cor. of secs. 2 and 3, at a point 80.00 chs. north of the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a md. of stone, 3 ft. base, to top, with brass cap mkd.



9.70 Small hillside drainage, drs. S. 60° E.; descend 85 ft. over SE slope.

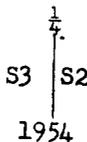
37.01 Wash, 30 lks, wide, 3 ft. deep, drs. E.

38.50 Wash, 25 lks. wide, 5 ft. deep, drs. N. 70° E.; ascend 105 ft. over broken N. slope.

45.31 Top of hill; descend 80 ft. over steep S. slope.

48.50 Point for the ¼ cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a md. of stone, 3 ft. base to top, with brass cap mkd.



50.10 Small drainage, drs. E.; ascend 95 ft. over steep NE slope.

62.23 Top of hill; descend 150 ft. over broken, rocky SW. to S. slope.

71.34 Wash, 10 lks. wide, 3 ft. deep, drs. E.; descend 20 ft. over gradual E. slope.

81.22 Wash, 10 lks. wide, 30 ft. vertical bedrock sidewalls, with head of wash 70 lks. W., drs. E.

84.92 Wash, 75 lks. wide, 30 ft. vertical walls, drs. N. 40° E.

88.02 Wash, 45 lks. wide, 15 ft. deep, drs. N. 30° E.

88.50 Point for the cor. of secs. 2, 3, 10 and 11, on the S. bank of wash.

Set an iron post, 30 ins. long, 2½ ins. diam., and in a large md. of stone, 3½ ft. base to top, with brass cap mkd.

Portion of the Subdivision, T. 18 S., R. 13 E.

Chains

T18SR13E

S3 | S2

S10 | S11

1954

Land, mountainous.

Soil, sand and shale, large areas of exposed bedrock.

Timber, scattered pinon and juniper.

Undergrowth, greasewood, desert sage, and bunch grass.

N. 89° 56' E. between secs. 2 and 11.

Over mountainous terrain; ascend 110 ft. over very steep NW. slope.

- 7.00 Top of spur, which projects N. 30° E., 3 chs. dist.; descend 130 ft. over SE. slope.
- 21.50 Wash, 12 lks. wide, 8 ft. deep, drs. N. 20° E.; ascend 10 ft. over W. slope.
- 24.31 Top of ascent; descend 40 ft. over E. slope.
- 28.80 Wash, 15 lks. wide, 5 ft. deep, drs. N.; ascend 40 ft. over steep W. slope.
- 30.97 Top of ascent; descend 55 ft. over E. slope.
- 36.60 Wash, 30 lks. wide, 10 lks. deep, drs. N. 20° E.; ascend 30 ft. over a steep W. slope.
- 40.00 Point for the $\frac{1}{4}$ cor. of secs. 2 and 11, on a steep N. slope.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on top of bedrock of slate and in a large md. of stone, 3 ft. base to top, with brass cap mkd.

S2

 $\frac{1}{4}$

S11

1954

Ascend 25 ft. over NW. slope.

- 41.50 Top of ascent; descend 75 ft. over E. slope.
- 50.50 Wash, 20 lks. wide and 8 ft. deep, drs. S. 85° E. Gradual descent in valley bottom.
- 57.50 Intersect N. bank of wash, bears S. 80° E. from S. 80° W.
- 61.30 Intersect wash, drs. N. 85° E.
- 73.50 Intersect wash, drs. S. 65° E.
- 78.44 Intersect wash, drs. N. 20° E.; ascend 30 ft. over W. slope to top of knoll.
- 80.00 Point for the cor. of secs. 1, 2, 11, and 12, on top of knoll.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

T18SR13E

S2 | S1

S11 | S12

1954

Portion of the Subdivision, T. 18 S., R. 18 E.

Chains

Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor.

Land, rolling mountainous and valley bottom terrain.
Soil, sand, clay and shale.
Timber, scattered pinon and juniper.
Undergrowth, greasewood, desert sage, and bunch grass.

North, between secs. 1 and 2.

Over broken mountainous terrain; descend 30 ft. over steep N. slope.

3.70 Main wash, 40 lks. wide, 3 ft. deep, drs. N. 40° E.

5.20 Small wash, 7 lks. wide, 1 ft. deep, drs. E. into main wash;
ascend 110 ft. over rocky, broken S. slope.

13.79 Rim of canyon, brs. in general E. and W. direction; descend 65 ft.
over gradual NE. slope.

27.75 Wash, 15 lks. wide, 3 ft. deep, drs. E.; ascend 27 ft. over SE. slope.

35.38 Top of ascent; descend 30 ft. over N. slope.

40.00 Point for the $\frac{1}{4}$ cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground
with brass cap mkd.

$\frac{1}{4}$
S2 | S1
1954

Raise a md. of stone, 3 ft. base, 24 ins. high, W. of cor. post.

Ascend 35 ft. over broken S. slope.

44.38 Top of ascent; descend 30 ft. over NE. slope.

47.30 Wash, 40 lks. wide, 3 ft. deep, drs. E.; ascend 25 ft. over small
ledges.

51.39 Top of ascent; gradual descent 50 ft. over outcropping rock ledges.

70.32 Wash, 30 lks. wide, 1 ft. deep, drs. N. 40° E.; across bedrock to
rim of canyon.

75.56 Rim of canyon, brs. in general E. and W. direction; descend 85 ft.
over very steep, rocky N. slope.

78.40 Main wash, 60 lks. wide, 13 ft. deep; drs. N. 80° E.; ascend
15 ft. over gradual S. slope on valley bottom.

80.00 Point for the $\frac{1}{16}$ cor. of secs. 1 and 2, at a point 80.00 chs.
N. of the cor. for secs. 1, 2, 11, and 12.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 21 ins. in the
ground with brass cap mkd.

$\frac{1}{16}$
S2 | S1
80
1954

Raise a md. of stone, 3 ft. base, $2\frac{1}{2}$ ins. high, W. of the cor.
post.

Portion of the Subdivision, T. 18 S., R. 13 E.

chains

Ascend 75 ft. over nearly vertical, rocky S. slope.

82.01 Rim of canyon, brs. in a general E. and W. direction; continue across a very gradual SE. slope.

87.67 The closing cor. of secs. 1 and 2, on the N. bdy. of the Tp.

Land, broken and mountainous.

Soil, sand and clay.

Timber, sparse juniper and pinon.

Undergrowth, desert sage and bunch grass.

Beginning at the cor. of secs. 16, 17, 20, and 21, T, 18 S., R. 13 E.
East, between secs. 16 and 21.

Over gradual ascent across rolling sandy plains.

22.00 Enter scattered timber.

30.20 Wash, 25 lks. wide, 5 ft. deep, drs. S.

30.50 Base of sandstone cliffs; ascend 60 ft. over face of cliff.

33.10 Top of cliff, brs. N. and S.; continue over rolling sandy bench terrain.

40.00 Point for the $\frac{1}{4}$ cor. of secs. 16 and 21.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., and in a large md. of stone, 3 ft. base, to top, with brass cap mkd.
$$\begin{array}{r} S16 \\ \frac{1}{4} \text{ ---} \\ S21 \\ 1954 \end{array}$$

From which

A pinon, 5 ins. diam., brs. N. $61^{\circ} 15'$ E., 40 lks. dist. mkd. BT only.A pinon, 10 ins. diam., brs. S. $49^{\circ} 30'$ E., 63 lks. dist. mkd. $\frac{1}{4}$ S21BT.

Continue across flat grassy terrain, through scattered timber.

49.50 Wash, 5 lks. wide, 1 ft. deep, drs. in general S. direction; descend 40 ft. over very gradual E. slope.

80.00 Point for the cor. of secs. 15, 16, 21, and 22.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
$$\begin{array}{r} T18SRL3E \\ S16 \mid S15 \\ \text{---} \mid \text{---} \\ S21 \mid S22 \\ 1954 \end{array}$$

Raise a large md. of stone, 4 ft. base, 36 ins. high, W. of cor. post.

Land, rolling plains, broken with cliffs.

Soil, sandy.

Timber, scattered pinon and juniper.

Undergrowth, desert sage, greasewood and bunch grass.

Portion of the Subdivision, T. 18 S., R. 13 E.

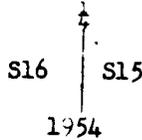
chains

N. 0° 01' W., between secs. 15 and 16.

Across flat terrain.

- 3.30 Wash, 15 lks, wide, 2 ft. deep, drs. E.; ascend 40 ft. over rocky S. slope.
- 14.00 Top of ascent; descend 15 ft. over rocky N. slope.
- 21.60 Wash, 20 lks. wide, 1 ft. deep, drs. E.; continue across rolling terrain.
- 32.75 Wash, 10 lks, wide, 2 ft. deep, drs. E.; ascend 20 ft. over rocky SE. slope.
- 40.00 Point for the $\frac{1}{4}$ cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.

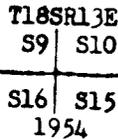


Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor.post.

Continue over broken mountainous terrain.

- 43.85 Base of hill; ascend 110 ft. over steep SE. slope.
- 51.53 Top of hill; descend 120 ft. over sandstone ledges and steep N. slope.
- 58.13 Wash, 10 lks. wide, 2 ft. deep, drs. W.; ascend 180 ft. over steep slope with cliff at summit of ascent.
- 66.35 Top of hill; descend 140 ft. over sandstone ledges and steep N. slope.
- 80.00 Point for the cor. of secs. 9, 10, 15; and 16.

Set an iron post, 33 ins. long, 2 $\frac{1}{2}$ ins. diam., 23 ins. in the ground with brass cap mkd.



Raise a md. of stone, 2 $\frac{1}{2}$ ft. base, 24 ins. high, W. of cor.post.

Land, broken and mountainous.
 Soil, sand and shale.
 Timber, scattered juniper and pinon S. $\frac{1}{2}$ mile.
 Undergrowth, desert sage and bunch grass.

N. 89° 59' W. between secs. 9 and 16.

- Over broken mountainous land; descend 100 ft. over steep NW. slope.
- 7.96 Base of decent; ascend 30 ft. over NE. slope.
- 14.54 Top of ridge; descend 95 ft. over broken NW. slope into gorge.
- 22.82 Wash in gorge with 60 ft. vertical walls, 75 lks, wide, drs. N. Ascend 80 ft. over a series of ledges.

Portion of the Subdivision, T. 18 S., R. 13 E.

chains.

- 29.76 Top of ascent; continue over mountainous land to cor.
 40.025 Point for the $\frac{1}{4}$ cor. of secs. 9 and 16.
 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., and in a large md. of stone, 3 ft. base, to top, with brass cap mkd.

S9

S16

1954

- 40.58 Top of ledges, brs. N. and S. Descend 65 ft. over series of sandstone ledges.
 46.98 Wash, 15 lks. wide, 4 ft. deep, drs. N.
 53.88 Wash, 10 lks. wide, 8 ft. deep, drs. N.; gradual ascent over sandy plain.
 58.87 Wash, 30 lks. wide, 4 ft. deep, drs. N. 20° E.
 80.05 The cor. of secs. 8, 9, 16, and 17.

Land, broken mountainous in E. Flat plain in W.
 Soil, shale and sand.
 Timber, sparse pinon and juniper.
 Undergrowth, desert sage and bunch grass.

Beginning at the cor. of secs. 31 and 32 on the S. bdy. of T. 18 S., R. 13 E.

N. $0^{\circ} 03'$ W., between secs. 31 and 32.

Over rolling sandy plain.

- 17.60 Ungraded road, brs. N. 40° W. and S. 50° E.
 23.10 Graded road, Oil Co. road, N. 30° W. and S. 50° E.; ascend 15 ft. over S. slope of sand hill.
 29.39 Top of ascent; descend 25 ft. over N. slope of sand hill.
 32.60 Wash, 10 lks. wide, 3 ft. deep, drs. N. 30° W.; continue over rolling terrain.
 40.00 Point for the $\frac{1}{4}$ cor. of secs. 31 and 32.
 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

S31 · S32

1954

Raise a md. of stone, $2\frac{1}{2}$ ft. base, 24 ins. high, W. of cor. post.
 Descend 50 ft. over a sandy N. slope.

- 55.95 Wash, 30 lks. wide, 5 ft. deep, drs. S.; continue over rolling plain.
 72.00 Wash, 20 lks. wide, 2 ft. deep, drs. S. 70° E.
 78.34 Base of hill; ascend 25 ft. over a S. slope to cor. position.
 80.00 Point for the cor. of secs. 29, 30, 31, and 32.

Portion of the Subdivision, T. 18 S., R. 13 E.

chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

T18SR13E

S30 | S29

S31 | S32

1954

Raise a md. of stone, $2\frac{1}{2}$ ft. base, 20 ins. high, W. of cor. post.

Land, rolling.

Soil, sandy.

Timber, none.

Undergrowth, desert sage and bunch grass.

Beginning at the true point for the cor. of secs. 28, 29, 32 and 33.

S. $89^{\circ} 56'$ W., between secs. 29 and 32.

Ascend 80 ft. over gradual rolling, sandy E. slope.

19.12 Top of sandstone cliffs, brs. N. and S.; descend 50 ft. over face of cliff.

19.92 Base of cliff; descend over very gradual W. slope.

23.95 Wash, 20 lks. wide, 3 ft. deep, drs. N.; ascend 60 ft. over rolling E. slope.

39.985 Point for the $\frac{1}{4}$ cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of small stones, with brass cap mkd.

S29

 $\frac{1}{4}$

S32

1954

This $\frac{1}{4}$ cor. is located 3 lks. S. from the top of a 60 ft. out made by a large wash, which at this point drs. N. 70° E. from N. 80° W.

Continue across ridge.

42.62 Bank of wash; descend 35 ft. over a steep W. slope.

46.52 Wash, 8 lks. wide, 2 ft. deep, drs. N.; continue across rolling terrain.

55.97 Wash, 40 lks. wide, 4 ft. deep, with 25 ft. high west bank, drs. N. 2 chs., thence E.; ascend 25 ft. over steep dirt bank.

57.01 Top of bank; ascend 35 ft. over rolling E. to SE. slope.

79.97 The cor. of secs. 29, 30, 31 and 32.

Land, rolling terrain broken with cliffs and washes.

Soil, sandy.

Timber, scattered pinon and juniper, E. $\frac{1}{2}$ mile only.

Undergrowth, desert sage and bunch grass.

General Description

The lands contained in this township are mountainous and rolling plains. The central portion of the township consists of elevated bench terrain, cut by numerous gorges, cliffs, and deep

Portion of the Subdivision, T. 18 S., R. 13 E.

canyons. The western two ranges within the township lie in a broad, flat, sandy plain; whereas, the character of the most easterly range of sections is made up of blue clay flats, dotted with shale hills.

Drainage of the township is afforded by a series of large washes running parallel to one another at almost uniform intervals of one mile. These washes drain in a general east direction cutting narrow precipitous canyons through the mountainous region onto the clay flats of the adjoining Price River.

Entrance to the township is gained from the east and from the south. A graded dirt road, originating from the Woodside-Castle Dale cutoff road, runs north 3 miles and enters the S. bdy. of sec. 32; thence northerly through the township, leaving on the N. bdy. of sec. 6. A rut road, originating on U. S. highway 50, two miles S. of Woodside, Utah, travels easterly and enters the township on the E. bdy. of sec. 12. This road then follows along the southeasterly course of the Summerville Wash to an intersection in sec. 20 with the improved north-south road.

The soil is clay in the east portion of the township and sandy in the west. The sandy soil supports a fair growth of desert sage, greasewood, and bunch grass, which affords grazing for stock. There is also a scattering growth of juniper and pinon trees.

There were no perennial sources of surface water found on this township; however, the Price River flows in a southeast course through the adjacent north and east townships.

There were no indications of minerals, coal, or oil noted during the execution of this survey.

REVISIONS PARTS AND REVISIONS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lowell Q. Hermansen	Chairman
Harvey J. Parker	Chairman
Earle L. Fidalgo	Rodman
Justin Kreek	Cornerman
Phillip M. Mudgett	Axeman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY AND INDEPENDENT RESURVEY

OF A

PORTION OF THE SUBDIVISION LINES

OF

TOWNSHIP 19 SOUTH, RANGE 13 EAST

Of the SALT LAKE Meridian,

in the State of UTAH

EXECUTED BY

Kenneth F. Hansen

Cartographer (Cadastral)

Under special instructions dated May 20, 1954, which provided

for the surveys included under Group No. 398, approved July 15, 1954

and assignment instructions dated July 16, 1954

Survey commenced Sept. 24, 1954

Survey completed Nov. 11, 1954

INDEX DIAGRAM

Township 19 South, Range 13 East

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30	29 3 10	28	27	26	25
31 9	32 2	33	34	35	36

T. 19 S., R. 13 E.,
Salt Lake Meridian, Utah

The center 2 mile portion of the south boundary and the north 3 miles of the west boundary were surveyed by A. D. Ferron in 1880. In 1884, A. D. Ferron surveyed the entire north and east boundaries plus the east 2 miles of the south boundary; also that same year, Ferron resurveyed the center 2 mile portion of the south boundary. The east boundary and the east 2 miles of the north and south boundaries were resurveyed by J. C. Thoma in 1923. The west 2 miles of the south boundary were surveyed, and the center 2 mile portion of this boundary was independently resurveyed by Andrew Nelson in 1942. The south 3 miles of the west boundary, or Clarks Valley Guide Meridian, were surveyed and the north 3 miles of the west boundary resurveyed by J. C. Clark in 1927. The west 4 miles of the north boundary were independently resurveyed concurrently under this group in connection with the south boundary of T. 18 S., R. 13 E. The east two ranges of sections of T. 19 S., R. 13 E., were surveyed by J. C. Thoma in 1923. The south 3 miles of the fourth meridinal section line and the line connecting it to the west boundary, between sections 17-20, and 18-19, were surveyed by A. D. Ferron in 1880 as an offset to portions of the south and west boundaries of the township.

This survey is initiated upon the request of officials of the State of Utah for the location of those sections within the township that normally are designated State School Sections.

The survey was executed with a light mountain solar transit made by Buff and Buff, serial number 18003, property of the Bureau of Land Management. The instrument is equipped with a telescopic solar attachment and conforms to the standard instrument specifications of the Bureau of Land Management. The instrument was maintained in satisfactory adjustment during the progress of the survey.

Measurements were made with narrow steel tapes, 5 and 8 chs. in length; each tape is graduated every link for the first 100 lks. and thereafter at intervals of 10 lks. The tapes were tested by comparison with a 1-chain standard steel tape and found correct. Measurements are made on the slope and the vertical angles are determined by clinometers in good adjustment; the field notes show the horizontal equivalents.

The directions of all lines reported are determined by deflecting from a meridian established by the following observation on Polaris, and are augmented by numerous altitude observations on the sun at frequent intervals throughout the survey.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record, the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the positions they would occupy if the entire township were subdivided.

The data furnished with the special instructions denotes the geographic position for the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp., as in latitude $39^{\circ}07' N.$ and longitude $110^{\circ}26'17'' W.$

Sept. 29, 1954, at the cor. of secs. 4, 5, 32 and 33, on the south bdy. of the Tp., in latitude $39^{\circ}07' N.$, Longitude $110^{\circ}28'27'' W.$, at 7h 23.1m. p.m. L.M.T., or 7h 45. Omp.m. watch time, I observed Polaris at eastern elongation; making 4 sights, 2 each with the telescope in direct and reversed positions, and marked the mean point on a peg driven firmly in the ground 10 chs. north of the station. After sunrise, Sept. 30, 1954, I lay off the azimuth of Polaris, $1^{\circ}13.2' W.$ of the mean direction determined by the observation, and took a foresight on a distinct distant object.

The magnetic declination averaged from several readings at favorable locations throughout the township is $16^{\circ}05' E.$

Independent Resurvey of a Portion
of the Subdivision, T. 19 S.; R. 13 E.

Chains

Independent Resurvey, Superseding the Survey
Executed by A. D. Ferron, Deputy Surveyor, in 1880.

No rock corners of original survey were found during independent resurvey.

Beginning at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is monumented with a 2 in. iron post set in a md. of stone, 3 ft. base, 30 ins. high, firmly set, mkd. and witnessed as described in the official record.

N. 0° 03' W; between secs. 32 and 33.

Across severely broken land.

- 2.00 Wash, 20 lks. wide, 20 ft. deep, drs. E. from W.
- 6.60 Wash, 40 lks. wide, 14 ft. deep, drs. N. 40° E., from S. 40° W.; continue across broken E. slope.
- 26.50 Small hillside drainage, drs. E. from W.
- 33.00 Large wash, 150 lks. wide, 50 ft. deep, drs. E. from W.
- 36.00 Small drainage, drs. E. from W.
- 39.50 Top of canyon ridge, brs. E. and W; descend steep, rocky N. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the grd. to solid bedrock, and in a md. of stone to top, with brass cap mkd.

$\frac{1}{4}$
 S32 | S33
 1954

Raise a md. of stone, around iron post, 5 ft. base, 20 ins. high.

- 42.50 Large wash, 200 lks. wide, 60 ft. deep, drs. E. from W.; ascend steep S. slope with 5 ft. cliff at top of rim.
- 45.60 Top of canyon rim, brs. E. and W.; continue across broken land, enter scattered timber.
- 57.40 Top of canyon ridge, brs. NE. and SW.; descend NW. slope.
- 70.00 Large wash, 90 lks. wide, 25 ft. deep, drs. N. 40° E. from S. 40° W.; ascend SE. slope
- 74.00 Top of canyon rim, brs. NE. and SW.; thence across flat E. slope.
- 80.00 Point for the cor. of secs. 28, 29, 32, and 33.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the grd. to solid bedrock, and in a md. of stone to top, with brass cap mkd.

T19SRL3E

S29 | S28
 S32 | S33

1954

Raise a md. of stone, around iron post, 3 ft. base, 24 ins. high.

Independent Resurvey of a Portion
of the Subdivision, T 19 S., R. 13 E.

Chains

Land, broken, with series of deep washes.
Soil, Sand to sandy shale.
Timber, sparse scrub cedar and pinon.
Vegetation, sagebrush, greasewood and june grass.

N. 0° 03' W., bet. secs. 28 and 29.

Across general E. slope, severely broken with series of deep washes.

2.00 Wash, 30 lks. wide, 20 ft. deep, drs. E. from W.

11.00 Large wash, 150 lks. wide, 30 ft. deep, drs. N. 60° E., from S. 60° W.; ascend steep SE. slope.

13.00 Top of canyon rim, brs. NE. and SW.; across gradual E. slope, through scattered timber.

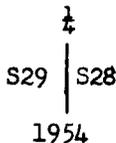
17.50 Wash, 40 lks. wide, 8 ft. deep, drs. E. from W.

22.00 Large wash, 200 lks. wide, 50 ft. deep, drs. E. from W.

29.00 Wash, 50 lks. wide, 30 ft. deep, drs. E. from W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the grd. to solid bedrock, and in a md. of stone to top, with brass cap mkd.



Raise a md. of stone around iron post, 4 ft. base, 24 ins. high.

Across broken E. slope, with gradual descent by step levels to the N.

53.40 Large wash, 250 lks. wide, 50 ft. deep, drs. N. 50° E. from S. 50° W.

55.20 Small wash, drs. into preceding wash at 2 chs. due E.

60.00 Small drainage, drs. E.

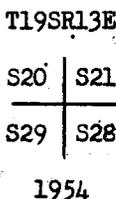
64.40 Wash, 30 lks. wide, 4 ft. deep, drs. E. from W.

68.00 Small wash, drs. E. from W.

77.00 Small drainage, drs. E. from W.

80.00 Point for the cor. of secs. 20, 21, 28, and 29.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the grd. with brass cap mkd.



Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor.

Land, broken, with series of deep washes.
Soil, Sand, shale, clay and patches of exposed bedrock.
Timber, sparse scrub cedar and pinon.
Vegetation, sagebrush, greasewood, mountain rush, june grass.

4
Independent Resurvey of a Portion
of the Subdivision, T. 19 S., R. 13 E.

- Chains N. 0° 03' W. bet. secs. 20 and 21.
Across gradual E. slope, broken with series of deep washes.
- 10.00 Fork of Saleratus wash, 200 lks. wide, 40 ft. deep, drains E. from
- 15.50 Ungraded road, bears E. and W.
- 17.50 Old railroad grade, brs. N. 30° W., and S. 30° E.
- 19.00 Edge of large stone culvert used on railroad grade.
- 20.15 Wash, 20 lks. wide, 3 ft. deep, drs. S. 70° E. from W.
- 23.00 Small drainage, drs. E. from W.
- 30.50 Main wash, 20 lks. wide, 8 ft. deep, drs. E. from W.; enter rolling red clay hills.
- 37.00 Ungraded road, bears N. 40° W., and S. 40° E.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21.
Set an iron post; 30 ins. long; 2 $\frac{1}{2}$ ins. diam., 22 ins. in the grd. with brass cap mkd.

$\frac{1}{4}$
S20 | S21
1954

- Raise a md. of stone 4 ft. base, 36 ins. high W. of cor.
- 51.50 Main wash, 50 lks. wide, 6 ft. deep, drs. N. 40° E. from S. 40° W.
- 53.10 Main wash, 50 lks. wide, 6 ft. deep, drs. E. from W.
- 73.00 Large wash, 50 lks. wide, 15 ft. deep, drs. E. from W.
- 75.50 Wash, joins preceding wash at 2 chs. SE.
- 80.00 Point for the cor. of secs. 16, 17, 20, and 21.
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 23 ins. in the grd. with brass cap mkd.

T19SR13E
S17 | S16
—+—
S20 | S21
1954

Raise a md. of stone, 3 ft. base, 30 ins. high, W. of cor.

Land, broken E. slope, S. $\frac{1}{2}$ mile, to rolling clay hills.
Soil, sand, clay and shale.

Timber, occasional scrub cedar.

Vegetation, greasewood, mountain rush and June grass.

Survey of a Portion of the Subdivision
From the cor. of secs. 14, 15, 22, and 23, T. 19 S., R. 13 E., which
is monumented with a 2 in. iron post 27 ins. in the grd., firmly set
mkd. and witnessed as described in the official record.

S. 89° 58' W., bet. secs. 15 and 22.

General descent across flat topped benches and over ledges.

Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

Chains

- 18.80 Top of sandstone cliff, 20 ft. high, brs. S. 10° W. and N. 10° E.; at base of cliff, descend gradual W. slope, enter scattered timber.
- 28.20 Wash, 50 lks. wide, 7 ft. deep, drs. S. from N.; ascend gradual E. slope.
- 40.09 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the grd. to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\frac{1}{4} \frac{S15}{S22}$$

42.09 Raise a md. of stone around iron post, 5 ft. base, 24 ins. high.

- 42.10 Rim of bench, brs. S. 30° E and N. 60° W.; descend over steep, rocky SW. slope.
- 52.40 Wash, 20 lks. wide, 13 ft. deep, drs. S. from N.
- 67.20 Small hillside drainage, drs. S. from N.; ascend across SE. slope.
- 80.18 Point for the cor. of secs. 15, 16, 21, and 22, at midpoint bet. the cor. of secs. 14, 15, 22, and 23, and the cor. of secs. 16, 17, 20, and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam. over a cross chisled in bedrock and in a large md. of stone to top, with brass cap mkd.

T19SR13E

S16	S15
S21	S22

1954

Raise a md. of stone around iron post, 5 ft. base, 30 ins. high.

Land, mountainous, broken with cliffs and draws, very rocky.
Soil, sand, shale, and large boulders.
Timber, sparse scrub cedar.
Vegetation, greasewood and June grass.

S. 89° 58' W., bet. secs. 16 and 21

General descent, across stepped bench terrain.

- 2.20 Top of sandstone cliff, brs. S. 20° E. and N. 20° W.
- 6.30 Wash, 75 lks. wide, 20 ft. deep, drs. S. from N.; gradual ascent, through scattered timber.
- 13.30 Top of cliff, brs. S. 30° W. and N. 30° E.
- 15.60 Large wash at base of cliff, 100 lks. wide, 20 ft. deep, drs. S. 30° W. from N. 30° E.; continue general descent over a series of small ledges.
- 27.30 Top of sandstone cliff, 55 ft. high, brs. N. and S.
- 29.70 Base of talus slope; gradual descent over large rocks.
- 32.80 Wash, 15 lks. wide, 3 ft. deep, drs. S. 20° W. from N. 20° E.; over rolling hills.

Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

52

Chains	
40.09	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam. 23 ins. in the grd., with brass cap mkd. <div style="text-align: center;"> $\begin{array}{r} S16 \\ \frac{1}{4} \text{---} \\ S21 \end{array}$ 1954 </div>
	Raise a md. of stone, 3 ft. base, 30 ins. high, N. of cor.
42.90	Large wash, 150 lks. wide, 5 ft. deep, drs. S. 20° W., from N. 20° E.
50.40	Small drainage, drs. S. from N.; unimproved road, bears NW. and SE.; asc. over small ledges and rock outcroppings, general E. slope.
58.70	Wash, 20 lks. wide, 2 ft. deep, drs. S. from N.; continue across general E. slope, over rolling red clay hills; end of scattered timber.
72.70	Small drainage, drs. S. from N.
79.40	Small drainage, drs. S. 30° E., from N. 30° W.
80.18	The cor. of secs. 16, 17, 20, and 21. Land, red clay hills last $\frac{1}{4}$ m., broken land, east portion. Soil, sandy shale, sand, clay, bedrock. Timber, scattered scrub cedar. Vegetation, greasewood and June grass.
	From the cor. of secs. 15, 16, 21, and 22. N. $0^{\circ} 02'$ W., bet. secs. 15 and 16. Over rolling, partially broken, land.
5.40	Spur, projects 200 ft. S. 30° E.; descend across open rolling terrain.
36.80	Improved road (Woodside to Castle Dale, Utah), brs. in general east-west direction.
40.00	Point for the $\frac{1}{4}$ cor. of secs. 15 and 16. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 10 ins. in the grd. to bedrock and in a md. of stone to top, with brass cap mkd. <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ S16 \text{ } S15 \\ 1954 \end{array}$ </div>
	Raise a md. of stone around iron post, 4 ft. base, 20 ins. high.
51.50	Bottom of ridge; ascend 70 ft. over steep SW. slope.
59.50	Rim of ridge, drs. N. 40° W. and S. 40° E.; ascend gradual NW. slope.
71.30	Wash, 20 lks. wide, 6 ft. deep, drs. S. 20° W. from N.
80.00	True point for the cor. of secs. 9, 10, 15, and 16, falls in the bottom of wash and is impracticable to establish cor. monument. Witness cor. brs. E., 95 lks. distant, hereinafter described.

Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

Chains

Land, rolling, partially broken land.
Soil, sandy loam with rocky slopes in N. $\frac{1}{2}$ mile.
Timber, scattered juniper.
vegetation, desert sage and June grass.

From the cor. of secs. 10, 11, 14, and 15, T. 19 S., R. 13 E.,
which is monumented with a 2 in. iron post, firmly set in a md.
of stone, mkd. and witnessed as described in the official record.

West, bet. secs. 10 and 15.

Ascend 70 ft. over gradual E. slope, through heavy juniper tree
growth.

14.10 Low divide, brs. N. and S.; end of timber, continue across nearly
level grass land.

40.07 Point for the $\frac{1}{4}$ cor. of secs. 10 and 15.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the grd.,
with brass cap mkd.

$$\frac{S10}{\frac{1}{4} \quad S15}$$

1954

Raise a md. of stone, 3 ft. base, 20 ins. high, N. of cor.

Continue across open grass land.

58.50 Ungraded road, brs. N. and S.

68.10 Ungraded road, very dim, brs. N. 10° W. and S. 5° W.

79.19 Point for the witness cor. of secs. 9, 10, 15 and 16.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the grd.
to bedrock; and in a md. of stone to top, with brass cap mkd.

T19SR13E

$$\begin{array}{c|c} S9 & S10 \\ W \leftarrow & \\ \leftarrow C & S16 \\ S16 & S15 \end{array}$$

1954

Raise a md. of stone around iron post, $3\frac{1}{2}$ ft. base, 12 ins. high.

79.50 Edge of wash, brs. N. and S.; descend 9 ft. over bank of wash.

80.14 True point for the cor. of secs. 9, 10, 15, and 16, falls in bottom
of wash,

Land, rolling plain.
Soil, sandy loam.
Timber, juniper trees on E. $\frac{1}{4}$ mi. only.
Vegetation, grass.

From the cor. of secs. 16, 17, 20, and 21.

N. $0^\circ 03'$ W., bet. secs. 16 and 17.

Over red and white rolling clay hills.

8
Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

Chains	
1.20	Wash, 10 lks. wide, 3 ft. deep, drs. S. 20° E. from N. 20° W.
9.80	Small spur, projects E. 100 ft.
14.00	Rut road, brs. N. 20° W. and S. 20° E.
19.00	Rut road, brs. N. 25° E. and S. 30° W.
19.50	Spur, projects E. 200 ft.; thence descend 36 ft. over rolling NE slope, through moderate juniper tree growth.
26.00	Unimproved road, brs. N. 60° W. and S. 50° E.
38.00	Wash, 15 lks. wide, 5 ft. deep, drs. E. from W. to main drainage, which drs. S., at 3 chs. E.
40.00	Point for the $\frac{1}{4}$ secs. cor. of secs. 16 and 17. Set an iron post 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the grd. and with a collar of rock around post, with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ S17 S16 1954 </div>
	Raise a md. of stone, 4 $\frac{1}{2}$ ft. base, 40 ins. high, W. of cor. post. Ascend 11 ft. over steep S. slope.
41.25	Spur, projects E. 3 chs. to end; thence along gradual rolling SE. slope.
53.80	Main wash, 40 lks. wide, 14 ft. deep, drs. E. 4 chs. then changes to S. direction.
70.00	Main wash, 1.50 chs. W. of line, drains S.
80.00	Point for the cor. of secs. 8, 9, 16, and 17. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 25 ins. in the grd. and in a collar of stones, with brass cap mkd. <div style="text-align: center;"> T19SRL3E. S8 S9 S17 S16 1954 </div>
	Raise a md. of stone, 3 ft. base, 30 ins. high W. of cor. post. Improved gravel road, Castledale-Woodside, falls 1.50 chs. N. of cor. post, and bears N. 80° W. and S. 80° E. Land, rolling clay hills. Soil, clay. Timber, scattered juniper. Vegetation, desert sage and grass.
	From the true point for the cor. of secs. 9, 10, 15, and 16. West, bet. secs. 9 and 16. Ascend 28 ft. over an E. slope.

Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

Chains

- 7.10 Top of ridge, brs. N. 15° W. and S. 25° E.; descend 133 ft. over a steep rocky W. slope.
- 11.00 Base of ridge; continue across broken terrain with intermittent sandstone outcroppings.
- 40.07 Point for the $\frac{1}{4}$ cor. of secs. 9 and 16.
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over an "X" chiseled into bedrock, in a md. of stone to top, with brass cap mkd.
- S9
 $\frac{1}{4}$ ———
S16
- 1954
- Raise a md. of stone around cor. post, 4 ft. base, 30 ins. high.
Ascend 15 ft. over an exposed bedrock.
- 44.05 Rim of cliff, faces W. brs. N. and S., 45 ft. high; at base of cliff descend 60 ft. over steep talus W. slope.
- 47.54 Bottom of canyon wash, drs. S. from N.; ascend 107 ft. over steep broken E. slope.
- 49.76 Rim of ledge, brs. N. and S.; ascend 10 ft. over gradual E. slope.
- 50.64 Top of ridge, brs. N. and S., ridge ends 5 chs. to the S.; descend 24 ft. over W. slope.
- 52.60 Rim of ledge brs. N. and S.; descend 71 ft. over a steep, rocky, broken W. slope.
- 53.44 Base of descent; continue across open terrain.
- 58.94 Wash, 20 lks. wide, 5 ft. deep, drs. S. from N.
- 76.90 Improved gravel road, Woodside to Castle dale, bears S. 80° E. and N. 80° W.
- 80.14 The cor. of secs. 8, 9, 16, and 17.
Land, broken in the E. portion, rolling in the W.
Soil, sand and shale, with exposed bedrock, clay in extreme W.
Vegetation, desert sage, scattered cacti, june grass.
Timber, sparce juniper.
-
- From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., which is monumented with a 2 in. iron post, firmly set in a md. of stone to top, mkd., and witnessed as described in the official record.
- N. 0° 03' W., bet. secs. 31 and 32.
Ascend 30 ft. over S. slope, through heavy pinon and juniper tree growth.
- 3.40 South rim of mesa; continue across flat, through heavy timber.
- 18.00 North rim of mesa; descend 35 ft. over NE. slope.
- 21.00 Wash, 20 lks. wide, 4 ft. deep, drs. on curve, W. to NW. direction; continue across a broad flat valley, heavy pinon and juniper tree growth.
- 28.00 Western tip of isolated hill in valley; descend 10 ft. over gradual NW. slope.

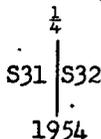
Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

Chains

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the grd. to bedrock, and in a md. of stone to top, with brass cap mkd.



Raise a md. of stone around iron post, 4 ft. base, 25 ins. high.

Continue over very gradual descent over rolling terrain, some sandstone rock outcroppings, no notable topography.

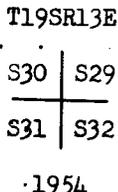
76.00

Grade break; descend 30 ft. over NE. slope, end of timber.

80.00

Point for the cor. of secs. 29, 30, 31, and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a md. of stone to top, with brass cap mkd.



Raise a md. of stone around cor. post, 3 ft. base, 20 ins. high.

Land, rolling, partially broken in S.
Soil, shallow sandy loam, many patches of exposed bedrock.
Timber, very heavy growth of young pinon and juniper.
Vegetation, bunch grass.

From the cor. of secs. 28, 29, 32, and 33.

N. $89^{\circ} 57'$ W., bet. secs. 29 and 32.

Ascend 16 ft. over rolling E. slope, enter scattered timber.

14.00

Wash, 70 lks. wide, 36 ft. deep, eroded into solid rock, drs. N. 50° E. from S. 40° W.; ascend 60 ft. over gradual NE. slope.

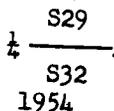
36.65

Wash, 20 lks. wide, 5 ft. deep, drs. N. 45° E. from S. 45° W.; continue gradual ascent.

40.02

Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the grd. to bedrock, and in a md. of stone to top, with brass cap mkd.



Raise a md. of stone around cor. post, 5 ft. base, 18 ins. high.

Ascend 70 ft. over rolling N.E. slope.

59.50

Rut road, very dim, brs. N. 70° W. and S. 75° E.; continue ascent of 60 ft. over SE. slope, through moderate growth of timber.

73.20

Wash, 15 lks. wide, 3 ft. deep, drs. N. 50° E. from S. 50° W.

Survey of a Portion of the Subdivision,
T. 19 S., R. 13 E.

Chains

80.04 The cor. of secs. 29, 30, 31, and 32.

Land, rolling, partially broken terrain.
Soil, sand and shale.
Timber, juniper and pinon.
Vegetation, greasewood and bunch grass.

General Description

The land contained in this surveyed portion of T. 19 S., R. 13 E. is mountainous and rolling. The mountainous area consists mainly of elevated plateaus broken by many precipitous gorges and cliffs. Rolling terrain of soft red clay hills remain where the overlying sandstone and conglomerate strata have been eroded.

A large wash, the course of which is in a southeasterly direction through sections 7, 17, 21, 28, and 34, forms the main drainage. The drainage of the land lying to the west of this wash being easterly while the land lying to the east drains in a southwesterly direction.

Access to the township is gained by an improved dirt road, crossing in an east-west direction through sections 13, 14, 15, 16, 7 and 8. This road is known as the "Woodside-Castledale Cutoff" and connects U. S. Hwy. 50 to Utah Hwy. 10. Several lateral jeep trails from this dirt road give entrance to the north and south portions of the township. An abandoned narrow gauge railroad grade runs a course through the township approximately parallel to that of the main wash.

The soil throughout the area surveyed is shallow sand and clay and is classed as 3rd and 4th rate. The soil supports a fair growth of desert sage, mountain rush, greasewood, and bunch grass, which affords grazing for stock. There is also a scattering growth of scrub juniper and pinon, which is of very little value except as fuel.

No perennial sources of surface water were found in this area; however, a number of bedrock tanks, usually found in the bottom of the deeper washes, store water for considerable lengths of time.

A number of locations within the township were staked for uranium claims; otherwise, no indications of mineral, coal or oil were noted during the execution of this survey.

CERTIFICATE OF CADASTRAL ENGINEER

I, Kenneth F. Hansen, HEREBY CERTIFY upon honor
pursuance of special instructions bearing date of the 20 th day of May

I have surveyed and independently resurveyed a portion of the subdivision lines
Township 19 South, Range 13 East.

of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed by me and under my direction; and the
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing
field notes.

February 4, 1955

Salt Lake City, Utah

Kenneth F. Hansen
Kenneth F. Hansen
Cartographer - Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 25 1955, 19

The foregoing field notes of the survey of and independent resurvey of portions of the
subdivision of Township 19 South, Range 13 East of the Salt Lake Meridian, Utah

executed by Kenneth F. Hansen, Cartographer (Cadastral)

having been critically examined and found correct, are hereby approved.

Earl G. Harrington
Chief, Division of Cadastral Engineering
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in~~

~~is a true copy of the original field notes.~~

Chief, Division of Cadastral Engineering

Original

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT
B

FIELD NOTES

INDEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY; SURVEY OF
THE SOUTH BOUNDARY, AND PORTIONS OF THE WEST BOUNDARY AND SUBDIVISION

T. 19 S., R. 15 E.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

J. E. Clark, Assistant Cadastral Engineer

Robert C. Yundt, Assistant Cadastral Engineer

Under special instructions dated January 15, 1930, which provided
the surveys included under Group No. 219, bearing the approval of the
Commissioner of the General Land Office under date of April 7, 1930

and assignment instructions dated May 10, 1930, and supplemental
assignment instructions dated May 8, 1941.

Survey commenced June 6, 1930.

Survey completed October 30, 1941.

INDEX DIAGRAM.

Township No. 19 South, Range No. 15 East

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1883

T. 19 S., R. 15 E.

The survey of T. 19 S., R. 15 E., Salt Lake Meridian, Utah, was commenced on June 6, 1930 by J.C. Clark, Surveyor and discontinued on July 12th of the same year. Work was resumed by Robert C. Yundt, Assistant Cadastral Engineer, on September 7, 1941 and suspended again on October 30, 1941. The survey was executed with Young and Son's solar transit No. 8520 and Buff and Buff solar transit No. 9797, used by J.C. Clark and Robert C. Yundt, respectively. The instruments were in good adjustment and were approved for use on this survey by the district cadastral engineer for Utah, in assignment instructions dated May 10, 1930, and supplemental assignment instructions dated May 8, 1941, conditional upon satisfactory field tests. These tests were made in the field prior to the beginning of the field work, and the instruments were found to be free from appreciable error. Both instruments are equipped with Smith solar attachments, and have full vertical circles. The horizontal plates have two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles.

The directions of the lines of the survey were determined in 1930, by the solar transit method and a description of the test of the solar attachment will follow. In 1941 the bearings were determined by reference to meridians established by observations on Polaris made on line, and their description will be found in the body of the notes.

The measurements were made with Lallie steel ribbon tapes, 5 and 8 chains in length. The tapes are graduated every link for the first chain and thereafter at intervals of 10 links. The tapes were tested, comparison being made with a Lufkin standard steel tape, 1 chain in length and found to be correct. The measurements were made on the slope, the vertical angles determined by the use of clinometers, and the slope distances properly reduced to true horizontal distances, which appear in this record.

The geographic position of the southeast corner of the township, determined from the special instructions is as follows; latitude $39^{\circ}07' N.$, and longitude $110^{\circ}23' W.$ The value for latitude was checked by meridian observation on the sun, and found to be correct.

June 1, 1930; at camp located near the northwest corner of section 9, T. 20 S., R. 16 E., in approximate latitude $39^{\circ}05'30'' N.$, longitude $110^{\circ}12' W.$, at 3h 23.3m a.m. local mean time, I observe Polaris at eastern elongation, making four settings, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a hub about 10 chains to the north of my station. Azimuth of Polaris at elongation, $1^{\circ}24'$ east. Later I set off the azimuth of Polaris to the west of the above mark and set a tack in a second hub, firmly set in the ground, defining the true meridian. I examine the adjustments of the solar attachments of Young and Son's transit No. 8520 and find them to be correct, then to test the indicated meridians of the solar attachment I proceed as follows: Every 30 minutes from 7 to 11 a.m. and from 1:30 to 5 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the true meridian, has a maximum error of less than one minute of arc. I repeat the tests of arcs daily by noon observation, and verify the meridional indications at frequent intervals during the survey.

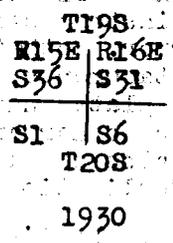
SURVEY OF THE SOUTH BOUNDARY OF T. 19 S., R. 15 E.

Chains

The cor. of Ts. 19 and 20 S., Rs. 15 and 16 E., is marked by a sandstone, 20 x 14 x 5 ins., firmly set in the ground marked 6 notches on all four edges, 19S on NE. face, 16E on the SE. face, 20S on the SW. face, and 15E on the NW. face, and witnessed by a mound of stone to the S. of the cor. monument.

At the cor. point:

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for the cor. of Ts. 19 and 20 S., Rs. 15 and 16 E., with brass cap marked



Raise a mound of stone, 4 ft. base, 3 ft. high, S. of cor.

Thence, from the above cor.

West, on a random line for alignment only, bet. Ts. 19 and 20 S., and intersect the cor. of Ts. 19 and 20 S., Rs. 14 and 15 E., an iron post, 3 ins. in diam., set, marked and witnessed, as described in the official record.

Thence, from the cor. of Ts. 19 and 20 S., Rs. 15 and 16 E.

West, on true line, bet. secs. 1 and 36.

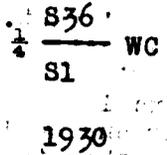
Over mountainous land, through scant undergrowth; ascend 450 ft. along a rugged SE. slope over sandstone ledges and boulders.

18.00 Spur, projects NE.; descend 650 ft. along an abrupt NW. slope over ledges.

39.00 Draw, drains NE.; ascend 40 ft. along a NE. slope to the witness cor. to the 1/4 sec. cor.

40.00 Point for the 1/4 sec. cor. falls upon steep side of the draw where it is impossible to set the cor.

40.62 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness cor. to the 1/4 sec. cor., with brass cap marked



Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.

Ascend 405 ft. along a rugged E. slope over ledges.

53.00 Spur, projects NE.; descend 850 ft. along a steep NW. slope.

65.00 Draw, drains NE.; ascend 900 ft. over a precipitous NE. slope over ledges.

73.00 Spur, projects NE.; descend 200 ft. along an abrupt NW. slope.

SURVEY OF THE SOUTH BOUNDARY OF T. 19 S., R. 15 E.

80.00 Chains Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 1, 2, 35; and 36, with brass cap marked.

T19S R15E
S35 S36

S2 S1
T20S

1930

Raise a mound of stone, 5 ft. base, 4 ft. high, W. of cor.

Land, rough and broken mountain slopes; drainage NE.
Soil, heavy clay loam; 3rd rate.
No timber.
Undergrowth, shadscale and yellow top.
Poor grazing land.

West, bet. secs. 2 and 35.

Over rough and broken mountainous land, through a scant undergrowth; descend 200 ft. along a steep NW. slope over ledges.

5.00 Draw, drains N. 20° E.; ascend 740 ft. along a steep NE. slope over ledges.

25.30 Spur, projects NE.; descend 175 ft. along a NW. slope.

34.00 Draw, drains NE.; ascend 55 ft. along a NE. slope.

38.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the witness 1/4 sec. cor., with brass cap marked

WC 1/4 S35
S2

1930

Raise a mound of stone, 4 ft. base, 4 ft. high, N. of cor.

40.00 True point for the 1/4 sec. cor. falls on steep sandstone ledge, where the cor. monument cannot be erected.

51.90 Spur, projects NE.; descend 985 ft. over a precipitous NW. slope over ledges.

75.60 Gulch, drains N.; ascend 275 ft. over an abrupt NE. slope over ledges.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 5 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 2, 3, 34, and 35, with brass cap marked

T19S R15E
S34 S35

S3 S2
T20S

1930

Deposit a sandstone, 12 x 4 x 4 ins., marked X, at the base of the post.

SURVEY OF THE SOUTH BOUNDARY OF T. 19 S. R. 15 E.

Chains

Land, rough and broken sandstone ledges; drainage NE. Soil, shallow clay loam; 3rd rate. Timber, widely scattered dwarf juniper. Undergrowth, shadscale, mountain rush, yellow top, and grass. Fair grazing land.

West, bet. secs. 3 and 34.

Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 65 ft. along a broken NE slope over ledges.

1:10 Narrow spur, projects about 10 chains N. to end; descend 445 ft. along a steep NW slope over ledges.

12.90 Gulch, drains NE.; ascend 690 ft. along the top of a spur projecting from the W. over a series of sandstone ledges to the 31.80 chs. point.

13.60 Trail, bears N. end S., leads to Coyote Spring and was constructed by Rodney Swasey.

31.80 Leave top of spur, projects from the SW., continue ascent of 115 ft. along a NE. slope to the 1/4 sec. cor.

38.80 Recross trail, bears N. and S.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

1/4 S34

1930

Raise a mound of stone, 5 ft. base, 3 ft. high, N. of cor.

Ascend 330 ft. along a broken NE. slope over ledges to the rim of the Beckwith Plateau.

59.40 Point from which Coyote Spring bears 3.32 chs. N. 12°15' W. Spring is a small dripping spring of alkaline water, located under a low overhanging ledge. Underneath the spring is a concrete watering trough about 5 x 12 ft. and about 18 ins. deep. The spring was developed and the trough constructed by Rodney Swasey for the use of his cattle.

63.80 Rim of Beckwith Plateau, bears NW. and SE.; continue ascent of 80 ft. along a NE. slope.

65.80 Trail to Coyote Spring, bears NE. and SW.

80.00 Over a cross (X) cut in the solid rock.

Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, 6 ft. base, 3 ft. high, for the cor. of secs. 3, 4, 33, and 34, with brass cap marked

T19S R15E
S33 | S34
S4 | S3
T20S

1930

SURVEY OF THE SOUTH BOUNDARY OF T. 19 S., R. 15 E.

Chains

From which

A pinon, 10 ins. in diam., marked T19S R15E S34 BT, bears N. $76^{\circ}45'$ E., 56 lks. dist.

A pinon, 5 ins. in diam., marked T20S R15E S3 BT, bears S. $16^{\circ}30'$ E., 167 lks. dist.

A pinon, 6 ins. in diam., marked T20S R15E S4 BT, bears S. $31^{\circ}45'$ W., 71 lks. dist.

A pinon, 7 ins. in diam., marked T19S R15E S33 BT, bears N. $19^{\circ}45'$ W., 84 lks. dist.

Land, rough and broken slopes on the E. face of the Beckwith Plateau; drainage, NE.

Soil, shallow clay loam; 3rd rate.

Timber, pinon and dwarf juniper.

Undergrowth, shadscale, mountain rush, yellow top, and grass.

Fair grazing land.

West, bet. secs. 4 and 33.

Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 60 ft. along a NE. slope.

13.20 Spur, projects N.; descend 55 ft. along a NW. slope.

28.10 Draw, drains N.; ascend 60 ft. along a NE. slope.

38.80 Spur, projects NE.; descend along a NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S33}{S4}$$

1930

From which.

A pinon, 5 ins. in diam., marked $\frac{1}{4}$ S33 BT, bears N. $55^{\circ}15'$ W., 12 lks. dist.

A pinon, 6 ins. in diam., marked $\frac{1}{4}$ S4 BT, bears S. $48^{\circ}30'$ E., 22 lks. dist.

Descend along a NW. slope.

41.70 Draw, drains NE.; ascend along an E. slope.

45.60 Ridge, bears NW. and SE.; descend along a SW. slope.

51.30 Draw, drains S.; ascend 155 ft. along a SE. slope.

75.80 Sandstone rim bearing NW. and SE.; descend 135 ft. along a SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 32, and 33, with brass cap marked

SURVEY OF THE SOUTH BOUNDARY of T. 19 S. R. 15 E.

Chains

T19S	R15E
S32	S33
S5	S4

T20S.

1930

Raise a mound of stone, 5 ft. base, 3 ft. high, W. of c

Land, rolling top of plateau; drainage NE. and SW. from the ridge at the 46.60 chs. point.

Soil, deep heavy clay loam; 2nd rate.

Timber, pinon and dwarf juniper.

Undergrowth, shadscale, mountain rush, yellow top, and grass.

Fair grazing land.

West, bet. secs. 5 and 32.

Over mountainous land, through scattered timber and a scant undergrowth; descend 255 ft. along a broken SW. slope over ledges.

12.60 Head of box canyon draining S.; ascend 30 ft. along a SE. slope.

15.00 Spur, projects SW., about 5 chains dist. to end; descend 400 ft. along a broken SW. slope over ledges.

23.30 Canyon, drains S. 14° E.; ascend 235 ft. over an E. slope over ledges.

28.40 Point of spur projecting from the SW.; continue along a N. slope.

31.90 Draw, drains NE.; ascend 90 ft. along a NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 17 ins. in the ground and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S32
	S5.

1930

Deposit a sandstone, 11 x 4 x 3 ins., marked X, at the base of the post.

Ascend 40 ft. along an E. slope over ledges.

51.70 Top of ascent, bears NW. and SE.; continue along a S. slope

55.00 West rim of the Beckwith Plateau, bears N. 30° W. and S. 10° E.; descend 1405 ft. along a steep and rugged SW. slope over high ledges.

80.00 Point for the cor. of secs. 5, 6, 31, and 32; falls on steep talus slope of shale, where the cor. cannot be perpetuated:

Land, rough and broken slopes on the W. side of plateau; drainage, SW.

Soil, shallow clay loam; 3rd rate.

SURVEY OF THE SOUTH BOUNDARY OF T. 19 S., R. 15 E.

- Chains
 Timber, dwarf juniper and piñon.
 Undergrowth, shadscale, mountain rush, and yellow top.
 Poor grazing land.
-
- From the true point for the cor. of secs. 5, 6, 31, and 32.
 West, bet. secs. 6 and 31.
 Descend abrupt SW. talus slope of shale, broken by numerous small washes and draws; through scattered undergrowth.
- 5.80 Spur, projects SW.
- 19.75 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the witness cor. of secs. 5, 6, 31, and 32, with brass cap marked
- | | | |
|------|------|----|
| T19S | R15E | |
| S31 | S32 | |
| S6 | S5 | WC |
| T20S | | |
| 1930 | | |
- Raise a mound of stone, $4\frac{1}{2}$ ft. base, $3\frac{1}{2}$ ft. high, W. of cor.
- 11.70 Wash, drains S. 15° W.
- 30.60 Wash, drains SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|---------------|---|
| S31 | |
| $\frac{1}{4}$ | — |
| S6 | |
| 1930 | |
- Raise a mound of stone, 4 ft. base, 4 ft. high, N. of cor.
- 53.50 Wash, drains SW.
- 59.40 Wash, drains SW.
- 79.10 Wash, drains SW.
- 86.73 The cor. of Ts. 19 and 20 S., Rs. 14 and 15 E.
- Land, rolling clay hills.
 Soil, deep heavy clay; 4th rate.
 No timber.
 Undergrowth, shadscale, mountain rush, and yellow top.
 Poor grazing land.

INDEPENDENT RESURVEY WEST BOUNDARY, T. 19 S., R. 15 E.

Chains Independent resurvey superseding survey executed by A. D. Ferron, U.S. Deputy Surveyor, in 1884.

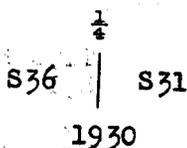
Note: none of the corners of the original survey of this boundary were found.

From the cor. of Ts. 19 and 20 S., Rs. 14 and 15 E. North, bet. secs. 31 and 36.

Over rolling and broken bench land, through a scant undergrowth, along the W. breaks of the Beckwith Plateau; ascend along a general SW. slope.

31.00 Wash, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked



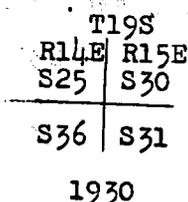
Raise a mound of stone, 5 ft. base, 4 ft. high, W. of cor.

40.20 Wash, drains SW.

54.60 Wash, drains S. 75° W.

77.00 Wash, drains SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 25, 30, 31, and 36, with brass cap marked



Raise a mound of stone, 4 ft. base, 4 ft. high, W. of cor.

Land, rolling clay hills.

Soil, deep heavy clay loam; 4th rate.

No timber.

Undergrowth, shadscale, yellow top, mountain rush, and grass.

Fair Grazing land.

North, bet. secs. 25 and 30.

Over rolling and broken land, across numerous small washes and spurs putting SW., through a scattered undergrowth.

7.30 Wash, drains SW.

12.30 Wash, drains W.

13.70 Spur, projects W.

16.00 Wash, drains S. 75° W.

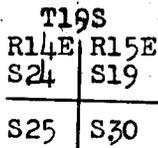
20.70 Spur, projects W.

INDEPENDENT RESURVEY WEST BOUNDARY, T. 19 S., R. 15 E.

Chains

- 24.30 Wash, drains NW.
- 32.80 Wash, drains SW.
- 37.50 Wash, drains SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

- Raise a mound of stone, 4 ft. base, 4 ft. high, W. of cor.
- 52.00 Wash, drains W.
- 54.50 Long spur, projects W.
- 58.00 Wash, drains SW.
- 65.80 Wash, drains SW.
- 73.20 Wash, drains SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 19, 24, 25, and 30, with brass cap marked



1930

1930

Deposit a sandstone, 6 x 4 x 2 ins., marked X, at the base of the post.

Land, broken bench facing W.; drainage, SW.
Soil, deep heavy clay loam; 4th rate.

No timber.

Undergrowth, shadscale, yellow top, mountain rush, and gramma grass.

Fair grazing land.

North, bet. secs. 19 and 24.

Over broken and rolling land, through a scant undergrowth.

- 10.70 Wash, drains W.
- 22.20 Main wash, drains SW.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked



1930

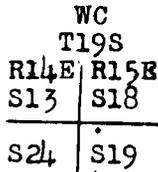
Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.

End of resurvey, thence with original survey.

SURVEY OF THE WEST BOUNDARY OF T. 19 S., R. 15 E.

Chains

- 42.90 Wash, drains S. 70° W.
- 45.80 Spur, projects S. 75° W.
- 48.00 Wash, drains SW.
- 65.40 Head of same wash, drains SE.
- 72.30 Spur, projects W.
- 78.10 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the witness cor. of secs. 13, 18, 19, and 24, with brass cap marked



1930

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor. set on spur projecting W.

80.00 True point for the cor. of secs. 13, 18, 19, and 24, fall on steep slope of blue shale, where the cor. monument cannot be set.

Land, broken bench facing SW.; drainage SW. Soil, deep heavy clay loam; 4th rate. No timber. Undergrowth, shadscale, yellow top, mountain rush, and grass. Fair grazing land.

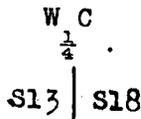
From the true point for the cor. of secs. 13, 18, 19, and 24.

North, bet. secs. 13 and 18.

Over rough mountainous land, through widely scattered timber and a scant undergrowth; ascend 875 ft. along a broken SW. slope over ledges.

39.90 On top of a ridge bearing NW. and SE.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the witness 1/4 sec. cor., with brass cap marked



1941

From which

A pinon, 3 ins. in diam., marked BT, bears N. 75°15' E. 27 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears N. 44°30' W. 75 lks. dist.

SURVEY OF THE WEST BOUNDARY OF T. 19 S., R. 15 E.

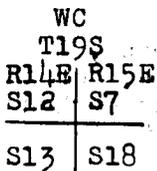
Chains

140.00 True point for the $\frac{1}{4}$ sec. cor. falls upon a steep N. slope, where the cor. monument cannot be perpetuated; descend 175 ft. along a NE. slope.

59.00 Rocky draw, drains N. 60° E.; ascend 190 ft. along a SE. slope.

70.00 Rocky spur, projects E., about 8 chains to end; descend 65 ft. along a steep NE. slope.

79.44 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a mound of stone, for the witness cor. of secs. 7, 12, 13, and 18, with brass cap marked



Deposit a sandstone, 9 x 7 x 3 ins., marked X, at the base of the post.

80.00 True point for the cor. of secs. 7, 12, 13, and 18, falls upon a steeply sloping sandstone outcropping, where the corner monument cannot be set.

Land, rough and broken sandstone ledges; drainage W. and NE. from the ridge at the 39.90 chs. point. Soil, shallow rocky clay loam; 4th rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, bitter brush, mountain rush, and grass. Poor grazing land.

From the true point for the cor. of secs. 7, 12, 13, and 18.

North, bet. secs. 7 and 12.

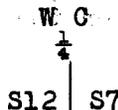
Over rough mountainous land, through scattered timber and scant undergrowth; descend 300 ft. along a NE. slope.

9.20 Draw, drains E. about 10 chains, thence NE.; ascend 550 ft. along a steep SE. slope over ledges.

27.70 Spur, projects E. about 10 chains to end; descend 75 ft. along a NE. slope.

39.14 At top of ledge about 60 ft. high.

Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to solid rock and in a mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked



1941

Deposit a sandstone, 7 x 5 x 3 ins., marked X, at the base of the post.

SURVEY OF THE WEST BOUNDARY OF T. 19 S., R. 15 E.

- Chains
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls upon steeply sloping sandstone ledge, where the cor. monument cannot be set; descend 400 ft. along a steep NE. slope over ledges.
 - 46.60 Draw, drains E.; ascend 365 ft. along a SE. slope over ledges.
 - 61.00 Spur, projects NE.; descend 165 ft. along a NE. slope.
 - 72.30 Draw, drains E.; ascend 75 ft. along a steep SE. slope over ledges to the corner.
 - 76.00 Stock trail, bears E. and W.
 - 80.00 Over a cross (X) cut into the solid sandstone.
- Set an iron post, 3 ft. long, 2 ins. in diam., in a large mound of stone, for the cor. of secs. 1, 6, 7, and 12, with brass cap marked

T19S	
R14E	R15E
S1	S6
S12	S7

1941

From which

- A pinon, 3 ins. in diam., marked BT, bears S. 87°15' E. 152 lks. dist.
- A pinon, 3 ins. in diam., marked BT, bears S. 73° W., 105 lks. dist.

No other suitable bearing trees available.

Land, rough and broken sandstone slopes; drainage, NE.
 Soil, shallow rocky clay loam; 4th rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, sagebrush, bitter brush, mountain rush, and grass.
 Fair grazing land.

North; bet. secs. 1 and 6.

- Over rough and broken land, through scattered timber and a scant undergrowth; ascend 450 ft. along a steep SE. slope over ledges.
- 15.50 Rim of the Beckwith Plateau, bears NE. and SW.; descend 200 ft. along a NE. slope.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls in bottom of wash draining NE., where the cor. monument cannot be perpetuated; ascend 30 ft. along a SE. slope.
- 40.62 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S1	S6

1941

SURVEY OF THE WEST BOUNDARY OF T. 19 S., R. 15 E.

Chains											
	Ascend 150 ft. along a SE. slope.										
61.35	Rim of the Beckwith Plateau, bears N. 60° E., and S. 60° W.; descend 380 ft. along a steep N. slope over ledges.										
80.00	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to solid rock and in a mound of stone, for the cor. of lots 5 and 6 sec. 6, and lots 1 and 10 sec. 1, with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T19S</td></tr> <tr><td style="text-align: center;">R14E</td><td style="text-align: center;">R15E</td></tr> <tr><td style="text-align: center;">1</td><td style="text-align: center;">5</td></tr> <tr><td style="text-align: center;">S1</td><td style="text-align: center;">S6</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: center;">6</td></tr> </table>	T19S		R14E	R15E	1	5	S1	S6	10	6
T19S											
R14E	R15E										
1	5										
S1	S6										
10	6										
	1941										
	Deposit a sandstone, 5 x 3 x 3 ins., marked X, at the base of the post.										
96.59	Leave a temporary closing cor. of Ts. 19 S., Rs. 14 and 15 E.										
	<p>Land, rough and mountainous with broken slopes; drainage, NE. Soil, sandy to rocky clay loam; 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, mountain rush, bitter brush, and grass. Fair grazing land.</p>										

SUBDIVISION OF T. 19 S., R. 15 E.

From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the township.

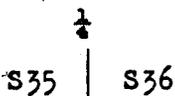
N. 0° 01' W., bet. secs. 35 and 36.

Over mountainous land, through scant undergrowth; descend 510 ft. along a precipitous NW. slope over ledges.

27.10 Draw, drains NE.; ascend 110 ft. along a SE. slope.

40.00 On top of a spur projecting NE.

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock and in a mound of stone, for the 1/4 sec. cor., with brass cap marked



1930

Deposit a sandstone, 8 x 4 x 2 ins., marked X, at the base of the post.

Descend 120 ft. along a NW. slope.

52.00 Long Canyon, drains S. 60° E.; ascend 265 ft. along a rugged SW. slope.

SUBDIVISION OF T. 19 S., R. 15 W.

Chains

75.07

Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a mound of stone, for witness cor. of secs. 25, 26, 35, and 36, with brass cap marked

W C	
T19S	R15E
S26	S25
S35	S36

1930

Deposit a sandstone, 8 x 4 x 2 ins., marked X, at the base of the post.

80.00

Point for the cor. of secs. 25, 26, 35, and 36, falls on steep sandstone ledge, where the monument cannot be erected

Land, rough and broken slopes in the bottom of Long Canyon drainage, SE.

Soil, shallow clay loam; 3rd rate. Timber, widely scattered juniper.

Undergrowth, shadscale, mountain rush, black brush, and grass.

Fair grazing land.

From the true point for the cor. of secs. 25, 26, 35, and 36.

East, on random line, bet. secs. 25 and 36.

40.00

Set temp. 1/4 sec. cor.

80.04

Intersect the E. bdy. of the township, 2 lks. N. of the cor. of secs. 25, 30, 31, and 36, an iron post, 2 ins. in diam., firmly set and properly marked as described in the official record.

Thence:

N. 89°59' W., on true line, bet. secs. 25 and 36.

Over rough and broken land, through a scattered undergrowth along a general S. slope over ledges.

38.00

Draw, drains S.

40.02

Set an iron post, 3 ft. long, 1 1/2 in. in diam., 27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S25
S36

1930

Raise a mound of stone, 5 ft. base, 3 1/2 ft. high, N. of

Continue along a broken S. slope over ledges facing S.

80.04

The true point for the cor. of secs. 25, 26, 35, and 36.

Land, rugged sandstone ledges on the S. side of Long Canyon.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

Soil, red sandy loam; 2nd rate.
 No timber.
 Undergrowth, shadscale and mountain rush.
 Poor grazing land.

From the true point for the cor. of secs. 25, 26, 35, and 36.

N. 89°01' W., bet. secs. 25 and 26.

Over mountainous land, through scattered timber and a scant undergrowth; ascend 350 ft. along a steep SW. slope over ledges.

16.00 Rim of Long Canyon, bears NW. and SE.; ascend 205 ft. along a steep SW. slope over ledges.

25.20 Spur, projects SW.; continue ascent along a SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S26	S25
-----	-----

1941

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Ascend 130 ft. along a steep SW. slope.

80.00 Set an iron post, 3 ft. long; 2 ins. in diam., 18 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 23, 24, 25, and 26, with brass cap marked

T19S	R15E
S23	S24

S26	S25
-----	-----

1941

Deposit a sandstone, 7 x 5 x 3 ins., marked X, at the base of the post.

Land, rough and broken mountain slopes; drainage, SE.
 Soil, heavy clay loam; 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, mountain rush, and grass.
 Poor grazing land.

S. 89°59' E., on random line, bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the E. bdy. of the township at a point 2 lks. N. of the cor. of secs. 19, 24, 25, and 30, an iron post, 2 ins. in diam., firmly set, properly marked and witnessed as described in the official record.

Thence:

N. 89°58' W., on true line, bet. secs. 24 and 25.

SUBDIVISION OF T. 19 S., R. 215 E.

Chains

Over rough mountainous land, through scattered timber and a scant undergrowth; ascend 425 ft. along a steep E. slope over ledges.

27.00 Rim of the Beckwith Plateau, bears N. 20° W. and S. 20° E. descend along a steep W. slope.

40.02 On solid rock, cut a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. in diam., in a large mound of stone, for the 1/4 sec. cor., with brass cap marked



1941

From which

A pinon, 3 ins. in diam., marked BT, bears S. 72°15' E. 45 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears N. 68° W., 60 lks. dist.

Descend 60 ft. along a W. slope.

41.20 Draw, drains NE.; ascend 120 ft. along a SE. slope.

72.00 Ridge, bears NW. and SE.; descend 25 ft. along a SW. slope.

78.00 Rim of the Beckwith Plateau, bears NW. and SE.; descend 145 ft. along a SW. slope.

80.04 The cor. of secs. 23, 24, 25, and 26.

Land, rough and broken mountain slopes; drainage SE. and SW. from the ridge at the 72.00 chs. point.
Soil, sandy to gravelly clay loam; 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, bitter brush, mountain rush, and grass.
Fair grazing land.

N. 0°01' W., bet. secs. 23 and 24.

Over mountainous land, through scattered timber and scant undergrowth; ascend 150 ft. along a SW. slope,

3.50 Rim of the Beckwith Plateau, bears N. 60° W. and S. 10° E. continue ascent of 25 ft. along a SW. slope.

9.90 Stock trail, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the 1/4 sec. cor., with brass cap marked



From which

A juniper, 8 ins. in diam., marked 1/4 S24 BT; bears S. 33° E., 173 lks. dist.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

A juniper, 8 ins. in diam., marked $\frac{1}{4}$ S23 BT, bears S. $40^{\circ}15'$ W., 132 lks. dist.

Continue along rolling top of plateau.

70.00 Low ridge, bears NE. and SW.; descend along a gentle NW. slope.

72.50 Stock trail, bears N. 30° E. and S. 30° W.

79.10 Wire and brush fence, bears N. 72° W. and S. 72° E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 13, 14, 23, and 24, with brass cap marked

T19S	R15E
S14	S13
S23	S24

1941

From which

A juniper, 3 ins. in diam., marked BT, bears N. 60° E., 57 lks. dist.

A juniper, 6 ins. in diam., marked T19S R15E S23 BT, bears S. $73^{\circ}15'$ W., 55 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears N. $63^{\circ}45'$ W., 121 lks. dist.

No other suitable bearing tree available.

Land, rolling top of plateau.
Soil, deep sandy loam; 2nd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, and grass.
Poor grazing land.

S. $89^{\circ}58'$ E., on a random line, bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township, an iron post, 2 ins. in diam., firmly set, and properly marked and witnessed as described in the official record.

Thence:

N. $89^{\circ}58'$ W., on true line, bet. secs. 13 and 24.

Over mountainous land, through scattered timber and a scant undergrowth; descend along a gentle SW. slope.

13.30 Stock trail, bears N. 15° W. and SE.

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S13
$\frac{1}{4}$
S24

1941

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

From which

A juniper, 3 ins. in diam., marked BT, bears S. 85°45' 51 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears N. 61°30' W 50 lks. dist.

From this cor., a small spring of good water known as Swasey's North Spring, bears about S. 48° W., about 18 chains dist.

63.90 Stock trail; bears N. and S.

74.80 Ridge, bears N. 30° E. and S. 30° W.; stock trail on top of ridge, bears with same.

80.04 The cor. of secs. 13, 14, 23, and 24.

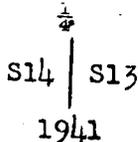
Land, gently rolling mountain top; drainage, SW. Soil, deep clay loam; 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, bitter brush, sage brush, mountain rush and grass. Fair grazing land.

N. 0°01' W., bet. secs. 13 and 14.

Over mountainous land, through scattered timber and a scant undergrowth; descend 65 ft. along a NW. slope.

26.20 Rim of the Beckwith Plateau, bears NE. and SW.; descend 365 ft. along a steep NW. slope over ledges.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked



Deposit a sandstone, 7 x 5 x 3 ins., at base of the post, marked X.

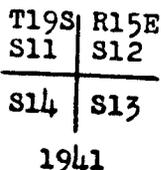
Descend 225 ft. along a steep NW. slope over ledges.

68.60 Draw, drains NW.; continue descent of 30 ft. along a NW. slope.

70.30 Rim of box canyon, bears NE. and SW.; descend 175 ft. along a steep NW. slope, over ledges.

79.50 Bottom of canyon, drains N. 30° E.; ascend 5 ft. along a SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 11, 12, 13, and 14, with brass cap marked



.SUBDIVISION OF T. 19 S., R. 15 E.

Chains

.ybd . Deposit a sandstone, 8 x 6 x 4 ins., marked X, at the base of the post.

Land, rough and broken slopes; drainage NE. Soil, shallow gravelly clay loam; 3rd rate.

Timber, dwarf juniper and pinon. Undergrowth, shadscale, mountain rush, bitter brush, and grass.

Fair grazing land.

Line of S. 89°58' E., on random line, bet. secs. 12 and 13.

Set temp. 1/4 sec. cor.

Intersect the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the township, an iron post, 2 ins. in diam., firmly set, properly marked and witnessed as described in the official record.

Thence:

N. 89°58' W., on true line, bet. secs. 12 and 13.

Over mountainous land, through scattered timber and scant undergrowth; ascend 135 ft. along an E. slope.

22.00 Stock trail, bears N. 30° E. and S. 30° W.

22.40 Spur, projects N.; descend 30 ft. along a NW. slope.

29.30 Draw, drains N.; ascend 45 ft. along a NE. slope.

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked

S12

S13

1941

Deposit a sandstone, 7 x 5 x 4 ins., marked X, at the base of the post.

42.70 Spur, projects N.; descend 50 ft. along a NW. slope.

59.60 Rim of the Beckwith Plateau, bears N. 30° E. and S. 30° W.; descend 375 ft. along a steep NW. slope over ledges.

76.70 Rim of box canyon, bears N. 40° E. and S. 30° W.; descend 220 ft. along a NW. slope over ledges.

79.70 Bottom of canyon, drains N. 30° E.; ascend 5 ft. along a NE. slope.

80.04 The cor. of secs. 11, 12, 13, and 14.

Land, rough and broken slopes; drainage, NE. Soil, gravelly to rocky clay loam; 4th rate.

Timber, dwarf juniper and pinon. Undergrowth, shadscale, mountain rush, and grass. Poor grazing land.

.SUBDIVISION OF T. 19 S., R. 15 E.

Chains

5112 9

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the township.

N. 0°01' W., bet. secs. 34 and 35.

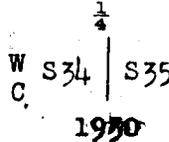
Over mountainous land, through a scant undergrowth; descend 475 ft. along a steep NE. slope over ledges.

16.00 Draw, drains N. 20° E.; ascend 560 ft. along a steep and rugged SE. slope over ledges.

37.20 Spur, projects E., about 12.00 chs. dist. to end; descend 90 ft. along a NW. slope to the witness $\frac{1}{4}$ sec. cor.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on steep sandstone ledge, where the cor. monument cannot be erected; therefore at a point 2,00 chs. east of the true cor. point:

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a large mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a sandstone, 5 x 3 x 2 ins., marked X, at the base of the post.

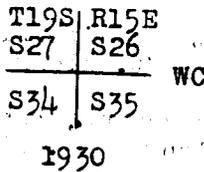
Continue from the true point for cor.

42.00 Head of rugged draw draining E.; ascend 300 ft. along a precipitous SE. slope.

52.50 Spur, projects N. 70° E.; descend 850 ft. along a steep and rugged NE. slope, over ledges.

80.00 Point for the cor. of secs. 26, 27, 34, and 35 falls upon a steeply sloping sandstone outcrop, where the cor. monument cannot be erected; there fore at a point, N. 89°56' W., 1.16 chs. dist. from the true cor. point:

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the witness cor. of secs. 26, 27, 34, and 35, with brass cap marked



Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.

Land, rough and broken mountain slopes bordering Long Canyon; drainage NE. Soil, heavy clay loam; 3rd rate. Sandstone outcrops and boulders on surface. No timber. Undergrowth, shadscale, yellow top, and mountain rush. Fair grazing land.

From the true point for the cor. of secs. 26, 27, 34, and 35.

SUBDIVISION OF T. 19 S., R. 15 E.

- Chains East, on a random line
bet. secs. 26 and 35.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 Intersect the true point for the cor. of secs. 25, 26, 35,
and 36, which is N. $0^{\circ}01'$ W., 4.93 chs. dist. from the
witness cor. of said secs.
- Thence, from the true point for cor.
- West, on true line, bet. secs. 26 and 35.
- Over mountainous land, through scant undergrowth; descend
465 ft. along a SW. slope over ledges.
- 15.50 Rocky draw, drains S., about 15.00 chs. to junction with
Long Canyon; ascend 350 ft. along a broken SE. slope, over
ledges.
- 32.00 Top of ascent on S. slope; descend 125 ft. along a SW.
slope.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
the ground to solid rock and in a large mound of stone,
for the $\frac{1}{4}$ sec. cor., with brass cap marked
- S26.
 $\frac{1}{4}$
S35

1930.
- Deposit a sandstone, 8 x 6 x 4 ins., marked X, at the base
of the post.
- Descend 325 ft. over a SW. slope over ledges.
- 70.80 Long Canyon, drains S. 20° E.; ascend 130 ft. along a NE.
slope over ledges.
- 80.04 Point for the cor. of secs. 26, 27, 34, and 35.
- land, rough and broken slopes bordering Long Canyon;
drainage, S.
Soil, shallow clay loam; 3rd rate. Sandstone outcrops and
boulders.
No timber.
Undergrowth; shadscale, yellow top, and mountain rush.
Poor grazing land.
-
- From the true point for the cor. of secs. 26, 27, 34, and
35.
- N. $0^{\circ}01'$ W.; bet. secs. 26 and 27.
- Over mountainous land, through scattered timber and scant
undergrowth; descend 180 ft. along a steep and rocky NE.
slope over ledges.
- 10.50 Long Canyon, drains S. 80° E. from the NW.; ascend 245 ft.
along a SW. slope, over ledges.
- 40.00 On a steep SW. slope,
- Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
the ground to solid rock and in a large mound of stone,
for the $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

S27 | S26

1941

Deposit a sandstone; 7 x 5 x 5 ins., marked X, at the base of the post.

Ascend 750 ft. along a SW. slope over ledges.

80.00 On a SW. slope.

Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 22, 23, 26, and 27, with brass cap marked

T19S R15E

S22 | S23

S27 | S26

1941

From which

A pinon, 3 ins. in diam., marked BT, bears S. 76°15' W. 56 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears N. 64°30' W. 118 lks. dist.

No other suitable bearing trees available.

Land, rough and broken sandstone slopes; drainage, S. Soil, shallow clay loam; 4th rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, mountain rush, and grass.

Poor grazing land.

East, on random line, bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 23, 24, 25, and 26.

Thence:

N. 89°59' W., on true line, bet. secs. 23 and 26.

Over mountainous land, through widely scattered timber and a scant undergrowth; descend 375 ft. along a SW. slope over ledges.

14.40 Draw, drains S. from the NW.; ascend 675 ft. along an E. slope over ledges.

33.70 Rim of the Beckwith Plateau, bears N. and S.; continue ascent along an E. slope.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked

SUBDIVISION OF, T. 19 S., R. 15 E.

Chains

$$\frac{1}{4} \frac{S23}{S26}$$

1941

From which

A pinon, 4 ins. in diam., marked BT, bears N. 45°15' E., 78 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears S. 6°15' W., 70 lks. dist.

Ascend over rolling top of plateau.

68.10 Rim of the Beckwith Plateau, bears N. and S. 10° E.; descend 325 ft. over a W. slope.

80.10 The cor. of secs. 22, 23, 26, and 27.

Land, rough and broken mountain slopes; drainage, SE. Soil, deep heavy clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, rabbit brush, mountain rush, and grass.

Fair grazing land.

N. 0°01' W., bet. secs. 22 and 23.

Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 425 ft. along a broken SW. slope over ledges.

34.20 Rim of the Beckwith Plateau, bears NW. and SE.; continue ascent over top of plateau.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock and in a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S22}{S23}$$

1941

From which

A pinon, 4 ins. in diam., marked $\frac{1}{4}$ S23 BT, bears N. 65°15' E., 60 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears S. 87°15' W., 124 lks. dist.

Ascend 95 ft. along a general W. slope over rolling top of plateau.

43.00 Stock trail, bears NW. and SE.

66.00 Stock trail, bears E. and W.

70.00 Broad top of ridge bearing NW. and S. 60° E.; descend 45 ft. along a NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 14, 15, 22, and 23, with brass cap marked

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

entire

T19S	R15E
S15	S14
S22	S23

1941

From which

A juniper, 3 ins. in diam., marked BT, bears N. 17°45' W. 55 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears S. 41°15' W. 88 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears N. 64°45' W. 53 lks. dist.

No other suitable bearing trees available.

Land, rough broken slopes on S. portion of mile, and rolling top of plateau on N. portion; drainage, SW. Soil, sandy loam; 3rd rate. Timber, dwarf juniper and pinon. Fair grazing land.

S. 89°59' E., on random line, bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the N. and S. line, 2 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence:

West, on true line, bet. secs. 14 and 23.

Over rolling top of Beckwith Plateau, along a general NE. slope over the heads of a series of small draws and spurs putting N. 30° W.

3.70 Brush and wire fence, bears N. 70° W. about 6 chains to E. at the head of a small box canyon draining northerly, and S. 70° E. Fence erected by Rodney Swasey.

6.50 Stock trail, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock and in a mound of stone, for the 1/4 sec. cor., with brass cap marked

S14

S23

1941

From which

A juniper, 4 ins. in diam., marked 1/4 S14 BT, bears N. 9° E., 100 lks. dist.

A juniper, 3 ins. in diam., marked BT, bears S. 39°45' W. 85 lks. dist.

Ascend 75 ft. along a NE. slope. The cor. of secs. 14, 15, 22, and 23.

80.00

00.08

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

Land, rolling plateau top; drainage, NE.
 Soil, deep sandy loam; 2nd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, rabbit brush, mountain rush, and grass.
 Fair grazing land.

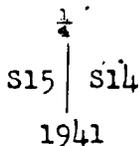
N. 0°01' W., bet. secs. 14 and 15.

Over broken top of plateau, descending along NE. slope over the heads of small draws and spurs putting E. and NE.

31.80 Stock trail, bears E. and W.

37.80 Stock trail, bears NW. and SE.

40.00 Set an iron post, 3 ft. long and 1 in. in diam., 4 ins. in the ground to solid rock and in a large mound of stone, for the 1 sec. cor., with brass cap marked



From which

A pinon, 3 ins. in diam., marked BT, bears N. 76° E., 69 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears S. 63°30' W., 42 lks. dist.

Ascend 75 ft. along a general SE. slope to the spur.

44.00 Wash, drains E.

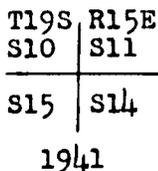
51.10 Wash, drains E.

56.40 Wash, drains SE.

61.00 Stock trail, bears NE. and SW.

71.20 Spur, projects S. 80° E.; descend 100 ft. along a NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground to solid rock and in a mound of stone, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked



From which

A pinon, 3 ins. in diam., marked BT, bears N. 43°45' E., 104 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears S. 33° E., 64 lks. dist.

A pinon, 3 ins. in diam., marked BT, bears S. 24°30' W., 107 lks. dist.

No other suitable bearing trees available.

SUBDIVISION OF T. 19 S. R. 15 E.

Chains

Land, broken bench draining E. and SE. Soil, shallow clay loam; 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, rabbit brush, mountain rush, and grass.
Fair grazing land.

N. 0°01' W., bet. secs. 10 and 11.

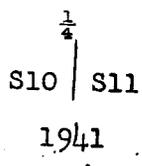
Over broken bench land, through scattered timber and a scant undergrowth; descend 65 ft. along a NE. slope.

23.00 Flat topped spur, projects NE.; descend 75 ft. along a NW. slope.

39.10 Draw, drains NW.; ascend 25 ft. along a SW. slope.

40.00 On a general W. slope.

Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in ground to solid rock and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked



From which

A juniper, 3 ins. in diam., marked BT, bears N. 22°15' 10 1/2 lks. dist.,

A pinon, 3 ins. in diam., marked BT, bears S. 35° W., 139 lks. dist.

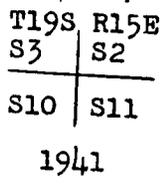
Continue descent along a general W. slope.

55.00 Wash, drains SW.; continue descent.

72.90 Rim of the Beckwith Plateau, bears SW. and N. 85° E.; descend 250 ft. along a NW. slope.

80.00 On steep NW. slope:

Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 2, 3, 10, and 11, with brass cap marked



Deposit a sandstone, 8 x 6 x 4 ins., at the base of the post, marked X.

No suitable bearing trees available.

Land, rolling and broken bench; drainage SE. in the S. and NE. in the N.

Soil, sandy to gravelly clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sage brush, mountain rush, rabbit brush, and grass.

Fair grazing land.

.SUBDIVISION OF T. 19 S., R. 15 E.

Chains

03 From the cor. of secs. 3; 4, 33; and 34, on the S. bdy. of the township.

N. 0°02' W.; bet. secs. 33 and 34.

Over rough mountainous land, through scattered growth of timber and scant undergrowth; descend along the top of Beckwith Plateau.

6.30 Draw, drains N. 60° E.; continue descent along a NE. slope.

14.70 Rim of the Beckwith Plateau, bears NW. and SE.; descend 960 ft. along an abrupt NE. slope over ledges.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

↑
S33 S34

1930

From which

A pinon, 8 ins. in diam., marked $\frac{1}{4}$ S34 BT, bears S. 76° E., 41 lks. dist.

A pinon, 6 ins. in diam., marked $\frac{1}{4}$ S33 BT, bears S. 84° W., 52 lks. dist.

Descend 110 ft. along a NE. slope.

50.20 Draw, drains NE.; ascend 60 ft. along a SE. slope.

58.20 Spur, projects NE., about 5 chains dist. to end; descend 40 ft. along a NW. slope.

61.90 Draw, drains NE.; ascend 325 ft. along a SE. slope.

73.80 Spur, projects E., about 15 chains to end; descend 255 ft. along a steep NE. slope, over ledges.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 27, 28, 33, and 34, with brass cap marked

T19S, R15E	
S28	S27

S33	S34

1930

Raise a mound of stone, 5 ft. base, 4 ft. high, W. of cor.

Land, rough and broken mountain slopes; drainage, NE. Soil, heavy clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, yellow top, and mountain rush.

Fair grazing land.

East, on random line, bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the N. and S. line, 9 lks. N. of the true point for the cor. of secs. 26, 27, 34, and 35, which is

SUBDIVISION OF T. 19 S., R. 115 E.

- Chains
- S. $89^{\circ}56'$ E., 1.16 chs. dist. from the witness cor. to the cor. of said secs.
- Thence, from the true point for cor. $50^{\circ}00'$ E.
- N. $89^{\circ}56'$ W., on true line, bet. secs. 27 and 34.
- Over rough broken land near bottom of Long Canyon, through scattered timber and scant undergrowth; ascend 10 ft. along a NE. slope.
- 1.16 The witness cor. to the cor. of secs. 26, 27, 34, and 35.
- Ascend 335 ft. along a NE. slope over ledges.
- 15.60 Spur, projects NE., about 10 chains to end; descend 215 ft. along a steep rugged NW. slope over ledges.
- 37.30 Main wash, drains NE.; ascend 50 ft. along a SE. slope.
- 39.70 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a large mound of stone, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked
- WC $\frac{1}{4}$ $\frac{S27}{S34}$
- 1930
- Deposit a sandstone, 6 x 4 x 2 ins., marked X, at the base of the post.
- 40.03 True point for the $\frac{1}{4}$ sec. cor. falls in a small sandstone wash draining SE., where the cor. monument cannot be erected.
- Ascend 30 ft. along a SE. slope.
- 41.10 Point of spur projecting from the N.; descend 45 ft. along a SW. slope.
- 45.10 Main wash, drains SE.; ascend 65 ft. along a NE. slope over ledges.
- 48.00 Top of ascent on N. slope; descend 45 ft. along a NW. slope.
- 49.20 Main wash, drains NE.; ascend 145 ft. along a SE. slope over ledges.
- 55.60 Top of ascent on a S. slope; descend 75 ft. along a SW. slope.
- 62.20 Main wash, drains S. 80° E.; ascend 335 ft. along an abrupt NE. slope.
- 80.06 The cor. of secs. 27, 28, 33, and 34.
- Land, rough and broken slopes; drainage, E.
- Soil, deep heavy clay loam; 3rd rate.
- Timber, dwarf juniper and pinon.
- Undergrowth, shadscale, yellow top, and mountain rush.
- Fair grazing land.
- N. $0^{\circ}02'$ W., bet. secs. 27 and 28.
- Over mountainous land, through scattered timber and a scant undergrowth; descend 170 ft. along a steep NE. slope.

SUBDIVISION OF T. 19 S., R. 15 E.

- Chains
to 1000
- ever ledges.
- 5.00 Draw, drains S. 80° E.; ascend 235 ft. along a SE. slope over ledges.
- 12.20 Spur, projects S. 70° E. about 12 chains to end; descend 35 ft. along a NE. slope.
- 25.50 Draw, drains S. 80° E.; ascend 620 ft. along a SE. slope over ledges.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 17 ins. in the ground to solid rock and in a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S28 | S27

1930

Deposit a sandstone, 9 x 5 x 3 ins., marked X, at the base of the post.

Ascend 10 ft. along a S. slope.

- 40.40 Rocky spur, projects E.; descend 925 ft. along a NE. slope over ledges.
- 54.00 Bottom of Long Canyon, drains S. 70° E.; ascend 1145 ft. along a S. slope over a series of high ledges.
- 80.00 On a SW. slope.

Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for the cor. of secs. 21, 22, 27, and 28, with brass cap marked

T19S | R15E
 S21 | S22

 S28 | S27

1941

From which

A juniper, 4 ins. in diam., marked BT, bears N. 54° E., 10 lks. dist.

A juniper, 4 ins. in diam., marked BT, bears S. 20°15'E., 51 lks. dist.

A juniper, 4 ins. in diam., marked BT, bears S. 30°30'W., 31 lks. dist.

A juniper, 4 ins. in diam., marked BT, bears N. 6° W., 24 lks. dist.

Land, rough and broken sandstone slopes; drainage, E.

Soil, shallow clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, yellow top, and mountain rush.

Poor grazing land.

S. 89°56' E., on random line, bet. secs. 22 and 27.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

79.94

Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 22, 23, 26, and 27.

Thence:

N. 89°51' W., on true line, bet. secs. 22 and 27.

Over mountainous land, through widely scattered timber and a scant undergrowth; descend 375 ft. along a broken SW. slope over ledges.

22.50

Draw, drains S.; ascend 295 ft. along a SE. slope.

39.97

True point for the 1/4 sec. cor. falls on a steeply sloping sandstone ledge, where the cor. monument cannot be erected ascend 80 ft. along a SE. slope over ledges.

43.88

On a SE. slope.

Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a mound of stone, for the witness 1/4 sec. cor., with brass cap marked

S22

1/4 — WC

S27

1941

From which

A juniper, 5 ins. in diam., marked WC 1/4 S27 BT, bears S. 11°45' W., 172 lks. dist.

No other suitable bearing trees available.

Ascend 175 ft. along a SE. slope.

77.00

Slope changes to a general S. slope.

79.94

The cor. of secs. 21, 22, 27, and 28.

Land, rough and broken mountain slopes; drainage, SE. Soil, shallow clay loam; 4th rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, rabbit brush, mountain rush, and grass. Fair grazing land.

N. 0°02' W., bet. secs. 21 and 22.

Over rough and broken mountain slopes, through scattered timber and a scant undergrowth; ascend 425 ft. along a SE. slope over ledges.

12.90

Rim of the Beckwith Plateau, bears NE. and W.; continue ascent along top of plateau.

28.80

Spur, projects E.; descend 25 ft. along a NE. slope.

34.98

Rim of the Beckwith Plateau, bears E. and N. 70° W.; descend 325 ft. along a NW. slope over ledges.

40.00

On steep NW. slope.

Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a large mound of stone, for the 1/4 sec. cor., with brass cap marked

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

1/4

21° 51' E. ... S21 | S22

1941

Deposit a sandstone, 7 x 5 x 3 ins., marked X, at the base of the post.

No suitable bearing trees available.

Descend 455 ft. along a steep NE. slope over ledges.

65.50 Draw, drains S. 60° E.; ascend 625 ft. along a steep S. slope over ledges.

80.00 On a steep S. slope.

Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 15, 16, 21, and 22, with brass cap marked

T19S	R15E
S16	S15
S21	S22

1941

Deposit a sandstone, 7 x 5 x 3 ins., marked X, at the base of the post.

No suitable bearing trees available.

Land, rough and broken sandstone ledges; drainage, NE.

Soil, shallow clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sage and rabbit brush, mountain rush, and grass.

Fair grazing land.

S. 89° 51' E., on a random line, bet. secs. 15 and 22.

40.00 Set a temp. 1/4 sec. cor.

79.92 Intersect the N. and S. line, 2 1/2 lks. S. of the corner of secs. 14, 15, 22, and 23.

Thence:

N. 89° 52' W., on true line, bet. secs. 15 and 22.

Over rolling land, through scattered timber and a scant undergrowth; ascend 75 ft. along a NE. slope.

10.00 Ridge, bears NW. and SE.; descend 125 ft. along a W. slope to the 1/4 sec. cor.

29.00 Stock trail, bears N. 30° W. and S. 30° E.

36.50 Stock trail, bears NW. and SE.

39.96 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S15

S22

1941

SUBDIVISION OF T. 19 S., R. 15 E.

Chains From which

ENTRANCE

- A juniper, 3 ins. in diam., marked BT, bears N.17°15'E. 136 lks. dist.
- A juniper, 5 ins. in diam., marked $\frac{1}{4}$ S22 BT, bears S. 11°45' E., 170 lks. dist.
- Descend 35 ft. along a W. slope.
- 43.80 Rim of the Beckwith Plateau, bears NW. and SE.; descend 325 ft. over an abrupt SW. slope.
- 57.30 Bottom of descent on S. slope; ascend 325 ft. along a SE. slope.
- 70.50 Point of the rim of the Beckwith Plateau, bears NE. and N. 60° W.; descend 290 ft. over a steep SW. slope over ledges.
- 79.92 The cor. of secs. 15, 16, 21, and 22.

Land, rough and broken sandstone slopes on the W. and rolling top of plateau on the E.; drainage, SW. Soil, deep heavy clay loam; 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sage and rabbit brush, mountain rush, and grass. Fair grazing land.

N. 0°02' W., bet. secs. 15 and 16.

- Over mountainous land, through scattered timber and a scant undergrowth; ascend 300 ft. along a steep S. slope of a sandstone rim.
- 5.70 Stock trail, bears N. 60° W. and S. 60° E.
- 6.00 Rim of the Beckwith Plateau, bears N. 70° W. and S. 70° E. ascend 75 ft. over S. slope of the top of plateau.
- 6.20 Recross trail, bears NE. and SW.
- 20.00 Top of plateau, bears E. and W.; continue across top.
- 28.70 Stock trail, bears E. and W.
- 37.80 Leave timber and enter open flat, edge bears NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked
- S16 | S15
1941

From which

- A juniper, 3 ins. in diam., marked BT, bears S. 12°30'E. 219 lks. dist.
- A juniper, 3 ins. in diam., marked BT, bears S. 63°15' W. 189 lks. dist.
- Ascend 75 ft. along a gentle SE. slope to the ridge.
- 64.00 Leave open flat and enter timber, edge bears NW. and SE.

SUBDIVISION OF T. 19 S., R. 15 E.

- 65.00 Chains Flat topped ridge, bears E. and W.; descend 45 ft. along a NW. slope.
- 73.70 Rim of the Beckwith Plateau, bears NE. and W.; descend 210 ft. along a steep NW. slope over ledges.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for the cor. of secs. 9, 10, 15, and 16, with brass cap marked.

T19S	R15E
S9	S10
S16	S15

1941

From which

- A pinon, 5 ins. in diam., marked T19S R15E S10 BT, bears N. 70°45' E., 134 lks. dist..
- A pinon, 3 ins. in diam., marked BT, bears S. 30°45' E., 52 lks. dist.
- A pinon, 3 ins. in diam., marked BT, bears S. 37° W., 75 lks. dist..
- A pinon, 3 ins. in diam., marked BT, bears N. 61°30' W., 102 lks. dist.

Land, nearly level; drainage, SE.
 Soil, deep sandy to gravelly clay loam; 2nd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, sage and rabbit brush, mountain rush, and grass.
 Good grazing land.

S. 89°52' E., on random line, bet. secs. 10 and 15.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 79.84 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 10, 11, 14, and 15.
- Thence:
- N. 89°49' W., on true line, bet. secs. 10 and 15.
- Over mountainous land, through scattering timber and a scant undergrowth; ascend 125 ft. along a NE. slope.
- 17.40 Spur, projects S. 60° E.; continue along a S. slope.
 - 25.60 Spur, projects N. 60° E.; descend 75 ft. along a NW. slope.
 - 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S10
$\frac{1}{4}$
S15

1941

From which

- A pinon, 3 ins. in diam., marked BT, bears N. 26°45' E., 62 lks. dist.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

- A pinon, 4 ins. in diam., marked $\frac{1}{4}$ S. 15 BT, bears S. $40^{\circ}30'$ E., 66 lks. dist.
- Descend 75 ft. along a NE. slope.
- 43.30 Stock trail, bears NE. and SW.
- 50.00 Bottom of depression draining N.; ascend 85 ft. along a NE. slope.
- 71.20 Spur, projects N. 15° E.; descend 85 ft. along a NW. slope.
- 79.84 The cor. of secs. 9, 10, 15, and 16.
- Land, rolling hills; drainage, E. and NE.
Soil, gravelly to rocky clay loam; 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sage and rabbit brush, mountain rush, and grass.
Fair grazing land.
-
- N. $0^{\circ}02'$ W., bet. secs. 9 and 10.
- Over mountainous land, through scattered timber and a scant undergrowth; descend 25 ft. over a NW. slope.
- 3.00 Rim of the Beckwith Plateau, bears NE. and W.; descend 485 ft. along a NW. slope.
- 24.10 Stock trail, bears NW. and SE.
- 24.50 Base of descent on NW. slope, drains W.; ascend 175 ft. along a SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S9 | S10
1941
- Deposit a sandstone, 7 x 5 x 3 ins., marked X, at the base of the post.
- Ascend 185 ft. along a SW. slope.
- 45.70 Rocky point, projects W., about 8 chains to end; descend 265 ft. along a NW. slope.
- 57.80 Base of descent on W. slope; ascend 280 ft. along a SW. slope.
- 70.00 Spur, projects W., about 10 chains; descend 175 ft. along a NW. slope.
- 73.55 On a steep NW. slope.
- Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for the witness cor. of secs. 3, 4, 9, and 10, with brass cap marked

SUBDIVISION OF T. 19 S., R. 15 E.

W C	
T19S	R15E
S4	S3
S9	S10

1941

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 True point for the cor. of secs. 3, 4, 9, and 10, falls upon a steep sandstone slope, where the cor. monument cannot be set.

Land, rough mountain slopes; drainage, NW.
Soil, shallow gravelly to rocky clay; 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, mountain rush, and rabbit brush.
Fair grazing land.

From the true point for the cor. of secs. 3, 4, 9, and 10.
S. 89°49' E., on random line, bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.80 intersect the N. and S. line, 9 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence:

N. 89°45' W., on true line, bet. secs. 3 and 10.

Over mountainous land, through scattered timber and a scant undergrowth; descend 165 ft. along a NW. slope over ledges.

22.00 Draw, drains N.; ascend 155 ft. along a NE. slope over ledges.

39.90 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the $\frac{1}{2}$ sec. cor., with brass cap marked

S3

S10

1941

From which

A juniper, 6 ins. in diam., marked $\frac{1}{2}$ S3 BT, bears N. 81° E., 77 lks. dist.

No other suitable bearing tree available.

Ascend 325 ft. along a NE. slope over ledges.

50.60 Rim of the Beckwith Plateau, bears N. 10° W. and S. 30° E.; ascend along a NE. slope.

51.80 Stock trail, bears N. and S. This trail descends the rim of the plateau about 8 chains northerly.

58.00 Spur, projects N.; descend 105 ft. along a NW. slope.

65.50 Rim of the Beckwith Plateau, bears N. and S.; descend 465 ft. along a NW. slope.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

79.80 The true point for the cor. of secs. 3, 4, 9, and 10.

Land, rough and broken mountain slopes; drainage NE. and NW. from the spur at the 58.00 chs. point. Soil, shallow gravelly to rocky loam; 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sage and rabbit brush, mountain rush, and grass. Fair grazing land.

From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the township.

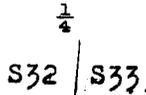
N. 0°03' W., bet. secs. 32 and 33.

Over rough mountainous land, through scattered timber and a scant undergrowth; ascend 200 ft. along a SW. slope over ledges.

9.75 Ridge, bears NW. and SE.; descend along a NE. slope.

22.70 Rim of the Beckwith Plateau, bears NW. and SE.; descend 405 ft. along a precipitous NE. slope over ledges.

40.00 Over a cross (X) cut in the solid surface rock. Set an iron pdst, 3 ft. long, 1 in. in diam., in a large mound of stone, for the 1/4 sec. cor., with brass cap marked



1930

From which

A pinon, 6 ins. in diam., marked 1/4 S32 BT, bears N. 46° W., 32 lks. dist.

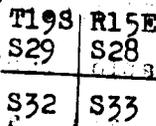
No other suitable bearing tree available.

Descend 200 ft. along a precipitous NE. slope over ledges

48.40 Draw, drains S. 70° E. for about half mile thence NE.; ascend 620 ft. along a steep SE. slope over ledges.

66.50 Spur, projects easterly; descend 135 ft. along a NW. slope

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 28, 29, 32, and 33, with brass cap marked



1930

From which

A pinon, 7 ins. in diam.; marked T19S R15E S28 BT; bears N. 74°15' E., 48 lks. dist.

A pinon, 6 ins. in diam., marked T19S R15E S33 BT; bears S. 59° E., 35 lks. dist.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains
NE goes

A pinon, 10 ins. in diam., marked T19S R15E S32 BT, bears S. 12°30' W., 26 lks. dist.

A pinon, 6 ins. in diam., marked T19S R15E S29 BT, bears N. 44°30' W., 32 lks. dist.

Land, rough and broken mountain slopes; drainage, NE.
Soil, heavy clay loam; 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, yellow top, mountain rush, and grass.
Fair grazing land.

East, on random line, bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 27, 28, 33, and 34.

Thence:

N. 89°58' W., on true line, bet. secs. 28 and 33.

Over rough mountainous land, through scattered timber and a scant undergrowth; ascend 65 ft. along a NE. slope.

8.90 Top of ascent on a N. slope; descend 30 ft. along a NW. slope.

18.10 Draw, drains NE.; ascend 470 ft. along a steep and rugged NE. slope over ledges.

28.50 Spur, projects NE. about 15 chains, thence easterly; descend 75 ft. along a NW. slope.

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S28

$\frac{1}{4}$ ———
S33

1930

Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor.

Descend 75 ft. along a NW. slope.

47.00 Ravine, drains NE.; ascend 530 ft. along a steep and rugged NE. slope over ledges.

57.80 Spur, projects NE. about 12 chains, thence easterly; descend 35 ft. along a NW. slope.

80.08 The cor. of secs. 28, 29, 32, and 33.

Land, rough and broken mountain slopes; drainage, NE.
Soil, heavy clay loam; 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, yellow top, and grass.
Fair grazing land.

N. 0° 03' W. bet. secs. 28 and 29.

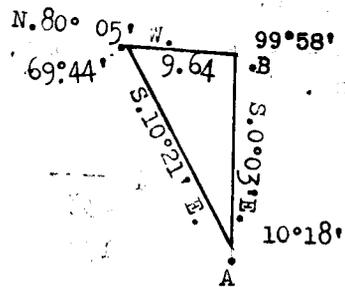
Over rough and broken mountainous land, through scattered timber and a scant undergrowth; descend 190 ft. along a NW. slope over ledges.

SUBDIVISION OF T. 19 S., R. 15 E.

- Chains
- 5.30 Draw, drains N. 60° E.; ascend 270 ft. along a steep slope over ledges.
- 22.30 Spur, projects E., about 25 chains to end; descend 75 ft. along a NE. slope.
- 26.50 Draw, drains E.; ascend along a SE. slope.
- 38.90 Spur, projects E.; descend 25 ft. along a NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S29 | S28
 1930

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of c.
- A small seeping spring rises about 15 lks. W. of the cor.
- Descend 380 ft. along a steep and rugged NE. slope.
- 58.60 Draw, drains NE.; ascend 35 ft. along a SE. slope.
- 65.70 Spur, projects NE. about 20 chains to end; descend 25 ft. along a NE. slope.
- 67.04 Sandstone rim bears NE. and SW. The line to the north crosses the steep breaks of Long Canyon and chaining is impracticable. Erect flag A at this point and flag B on line to the north. From B measure base line N. 80° 05' W. a distance of 9.64 chains. From the base end flag A at the 67.04 chain point bears S. 10° 21' E. and from flag B flag A bears S. 0° 03' E. All bearings checked by multiple deflection angles.



Distance by triangulation 50.58
 Distance on line 67.04
 117.62
 - 80.00
 Distance on line bet secs. 20 and 21 37.62

- 80.00 Point for the corner of secs. 20, 21, 28, and 29. Cor. set.
- Land, broken and ledgy mountain slopes; drainage, NE. Soil, shallow clay and rock; 3rd rate.
- Timber, dwarf juniper and pinon.
- Undergrowth, shadscale, mountain rush, sagebrush, yellow top, and grass.
- Fair grazing land.

N. 0° 03' W., bet. secs. 20 and 21.

Over broken slopes of mountainous land, through scattered timber and a scant undergrowth; desc. 250 ft. over NE. slope. Approximate distance to topography.

- 12.50 Bottom of Long Canyon, drains S. 60° E.; ascend 990 ft. over a ledgy SW. slope.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

37.62 Top of sandstone ledge, 100 ft. high, and rim of the Beckwith Plateau, bears N. 80° W, and SE.; ascend 30 ft. over broken top of plateau, and point B of triangulation. Thence by chaining:
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S20 | S21
 1941

From which

A juniper, 10 ins. in diam., marked $\frac{1}{4}$ S21 BT, bears S. 88°30' E., 64 lks. dist.

A juniper, 6 ins. in diam., marked $\frac{1}{4}$ S20 BT, bears N. 88°30' W., 61 lks. dist.

Continue along an E. slope.

41.60 Small draw; drains SE.; ascend 95 ft. along a SW. slope.

48.10 Ridge, bears NW. and SE.; descend 165 ft. along a broken NE. slope over small draws and spurs putting E.

72.60 Main wash, drains NE.; ascend 55 ft. along a SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to solid rock and in a large mound of stone, for the cor. of secs. 16, 17, 20, and 21, with brass cap marked

T19S R15E
 S17 | S16
 S20 | S21

1941

From which

A pinon, 6 ins. in diam., marked T19S R15E S21 BT, bears S. 35°30' E., 55 lks. dist.

A pinon, 4 ins. in diam., marked BT, bears S. 8°45' W., 46 lks. dist.

A pinon, 8 ins. in diam., marked T19S R15E S17 BT, bears N. 55°15' W., 59 lks. dist.

No suitable bearing tree available in sec. 16.

Land, rough and broken mountain slopes; drainage, E.

Soil, heavy clay loam; 3rd rate.

Timber, pinon and juniper.

Undergrowth, shadscale, mountain rush, yellow top, and grass.

Fair grazing land.

S. 89°58' E., on random line, bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 15, 16, 21, and 22.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

Thence:

N. 89°54' W., on true line, bet. secs. 16 and 21.

Over mountainous land, through widely scattered timber and a scant undergrowth; descend 325 ft. along a SW. slope.

32.50 Bottom of descent on S. slope; ascend 165 ft. along a S. slope.

40.10 Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S16}{S21}$

1941

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Ascend 430 ft. along a SE. slope.

61.90 Rim of the Beckwith Plateau, bears N. 10° E. and SE., at the bottom of small draw draining S. 70° E.; ascend 75 ft. along a NE. slope to cor.

69.00 Recross draw, drains N. 65° E.; continue ascent along a gentle NE. slope.

80.20 The cor. of secs. 16, 17, 20, and 21.

Land, rough and broken mountain slopes; drainage, NE. Soil, rocky clay loam; 4th rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, bitter brush, mountain rush, rabbit brush, and grass. Fair grazing land.

N. 0°03' W., bet. secs. 16 and 17.

Over mountainous land, through scattered timber and a scant undergrowth; ascend 135 ft. along a general E. slope, crossing several small draws and spurs putting

24.00 Stock trail, bears E. and W.

36.00 Ridge, bears E. and W.; descend along a NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 4 ins. in the ground to solid rock and in a large mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S17 | S16

1941

From which

A pinon, 4 ins. in diam., marked BT, bears S. 70°30' 45 lks. dist.

A pinon, 12 ins. in diam., marked $\frac{1}{4}$ S17 BT, bears S. 86°45' W., 48 lks. dist.

Descend 125 ft. along a NE. slope.

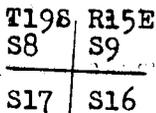
SUBDIVISION OF T. 19 S., R. 15 E.

Chains

56.20 Rim of the Beckwith Plateau, bears E. and W.; descend 660 ft. along a NW. slope, in bottom of draw draining N.

80.00 On a small point on the E. side of draw.

Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for the cor. of secs. 8, 9, 16 and 17, with brass cap marked



1941

From which

A pinon, 4 ins. in diam., marked BT, bears N. 7°30' E., 30 lks. dist.

A pinon, 8 ins. in diam., marked T19S R15E S17 BT, bears S. 20°15' W., 98 lks. dist.

A pinon, 4 ins. in diam., marked BT, bears N. 58°45' W., 12 lks. dist.

No suitable bearing tree in sec. 16 available.

Land, rough and broken mountain slopes; drainage, SE. and NW. from the ridge at the 36.00 chs. point.

Soil, gravelly to rocky clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sage and bitter brush, mountain rush, and grass.

Fair grazing land.

S. 89°54' E., on random line, bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect the N. and S. line, 11 lks. S. of the cor. of secs. 9, 10, 15, and 16.

Thence:

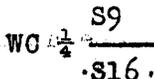
S. 89°59' W., on true line, bet. secs. 9 and 16.

Over rough and broken land, through scattered timber and a scant undergrowth; descend 55 ft. along a NW. slope.

24.00 Rim of the Beckwith Plateau, bears N. 80° E. and S. 80° W.; ascend 210 ft. along a SE. slope over ledges.

32.42 On top of spur projecting N.

Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock and in a large mound of stone, for the witness 1/4 sec. cor., with brass cap marked



1941

Deposit a sandstone, 5 x 3 x 2 ins., marked X, at the base of the post.

SUBDIVISION OF T. 49 S. 15 E.

Chains

- 40.10 Descend 685 ft. along a NW. slope over ledge and Point for the 1/4 sec. cor. falls on steep face of ledge, where the cor. monument cannot be erected.
- 62.00 Head of draw draining NE.; ascend 25 ft. along a NE. slope.
- 75.70 Low spur, projects N.; descend 95 ft. along a NW. slope.
- 80.20 The cor. of secs. 8, 9, 16, and 17.

Land, rough breaks of the N. rim of the Beckwith Plateau drainage, N.
 Soil, gravelly to rocky clay loam; 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, sagebrush, bitter brush, mountain rush, and grass.
 Fair grazing land.

From the true point for the cor. of secs. 5, 6, 31, and 32 on the S. bdy. of the township, which is East, 9.73 chs. dist. from the witness cor. of said secs.

N. 0°03' W., bet. secs. 31 and 32.

Over a broken W. slope, cut by numerous washes and spurs putting W. and SW.; through scant undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., .27 ins. in the ground, for the 1/4 sec. cor., with brass cap marked

S31 | S32

1930

Raise a mound of stone; 4 ft. base, 3 ft. high, W. of cor.

- 40.15 Main wash, drains N. 70° W.
- 79.80 Wash, drains NW.
- 80.00 True point for the cor. of secs. 29, 30, 31, and 32, falls on steep slope of N. bank of wash, where it is impossible to set the cor. monument; therefore, at a point, West, 68 lks. dist. from the true cor. point;

Set an iron post, 3 ft. long, 2 ins. in diam., .27 ins. in the ground, for the witness cor. for secs. 29, 30, 31, and 32, with brass cap marked

S30 | S29

S31 | S32

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.

Land, steep W. slope at the W. breaks of the Beckwith Plateau; drains, SW.
 Soil, deep heavy clay loam and blue shale; 3rd and 4th rate
 Undergrowth, shadscale, yellow top, and mountain rush.
 Poor grazing land.

SUBDIVISION OF T. 19 S., R. 15 E.

Chains

From the true point for the cor. of secs. 29, 30, 31, and 32.

East, on random line, bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the cor. of secs. 28, 29, 32, and 33.

Thence:

West, on true line, bet. secs. 29 and 32.

Over rough mountainous land, through scattered timber and a scant undergrowth; ascend 200 ft. along a NE. slope.

22.80 Spur, projects SE.; descend 115 ft. along a SW. slope.

30.80 Draw, drains SE.; ascend 50 ft. along a NE. slope.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock and in a mound of stone, for the $\frac{1}{4}$ sec. cor., with brass cap marked

S29

$\frac{1}{4}$ ———
S32

1930

From which:

A pinon, 12 ins. in diam., marked $\frac{1}{4}$ S29 BT, bears N. 12° E., 49 lks. dist.

A pinon, 12 ins. in diam., marked $\frac{1}{4}$ S32 BT, bears S. $57^{\circ}45'$ E., 12 lks. dist.

Ascend 20 ft. along a NE. slope.

43.00 Rim of the Beckwith Plateau, bears N. 10° W. and SE.; thence over rolling top of plateau.

55.00 Low ridge, bears NW. and SE.; descend along rolling top.

68.50 Rim of the Beckwith Plateau, bears NW. and SE.; descend 1275 ft. along a broken W. slope over ledges.

80.10 The true point for the cor. of secs. 29, 30, 31, and 32.

Land, rough and broken mountain slopes; drainage NE. and W. from the ridge at the 55.00 chs. point.

Soil, heavy clay loam; 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, yellow top, and mountain rush.

Poor grazing land.

From the true point for the cor. of secs. 29, 30, 31, and 32.

West, on random line, bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

86.48 Intersect the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the township.

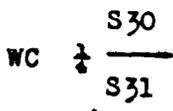
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SUBDIVISION OF T. 19 S., R. 15 E.

Chains

Thence:

- East, on true line, bet. secs. 30 and 31.
- Over rolling bench land, through scant undergrowth.
- 4.50 Wash, drains S. 60° W.
- 39.50 Recross wash, drains NW.
- 46.48 True point for the $\frac{1}{4}$ sec. cor. falls on steep clay slope, where the cor. monument cannot be set.
- 48.50 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the witness $\frac{1}{4}$ sec. cor., with brass cap marked



1930

- Raise a mound of stone, 4 ft. base, 4 ft. high, N. of cor.
 - 55.60 Recross wash, drains SW.
 - 81.40 Recross wash, drains N. 60° W.
 - 95.80 The witness cor. of secs. 29, 30, 31, and 32.
 - 96.48 True point for the cor. of secs. 29, 30, 31, and 32.
- Land, broken bench sloping W.
 Soil, deep heavy clay; 3rd. rate.
 No timber.
 Undergrowth, shadscale, yellow top, mountain rush, rabbit brush, and grass.
 Fair grazing land.

GENERAL DESCRIPTION OF T. 19 S., R. 15 E.

The surveyed portion of T. 19 S., R. 15 E., Salt Lake Meridian, Utah, consists of the rolling top and broken nearly inaccessible breaks of the Beckwith Plateau. It is of a sandstone formation and is from about 6,000 to 8,000 feet above sea level. The breaks of the plateau are a series of sandstone ledges varying in height from a few feet to several hundred. The upper ledge or rim of the series is the most prominent, and is recorded in the notes as the rim of the plateau. The rim is continuous throughout the township and is readily followed. There are two major drainage systems in the township. In the south is Long Canyon, heading in sections 17, 18, and 19 and leaving the township on the southern portion of the east boundary of section 36. On the north, there are many draws draining northeasterly into the Price River. The sides of these canyons and draws are similar to the other slopes of the plateau. In addition to these is Short Canyon, which heads in sections 24 and 25 and drains easterly. The only water in the township are three dripping springs, Coyote Spring in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ section 34, a spring in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ section 24, and a spring in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ section 25. All three of these springs were developed by Rodney Swasey, one of the applicants for the survey of this township, in connection with his claim. He has built trails to the springs and has constructed concrete watering troughs to retain the water developed. He has also constructed

GENERAL DESCRIPTION, T. 19 S., R. 15 E.

several small drift fences to control the movements of his stock. A small wet weather seep is also located just west of the $\frac{1}{4}$ section corner of sections 28 and 29.

The soil throughout the township, in general, is poor, and contains considerable clay. On the top of the plateau and the bottom lands of the wide draws and canyons, the soil is deep, and in places contains enough sand to make it fairly good. On the steep slopes the soil is very shallow and is nearly a straight clay and is very rocky. There are no areas of the surveyed portion of the township where the soil is suitable for cultivation.

The timber consists of a few scattered cottonwood trees found along the bottom lands of the canyons, and a scattered growth of dwarf juniper and pinon which is found mostly on the slopes and top of the plateau. None of the timber has any commercial value.

The undergrowth consists mainly of shadscale, mountain rush, rabbit and sage brush, yellow top, weeds, and grass. The vegetation is scant and shows evidence of extensive overgrazing. This is especially noticeable along the slopes, where bands of sheep have been permitted to graze, making many small trails which have developed into washes.

Several trails were found throughout the surveyed area, some built by the stockmen to supply their camps and others made by the stock moving from one area to another.

There are no settlers living permanently in the township, and it is being used as a grazing range for stock under the supervision of the Grazing Service. The nearest town is Green River, Utah, located by trail, about 20 miles to the south.

Practically the entire township is underlain with coal, but no important outcroppings were noted. No indications of oil, oil shale, or mineral were found.

4-220
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
<u>Luther E. Eggertsen</u>	Principal Assistant
<u>Claron E. Nelson</u>	Principal Assistant
<u>Diran Broun</u>	Chainman
<u>Frank Taylor</u>	Chainman
<u>A. Gordon Jensen</u>	Chainman
<u>Richard P. Bedier</u>	Chainman
<u>John Willie</u>	Flagman
<u>Garth Gardner</u>	Axeman
<u>Harvey Marsing</u>	Axeman
<u>E. S. Dibble</u>	Cornerman
<u>Raymond T. Trentina</u>	Cornerman
<u>DeVon M. Nielsen</u>	Cornerman

CERTIFICATE OF SURVEYOR

We, J. C. Clark and Robert C. Yundt,
Assistant Cadastral Engineers

HEREBY CERTIFY upon honor the

pursuance of special instructions bearing date of the 15th day of January, 1930

received from the district cadastral engineer for Utah, with assignment supplemental assignment instructions dated May 8, 1941 instructions dated May 10, 1930 and / I have surveyed independently resurveyed a portion of the west boundary; surveyed the south boundary and portions of the west boundary and subdivision of T. 19 S., R. 15 E.,

of the Salt Lake Meridian, in the State of Utah, which represented in the foregoing field notes as having been executed by me and under my direction; and that survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes

Salt Lake City, Utah, March 20, 1942

Salt Lake City, Utah, March 20, 1942

J. C. Clark
Assistant Cadastral Engineer
Robert C. Yundt
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Chief Cadastral Engineer,
OFFICE OF SUPERVISOR OF SURVEYS

Denver, Colorado, January 8, 1942

The foregoing field notes of the survey of independent resurvey of a portion of the west boundary; survey of the south boundary, and portions of the west boundary and subdivision of T. 19 S., R. 15 E.,

executed by J. C. Clark and Robert C. Yundt, Assistant Cadastral Engineers

under special instructions dated January 15, 1930, and assignment supplemental assignment instructions dated May 8, 1941, instructions dated May 10, 1930 and /

having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Acting Chief Cadastral Engineer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

A

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PART OF THE SOUTH BOUNDARY

SURVEY OF THE REMAINDER OF THE SOUTH, THE EAST, AND THE WEST BOUNDARIES,

PART OF THE SUBDIVISION, AND THE MEANDERS OF GREEN RIVER IN

TOWNSHIP 19 SOUTH, RANGE 16 EAST

Of the ~~SALT LAKE~~ Meridian,

in the State of UTAH

EXECUTED BY

ROBERT C. YUNDT, ASSISTANT CADASTRAL ENGINEER

Under special instructions dated January 15, 1930, which provided

for the surveys included under Group No. 219, bearing the approval of the

Commissioner of the General Land Office under date of April 7, 1930

Supplemental

and assignment instructions dated May 8, 1941 and June 10, 1942

Survey commenced May 15, 1941

Survey completed July 16, 1942

INDEX DIAGRAM.

Township 19 South, Range 16 East

19	6	5	4	3	41	2	28	1	15
			59	51		40		27	
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	68		58	49		38		26	
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Meanders, right bank of Green River, page 76

Meanders, left bank of Green River, page 69

Township 19 South, Range 16 East.

Chains

The survey was commenced on May 15, 1941 and was executed with Buff and Buff solar transit No. 9797. This instrument is provided with a horizontal plate with two double verniers, placed opposite to each other and graduated to single minutes of arc; it has a full vertical circle with one double vernier, likewise graduated to single minutes of arc. The instrument is equipt with an improved Smith solar attachment, but since the attachment was not used on this work, no description of it will be given. The transit was in good condition and was approved for use on the survey by the District Cadastral Engineer for Utah in assignment instructions dated May 15, 1941 and June 10, 1942, conditional upon satisfactory field tests. Prior to the commencement of the field work the instrument was tested and found free from error.

The measurements were made with Lallie steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angles determined by the use of clinometers, and the slope distances properly reduced to the horizontal equivalents. The horizontal distances are shown in these notes.

The data furnished with the special instructions indicates that the geographic position of the southeast corner of the township is in 39°07' north latitude and 110°07' west longitude. Latitude observations, taken on line during the progress of the survey, check the above value.

The bearings of the lines of the survey were determined by reference to true meridians established by Polaris observations made on line. The lines were carried forward as transit lines, taking the mean of direct and reversed sights at each instrument station; checking the bearings by succeeding observations. One of these observations follows:

At the original section corner of sections 3 and 34, Ts. 19 and 20 S., R. 16 E., hereinafter described, at 7h 33m 55s p.m., correct 105th Meridian standard time on May 21, 1941; I observe Polaris, west of the meridian, making four settings, two each with the telescope in direct and reversed positions, noting the time of the setting and the horizontal angle, turned counter-clockwise, between the star and a flag set on the corner of sections 3, 4, 33, and 34; Ts. 19 and 20 S., R. 16 E.

Mean horizontal angle	89°13'00"
Azimuth of Polaris	N. 0°48'00" W.
Bearing of reference line	S. 89°59'00" W.

Dependent Resurvey of the South Boundary of T. 19 S., R. 16 E.

Reestablishing the Survey Executed by Lewis and Blossom in 1898.

The corner of townships 19 and 20 south, ranges 15 and 16 east is marked by an iron post, 3 ins. in diameter, firmly set in the ground, properly marked and witnessed as described in the official record:

Thence:

N. 89°58' E. on a dependent resurvey, between sections 6 and 31.

Over mountainous land, through scattering timber and a scant undergrowth descend 95 ft. along a broken SE. slope.

8.45 Small draw, drains NE., continue descent along a NE. slope.

Dependent Resurvey of the South Boundary of Township 19 South, Range 16 East.

Chains

S. 89°58' E. on dependent resurvey, between sections 5 and 32.

Over mountainous land, through scattering timber and a scant undergrowth, along rolling bench in the canyon bottom.

13.60 Wash, drains S.

39.50 Wash, drains S.

40.00 The original 1/4 section corner, marked by a sandstone rock, 16x12x8 ins. firmly set in the ground, marked 1/4 on the north face, and witnessed by a mound of stone to the north: At the same point:

Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:

S32
1/4
S5
1941

Deposit the original stone alongside the iron post.

Thence:

S. 89°41' E. between sections 5 and 32.

Ascend 890 ft. along a broken SW. slope over ledges.

18.00 West edge of a point projecting from the Beckwith Plateau, bears N. and S.

21.00 Spur, projects S. descend 910 ft. along a SE. slope over ledges to the draw.

22.50 East edge of a point projecting from the Beckwith Plateau, bears N. and S.

39.50 Small draw, drains S.

40.18 The original corner of sections 4, 5, 32, and 33, marked by a sandstone rock, 20x10x10 ins., firmly set in the ground and marked with 2 notches on the west and 4 on the east corners, witnessed by a mound of stone to the west: At the same point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 4, 5, 32, and 33, with brass cap marked:

T19SRI6E
S32	S33
S5 | S4
T20S
1941

Deposit the original stone alongside the iron post.

Land, rolling mountains; drainage, SE.

Soil, heavy clay loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, mountain rush, amole, and grass.

Fair grazing.

Dependent Resurvey of the South Boundary of Township 19 South, Range 16

Chains

S. 89°56' E. on dependent resurvey, between sections 4 and 33.

Over mountainous land, through scattering timber and a scant undergrowth, ascend 1030 ft. along a broken SW. slope to the spur.

15.90 West rim of the Beckwith Plateau, bears NW. and SE.

33.40 Spur, projects SE., descend 250 ft. along a broken SE. slope.

40.08 The original 1/4 section corner, marked by a sandstone rock, 13x9x8 in. firmly set in the ground and marked 1/4 on the north face, witnessed by a mound of stone around the stone: At the same point:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



Deposit the original stone alongside the iron post.

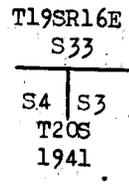
Thence:

S. 89°50' E. between sections 4 and 33.

25.50 East rim of the Beckwith Plateau, bears NW. and SE., descend 760 ft. along a steep NE. slope over ledges.

39.80 The original corner of sections 3, 4, 33, and 34, marked by a sandstone rock, 24x9x7 ins., firmly set in the ground and marked with 3 notches on the east and west corners, witnessed by a mound of stone to the west: At the same point:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 3 and 4, T. 20 S., R. 16 E. only, with brass cap marked:



Deposit the original stone alongside the iron post.

Land, rough and broken mountain slopes; drainage, SE. Soil, deep, heavy clay loam, 3rd rate. Timber, dwarf juniper. Undergrowth, shadscale, sagebrush, mountain rush, amole, and grass. Fair grazing.

N. 89°59' E. on a dependent resurvey, between sections 3 and 33.

Over rough and broken land, through scattering timber and a scant undergrowth; descend along a steep NE. slope.

.42 Point 40.00 chains in departure from the 1/4 section corner of sections 3 and 34, hereinafter described:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the



Dependent Recorder
Permanent Reference of the South Boundary of Township 19 South, Range 16 East

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 33 and 34, T. 19 S., R. 16 E., only, with brass cap marked:

T19SR16E
S33 | S34

S3

T20S

1941

Deposit a sandstone rock, 7x4x4 ins., marked with a cross (X) at the base of the post.
Thence between secs. 3. and 34.
Descend 350 ft. along a steep and rocky NE. slope.

16.51

The original meander corner of sections 3 and 34, marked by sandstone rock, 18x10x10 ins., firmly set in the ground and marked and witnessed as described in the official record: At the same point:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of section 3, T. 20 S., R. 16 E. only, with brass cap marked:

T19S
R16E
S34

S3 | MC
T20S

Deposit the original stone alongside the iron post.
Descend 25 ft. along a NE. slope.

16.60

Trail, bears NW. and SE.

17.00

Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of section 34, T. 19 S., R. 16 E. only, with brass cap marked:

T19S
R16E
S34

S3 | MC
T20S
1941

Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.
Thence across a channel of Green River.

20.74

Mean high water mark on the west side of an island in Green River: This island was shown upon the plat of the survey of T. 20 S., R. 16 E., approved October 31, 1899, but was not meandered at that time:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 3 and 34, with brass cap marked:

T19SR16E
S34

S3
T20S
1941

Chains							
	<p>Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.</p> <p>Thence across island.</p>						
26.01	<p>Mean high water mark on the east side of the island:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 3 and 34, with brass cap marked:</p> <div style="text-align: center;"> <table border="1"> <tr><td>T19SR16E</td></tr> <tr><td>S34</td></tr> <tr><td>MC</td></tr> <tr><td>S3</td></tr> <tr><td>T20S</td></tr> <tr><td>1941</td></tr> </table> </div>	T19SR16E	S34	MC	S3	T20S	1941
T19SR16E							
S34							
MC							
S3							
T20S							
1941							
	<p>Deposit a sandstone rock, 9x8x8 ins., marked with a cross (X) at the base of the post.</p> <p>Thence across channel of Green River.</p>						
31.37	<p>Mean high water mark on the left bank of Green River:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of section 34, T. 19 S., R. 16 E. only with brass cap marked:</p> <div style="text-align: center;"> <table border="1"> <tr><td>T19SR16E</td></tr> <tr><td>S34</td></tr> <tr><td>MC</td></tr> <tr><td>S3</td></tr> <tr><td>T20S</td></tr> <tr><td>1941</td></tr> </table> </div>	T19SR16E	S34	MC	S3	T20S	1941
T19SR16E							
S34							
MC							
S3							
T20S							
1941							
36.08	<p>Deposit a sandstone rock 7x7x5 ins., marked with a cross (X) at the base of the post, and raise a mound of stone, 3 ft. base and 2 ft. high to the west.</p> <p>Proportionate distance for the original meander corner of sections 3 and 34: The original monument was destroyed in the process of building a road along the river, the original stone, properly marked, was found on the ground at the side of the road:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the restored meander corner of section 3, T. 19 S., R. 16 E. only, with brass cap marked:</p> <div style="text-align: center;"> <table border="1"> <tr><td>T19SR16E</td></tr> <tr><td>S34</td></tr> <tr><td>MC</td></tr> <tr><td>S3</td></tr> <tr><td>T20S</td></tr> <tr><td>1941</td></tr> </table> </div>	T19SR16E	S34	MC	S3	T20S	1941
T19SR16E							
S34							
MC							
S3							
T20S							
1941							
	<p>Raise a mound of stone, 4 ft. base and 3 ft. high south of the post. The mound was placed in this position as a protection for the post. Deposit the original stone alongside the iron post.</p> <p>Ascend 65 ft. along a W. slope.</p>						
40.42	<p>The original $\frac{1}{4}$ section corner, marked by a sandstone rock, 14x10x10 ins., firmly set in the ground, and marked $\frac{1}{4}$ on the north face, and witnessed by a small mound of stone to the north: At the same point:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner of sections 3 and 34, with brass cap marked:</p>						

Dependent Resurvey of the South Boundary of Township 19 South, Range 16 East

Chains

S34
1/4
S3
1941

Deposit the original stone alongside the iron post, and raise a mound of stone, 3 ft. base and 2 ft. high, north of the post.

Thence:

East, between sections 3 and 34.

Ascend along a general SE. slope.

3.58 Low spur, projects SW.; descend 45 ft. along a NE. slope

4.88 Gulch, drains S. 60° W.; ascend 755 ft. along a NW. slope.

40.00 Record distance. No trace of the original corner of sections 2, 3, 34, and 35 can be found:

Set an iron post, 2 ft. long and 1 in. in diameter, 20 ins. in a hole drilled into solid sandstone bedrock, for the restored corner of sections 2, 3, 34, and 35, with brass cap marked:

T19SR16E
S34 | S35

S3 | S2
T20S
1941

Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.

Land, rough and broken mountain slopes; drainage NE. and W. into the river.

Soil, gravelly clay loam, 3rd rate.

Timber, none.

Undergrowth, shadscale, sagebrush, weeds, and grass. Narrow strip of willows along the river.

Fair grazing.

Original Survey South Boundary of Township 19 South, Range 16 East.

East, on true line, between sections 2 and 35.

Over rough and broken land, through scattering timber and a scant undergrowth, ascend 650 ft. along a NW. slope over ledges.

28.00 Sandstone ledge about 75 ft. high, bears NE. and SW., continue ascent along a broken NW. slope over ledges.

40.00 On a steep NW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the 1/4 section corner, with brass cap marked:

S35
1/4
S2
1941

Chains

Raise a mound of stone, 3 ft. base and 2 ft. high north of the
Ascend 445 ft. along a NW slope.

56.30

Top of ascent on a N. slope; descend 125 ft. along a NE. slope.

80.00

On a NE. slope:
Set an iron post, 3 ft. long and 2 ins. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 1, 2, 35, and 36, with brass cap marked:

T19SR16E

S35 S36

S2 | S1.

T20S

1941.

88.8

88.8

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes, drainage, W.
Soil, shallow sandy loam, 3rd rate.
Timber, none.
Undergrowth, shadscale, mountain rush, amole, and grass.
Fair grazing.

East, on true line, between sections 1 and 36.

Over mountainous land, through a scattering growth of timber and a scant undergrowth; descend 105 ft. along a NE. slope.

10.50

Draw, drains NW., ascend 385 ft. along a NW. slope.

32.60

Rocky spur, projects NW. from S. 80° E., descend 75 ft. along a NE. slope.

40.00

In a depression on the north slope of the spur:

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the corner, with brass cap marked:

S36

1/4

S1

1941

from which,

A juniper, 4 ins. in diameter, marked S1BT, bears S. 42°00' E., 29 links distant.

A pinon, 3 ins. in diameter, marked S36BT, bears N. 5°00' W., 70 links distant.

Deposit a sandstone rock, 10x8x6 ins., marked with a cross (X) at the base of the post.

Ascend 450 ft. along a NW. slope.

76.80

Top of ascent along a N. slope, bears N. and S., descend 45 ft. along a NE. slope.

80.00

On a NE. slope:

South Boundary of Township 19 South, Range 16 East.

Chains

Set an iron post, 3 ft. long and 3 ins. in diameter, 4 ins. in the ground to solid rock, and in a large mound of stone, for the corner of townships 19 and 20 south, ranges 16 and 17 east, with brass cap marked

T19S	
R26E	R17E
S36	S31
S1 S6	
T20S	
1941	

Deposit a sandstone rock, 8x8x4 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, W.
Soil, shallow sandy loam, 3rd rate.
Timber, dwarf juniper.
Undergrowth, shadscale, mountain rush, amole, and grass.
Good grazing.

East Boundary of Township 19 South, Range 16 East.

Beginning at the corner of townships 19 and 20 south, ranges 16 and 17 east:

Thence:

North, between sections 31 and 36.

Over rough and broken land, through widely scattered timber and a scant undergrowth; descend 150 ft. along a NW. slope.

- 5.50 Draw, drains N. 70° W., ascend 410 ft. along a rocky SW. slope over ledges.
- 27.70 South edge of bench, bears NW. and SE., descend along a gentle N. slope.
- 40.00 On sloping sandstone bedrock cut a cross (X) deeply into the surface to mark the true point for the 1/4 section corner.
- 40.21 Set an iron post, 3 ft. long and 1 in. in diameter, 13 ins. in the ground to solid rock, and in a mound of stone, for the witness 1/4 section corner, with brass cap marked:



from which,

A juniper, 3 ins. in diameter, marked BT only, bears S. 70° W., 20 links distant.

A pinon, 6 ins. in diameter, marked WC S31BT, bears S. 87° 30' E. 63 links distant.

Descend 65 ft. along a NE. slope.

- 42.40 Small draw, drains NW., ascend 60 ft. along a SW. slope.

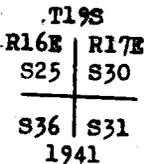
Chains

49.80 North rim of the bench, bears NW. and SE., descend 1075 ft. along a abrupt NW. slope over a series of sandstone ledges:

79.00 Draw, drains S. 80° W., ascend 45 ft. along a S. slope.

80.00 On a steep S. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 25, 30, 31, and 36, with brass cap marked:



Deposit a sandstone rock, 12x9x7 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, W.
Soil, shallow sandy loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, bitter brush, amole, and grass.
Fair grazing.

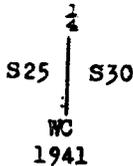
North, between sections 25 and 30

Over rough and broken mountainous land, through widely scattered timber and a scant undergrowth, ascend 1180 ft. over a steep S. slope over a series of ledges to the witness $\frac{1}{4}$ section corner.

40.00 Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone ledge, where the monument cannot be erected:

47.87 On top of a long spur projecting W.:

Set an iron post, 3 ft. long and 1 in. in diameter, 8 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Descend 550 ft. along a NW. slope over ledges.

80.00 On a N. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 8 ins. in the ground to solid rock, and in a large mound of stone, for the corner of sections 19, 24, 25, and 30, with brass cap marked:

Chains

T19S	
R16E	R17E
S24	S19

S25	S30
1941	

Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, W.
Soil, shallow sandy loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, bitter brush, amole, and grass.
Poor grazing.

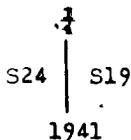
North, between sections 19 and 24.

Over rough and broken land, through widely scattered timber and a scant undergrowth, descend 300 ft. along a general N. slope, over ledges.

26.20 Bottom of box canyon, about 150 ft. deep and 5 chains wide, draining W., ascend 230 ft. along a broken SW. slope over ledges.

40.00 On a SW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner with brass cap marked:



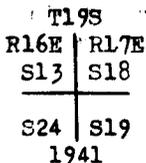
from which,

Deposit a sandstone rock, 10x8x6 ins., marked with a cross (X) at the base of the post.

Ascend 440 ft. along a SW. slope.

60.40 Spur, projects W., descend 565 ft. along a NW. slope, over ledges.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the corner of sections 13, 18, 19, and 24, with brass cap marked:



from which,

A juniper, 3 ins. in diameter, marked BT, only, bears S. 68°00' W., 43 links distant.

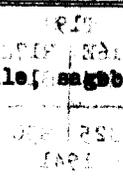
A juniper, 3 ins. in diameter, marked BT, only, bears N. 55°00' W., 34 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage W.
Soil, rocky loam, 4th rate.
Timber, dwarf juniper and pinon.

Chains

Undergrowth, shadscale, sagebrush, amole, weeds, and grass. along Fair grazing.



North, between sections 13 and 18.

Over rough, mountainous land, through scattering timber and a scant undergrowth; descend 270 ft. along a N. slope.

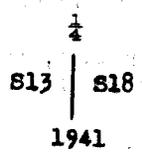
19.30

Canyon, drains SW., ascend 240 ft. along a SW. slope.

40.00

On a SW. slope:

Set an iron post, 3 ft. long and 2 in. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the 1/4 section corner, with brass cap marked:



Deposit a sandstone rock, 8x7x5 ins., marked with a cross (X) at the base of the post.

Ascend 460 ft. along a steep S. slope.

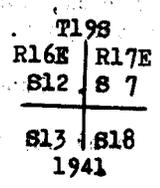
66.00

Spur, projects SW., descend 145 ft. along a SW. slope.

80.00

Over a cross (X) cut into solid sandstone bedrock in the bottom of a cove draining W.:

Set an iron post, 3 ft. long and 2 ins. in diameter, in a large mound of stone, for the corner of sections 7, 12, 13, and 18, with brass cap marked.



Land, rough mountain slopes; drainage, SW. Soil, shallow rocky loam, 4th rate.

Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, weeds, and grass. Fair grazing.

North, between sections 7 and 12.

Over rough and broken mountainous land, through widely scattered timber and a scant undergrowth; ascend 355 ft. along a steep S. slope.

7.10

Spur, projects W., descend 475 ft. along a NW. slope.

26.00

Draw, drains NW., ascend 65 ft. along a SW. slope.

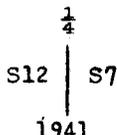
33.60

Spur, projects NW., descend 55 ft. along a NE. slope.

Chains

40.00 On a NE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

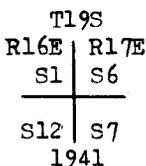


Deposit a sandstone rock, 8x7x6 ins., marked with a cross (X) at the base of the post.

Descend 530 ft. along a NE. slope.

68.40 Draw, drains NW., ascend along a SW. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 1, 6, 7, and 12, with brass cap marked:



Deposit a sandstone rock, 7x5x4 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, NW.
Soil, shallow gravelly to rocky loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, amole, weeds, and grass.
Fair grazing.

North, between sections 1 and 6.

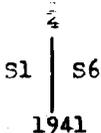
Over rough, mountainous land, through widely scattered timber and a scant undergrowth; along a general W. slope.

4.00 Draw, drains W., ascend 530 ft. along a SW. slope.

39.50 Spur, projects NW., descend along a NE. slope.

40.00 On a steep NE. slope, over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 10x10x8 ins., marked with a cross (X) at the base of the post.

Chains

Descend 615 ft. along a NE. slope.

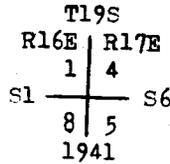
72.60

Draw, drains W., ascend 55 ft. along a SW. slope.

80.00

On a SW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the corner of 1 and 8 in section 1, and lots 4 and 5 in section 6, with brass cap marked:



Deposit a sandstone rock, 10x8x6 ins., marked with a cross (X) at the base of the post.

Ascend 560 ft. along a SW. slope.

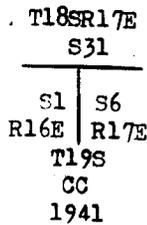
97.14

On top of a high ridge bearing NW. and S. 60° E.:

Intersect the south boundary of township 18 south, range 17 east at point 25.24 chains West of the corner of sections 31 and 32, marked an iron post, 2 ins. in diameter, firmly set, properly marked and witnessed as described in the official record:

At the point of intersection:

Set an iron post, 3 ft. long and 3 ins. in diameter, 10 ins. in the ground to solid rock, and in a large mound of stone, for the closing corner of township 19 south, ranges 16 and 17 east, with brass cap marked:



Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, W.
Soil, sandy to gravelly loam, 2nd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, mountain rush, amole, and grass.
Good grazing.

West Boundary of Township 19 South, Range 16 East

Beginning at the corner of townships 19 and 20 south, ranges 15 and 16 east:

Thence:

West Boundary of Township 19 South, Range 16 East

Chains

North, between sections 31 and 36.

Over rough, broken, mountainous land, through scattering timber and a scant undergrowth, ascend 80 ft. along a S. slope.

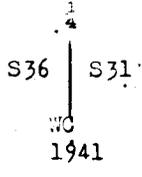
5.20 Low spur, projects SE., descend 250 ft. along a NE. slope over ledges.

19.80 Long Canyon, drains SE., ascend 765 ft: over a broken S. slope over ledges.

40.00 Point for the section corner falls upon a precipitous slope, where the monument cannot be erected.

43.70 On top of a minor spur projecting SW. from the NE.:

Set an iron post, 3 ft. long and 1 in. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

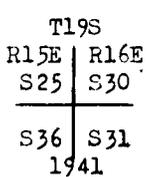


Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

Ascend 530 ft. along a broken S. slope over ledges.

78.00 Rim of the Beckwith Plateau, bears NW. and SE., thence across top.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 15 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 25, 30, 31, and 36, with brass cap marked:



from which,

A pinon, 3 ins. in diameter, marked BT, only, bears N. 65°00' E., 19 links distant.

A pinon, 3 ins. in diameter, marked BT, only, bears S. 40°00' W., 34 links distant.

A juniper, 3 ins. in diameter, marked BT, only, bears N. 70°00' W., 150 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage SE.
Soil, sandy to rocky loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, mountain rush, and grass.
Fair grazing.

North, between sections 25 and 30.

Over the top of the Beckwith Plateau, through a medium dense growth of

Chains

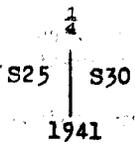
timber and a scant undergrowth.

21.40

Rim of the Beckwith Plateau, bears SE. and N. 10° W., descend 145 ft. along a NE. slope.

40.00

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 6x4x4 ins., marked with a cross (X) at the base of the post. No suitable trees available for marking.

Descend 460 ft. along a NE. slope.

41.90

Low spur, projects NE. continue descent.

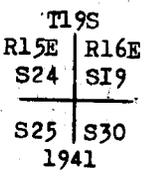
78.20

Old stock trail, bears NW. and SE.

80.00

On a NE. slope, over a cross (X) cut into solid bedrock:

Set an iron post, 3 ft. long and 2 ins. in diameter, in a large mound of stone, for the corner of sections 19, 24, 25, and 30, with brass cap marked:



from which,

A pinon, 12 ins. in diameter, marked T19SR16ES19BT, bears N. 49°45' E., 65 links distant.

A pinon, 8 ins. in diameter, marked T19SR16ES30BT, bears S. 60°30' E., 85 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage NE. Soil, sandy to rocky mountain loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass. Good grazing.

North, between sections 19 and 24.

Over mountainous land, through scattering timber and a scant undergrowth; descend 65 ft. along a NE. slope.

11.80

Short Canyon, drains S. 30° E., ascend 95 ft. along a SE. slope to the $\frac{1}{4}$ section corner.

18.50

Small draw, drains S. 10° E.

28.70

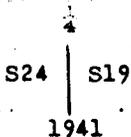
Stock trail, bears NW. and SE.

Chains

30.60 Stock trail, bears S. 15° W. and N. 15° E.

40.00 On a SE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked;



from which,

A juniper, 3 ins. in diameter, marked BT, only, bears S. 56°00' W., 63 links distant.

No other suitable tree available for marking.

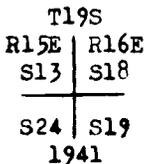
Ascend 480 ft. along a rocky SE. slope.

52.20 Rim of the Beckwith Plateau, bears N. 75° W. and S. 75° E., continue over top.

72.00 Old stock trail, bears E. and W.

80.00 On a gentle S. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 8 ins. in the ground to solid rock, and in a large mound of stone, for the corner of sections 13, 18, 19, and 24, with brass cap marked:



from which,

A pinon, 6 ins. in diameter, marked T19SR16ES18BT, bears N. 18°45' E., 115 links distant.

A pinon, 6 ins. in diameter, marked T19SR16ES19BT, bears S 37°15' E., 36 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, SE.

Soil, rocky loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, sagebrush, shadscale, bitter brush, mountain rush, and grass

Fair grazing.

North, between sections 13 and 18.

Over rolling top of the Beckwith Plateau, through scattering timber and a scant undergrowth;

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 8 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

Chains

1/4	
S13	S18

1941

from which,

A pinon, 3 ins. in diameter, marked BT, only, bears S. 54°00' E., 77 links distant.

No other suitable tree available for marking.

- 44.10 Stock trail, bears NE. and SW., ascend 75 ft. over a S. slope.
- 52.10 Spur, projects NE., descend 170 ft. along a NW. slope to the draw.
- 71.00 Old stock trail, bears N. 60° E. and S. 60° W.
- 75.20 Draw, drains N. 60° E., ascend 35 ft. along a SE. slope.
- 80.00 On a gentle SE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 6 ins. in the ground to solid rock, and in a large mound of stone, for the corner of sections 7, 12, 13, and 18, with brass cap marked:

T19S	
R15E	R16E
S12	S7
S13	S18
1941	

from which,

A pinon, 5 ins. in diameter, marked T19SR16ES7BT, bears N. 4°00' E., 128 links distant.

A pinon, 3 ins. in diameter, marked BT, only, bears N. 49°45' W., 129 links distant.

No other suitable tree available for marking.

Land, gently rolling; drainage, NE.
Soil, gravelly to rocky loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, sagebrush, shadscale, bitter brush, mountain rush, weeds and grass.
Fair grazing.

North, between sections 7 and 12.

Over rolling mountains, through scattered timber and a scant undergrowth; ascend 75 ft. along a SE. slope.

- 19.00 Top of ascent and rim of draw, bears NE. and SW., continue over top of plateau.

- 40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the section corner, with brass cap marked:

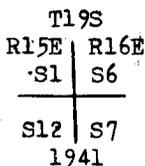
1/4	
S12	S7

1941

West Boundary of Township 19 South, Range 16 East.

Chains

from which,
 A juniper, 3 ins. in diameter, marked BT, only bears
 N. 15°15' E., 101 links distant.
 No other suitable tree available for marking.
 60.00 Begin descent along a gentle NW. slope.
 80.00 On a gentle NW. slope on the rim of the Beckwith Plateau, over a cross
 (X) cut into solid rock:
 Set an iron post, 3 ft. long and 2 ins. in diameter, in a large mound
 of stone, for the corner of sections 1, 6, 7, and 12, with brass cap
 marked:



from which,

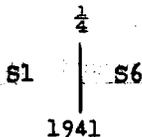
- A pinon, 8 ins. in diameter, marked T19SR15ES6BT, bears
N. 34°45' E., 113 links distant.
- A pinon, 3 ins. in diameter, marked BT, only, bears
S. 57°30' E., 33 links distant.
- A pinon, 3 ins. in diameter, marked BT, only, bears
S. 66°00' W., 31 links distant.
- A pinon, 8 ins. in diameter, marked T19SR15ES1BT, bears
N. 20°00' W., 96 links distant.

Land, gently rolling top; drainage, NE.
 Soil, sandy to gravelly loam, 2nd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, sagebrush, shadscale, mountain rush, and grass.
 Fair grazing.

North, between sections 1 and 6

Over mountainous land, through widely scattered timber and a scant
undergrowth, descend 15 ft. along a NW. slope.

- 1.50 Rim of the Beckwith Plateau, bears NE. and SW., descend 675 ft. along a
NW. slope over ledges.
- 40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the
ground to solid rock, and in a mound of stone, for the section
corner, with brass cap marked:



Deposit a sandstone rock, 7x5x3 ins., marked with a cross
(X) at the base of the post.

Continue descent along a NW. slope, along the west side of a spur.

West Boundary of Township 19 South, Range 16 East.

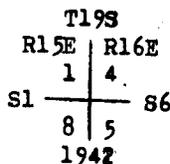
64.50

Spur, projects N. 30° W. from S. 10° E., continue descent of 405 f along a NE. slope.

80.00

On a NE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the corner of 1 and 8 in section 1 and lots 4 and 5 in section 6, with brass cap marked:



Deposit a sandstone rock, 7x6x4 ins., marked with a cross (X) at the base of the post.

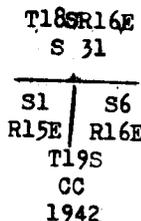
Descend 165 ft. along a NE. slope.

96.90

Intersect the south boundary of township 18 south, range 15 east at a point 25.25 chains west of the corner of sections 5, 6, 31, and 32 marked by an iron post, 3 ins. in diameter, firmly set in the ground properly marked and witnessed as described in the record, as this now stands for sections 31 and 32 in township 18 south, range 16 east only I efface the marks pertaining to sections 5 and 6 in township 18 south, range 16 east:

At the point of intersection:

Set an iron post, 3 ft. long and 3 ins. in diameter, 18 ins. in the ground to solid rock, and in a large mound of stone, for the closing corner of townships 19 south, ranges 15 and 16 east, with brass cap marked:



Deposit a sandstone rock, 7x6x6 ins., marked with a cross (X) at the base of the post.

Land rough and broken mountain slopes; Drainage, N. Soil, shallow clay loam, 4th rate. Timber, few widely scattered dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, rabbit brush, weeds, and grass. Poor grazing.

Subdivision of Township 19 South, Range 16 East

Beginning at the corner of sections 1, 2, 35, and 36 on the south boundary of the township:

Thence:

N. 0°01' W. between sections 35 and 36.

Chains

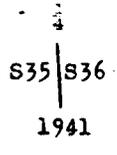
Over rough and broken land, through widely scattered timber and a scant undergrowth; descend 190 ft. over a general N. slope.

10.00 Draw, drains W., ascend 535 ft. along a SW. slope to the $\frac{1}{2}$ section corner.

24.90 Rim of bench, bears NW. and E., continue ascent.

40.00 On a SW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{2}$ section corner, with brass cap marked:



Deposit a sandstone rock, 7x5x4 ins., marked with a cross (X) at the base of the post.

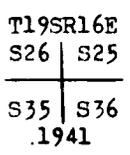
Ascend 75 ft. along a SW. slope.

43.80 Ridge, bears E. and W., descend 460 ft. along a N. slope to the corner.

74.70 Rim of bench, bears E. and W., descend abruptly over a N. slope.

80.00 On a steep N. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 25, 26, 35, and 36, with brass cap marked:



Deposit a sandstone rock, 7x6x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage SW. and NW. from the ridge at the 43.80 chain point.

Soil, shallow sandy to rocky loam, 3rd rate.

Timber, dwarf juniper and pinoak.

Undergrowth, shadscale, sagebrush, amole, mountain rush, and grass.

Fair grazing.

East, on a random line, between sections 25 and 36.

40.00 Set a temporary $\frac{1}{2}$ section corner.

79.98 Intersect the east boundary of the township at a point 2 links south of the corner of sections 25, 30, 31, and 36:

Thence:

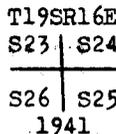
S. 89°59' W. on true line between sections 25 and 36.

Over mountainous land, through scattering timber and a scant undergrowth, descend 180 ft. along a SW. slope.

Chains	
11.00	Small draw, drains S. continue descent.
18.00	Small draw, drains S., continue descent.
32.00	Main draw, drains NW., ascend 75 ft. along a NE. slope.
39.99	Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked: <div style="text-align: center;"> $\begin{array}{r} S25 \\ \frac{1}{4} \\ \hline S36 \\ 1941 \end{array}$ </div>
	Deposit a sandstone rock, 7x5x4 ins., marked with a cross (X) at the base of the post.
	Ascend 765 ft. along a NE. slope over ledges.
70.20	Spur, projects N., continue ascent.
79.98	The corner of sections 25, 26, 35, and 36. Land, rough and broken mountain slopes; drainage, NW. Soil, heavy clay loam, 4th rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, mountain rush, and grass. Poor grazing.
	<hr/> N. 0°01' W. between sections 25 and 26. Over rough, mountainous land, through scattering timber and a scant undergrowth; descend 700 ft. over a broken N. slope to the bottom.
27.00	Trail, bears E. and W.
27.50	Vertical ledge about 100 ft. high, bears E. and W., descend abruptly
36.00	Bottom of canyon, drains W., ascend 400 ft. along a steep S. slope over ledges.
40.00	Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone bedrock, where the monument cannot be erected:
44.00	On top of a sandstone ledge about 100 ft high and on the north rim of the canyon, over a cross (X) cut into the ledge: Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked: <div style="text-align: center;"> $\begin{array}{c} \frac{1}{4} \\ \\ S26 \quad \quad S25 \\ \\ WC \\ 1941 \end{array}$ </div>
	Ascend 300 ft. over a steep and rocky S. slope.
76.20	Spur, projects W., continue along a W. slope.
80.00	On the north rim of the spur, over a cross (X) cut into solid sandstone bedrock:

Chains

Set an iron post, 3 ft. long and 2 ins. in diameter, in a large mound of stone, for the corner of sections 23, 24, 25, and 26, with brass cap marked:



Land, rough and broken mountain slopes; drainage, W.
Soil, shallow rocky loam, 4th rate.
Timber, widely scattered dwarf juniper.
Undergrowth, june grass, wheat grass, shadscale, and mountain rush.
Good grazing.

N. 89°59' E. on a random line between sections 24 and 25.

40.00 Set a temporary section corner.

79.98 Intersect the east boundary of the township at a point 14 links north of the corner of sections 19, 24, 25, and 30:

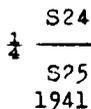
Thence:

N. 89°55' W. on true line, between sections 24 and 25.

Over mountainous land, through scattering timber and a scant undergrowth; ascend along a steep NE. slope.

39.99 On a steep NE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the section corner, with brass cap marked:



Deposit a sandstone rock, 6x4x4 ins., marked with a cross (X) at the base of the post.

Ascend 65 ft. along a NE. slope.

41.40 Spur, projects W. from S. 80° E., descend 210 ft. along the north edge of the spur.

79.98 The corner of sections 23, 24, 25, and 26.

Land, rough and broken mountain slopes; drainage NW.
Soil, gravelly clay loam, 2nd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, and grass.
Fair grazing.

N. 0°01' W. between sections 23 and 24.

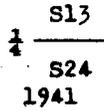
134

Subdivision of Township 17 South, Range 10 East

Chains	S1123												
	Over mountainous land, through scattering timber and a scant undergrowth, descend 510 ft. over a steep N. slope over ledges.												
25.00	Draw, drains W., ascend 450 ft. along a steep slope over ledges.												
40.00	Point for the $\frac{1}{4}$ section corner, falls upon steep sandstone slope, where the monument cannot be erected.												
43.43	On the north edge of the steep slope of the draw: Over a cross (X) cut into solid rock: Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked: <div style="text-align: center;"> <table border="1"> <tr><td></td><td>$\frac{1}{4}$</td><td></td></tr> <tr><td>S23</td><td> </td><td>S24</td></tr> <tr><td colspan="3" style="text-align: center;">W C</td></tr> <tr><td colspan="3" style="text-align: center;">1941</td></tr> </table> </div> <p>Ascend 105 ft. along a SW. slope.</p>		$\frac{1}{4}$		S23		S24	W C			1941		
	$\frac{1}{4}$												
S23		S24											
W C													
1941													
50.05	Rocky spur, projects W., descend 470 ft. along a steep N. slope.												
80.00	On a steep N. slope: Set an iron post, 3 ft. long and 2 ins. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 13, 14, 23, and 24, with brass cap marked: <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T19SR16E</td></tr> <tr><td>S14</td><td> </td><td>S13</td></tr> <tr><td colspan="3" style="text-align: center;">S23 S24</td></tr> <tr><td colspan="3" style="text-align: center;">1941</td></tr> </table> </div> <p>Deposit a sandstone rock, 14x8x5 ins., marked with a cross (X) at the base of the post.</p> <p>Land, rough and broken mountain slopes, drainage, NW. Soil, heavy clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, mountain rush, and grass. Fair grazing.</p>	T19SR16E		S14		S13	S23 S24			1941			
T19SR16E													
S14		S13											
S23 S24													
1941													
40.00	S. 89°55' E. on a random line between sections 13 and 24. Set a temporary $\frac{1}{4}$ section corner.												
79.98	Intersect the east boundary of the township at a point 11 links north of the corner of sections 13, 18, 19, and 24: Thence: N. 89°50' W. on true line, between sections 13 and 24. Over rough, mountainous land, through scattering timber and a scant undergrowth, descend 425 ft. along a SW. slope to the draw.												
20.00	Sandstone rim, bears NW. and SE., descend more abruptly over a SW. slope over ledges.												
32.00	Draw, drains NW., ascend 145 ft. along a NE. slope.												

Chains

39.99 Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Ascend 240 ft. along a NE. slope.

43.50 Rim of bench, bears NW. and SE., continue along a NE. slope.

46.90 Low spur, projects NW., descend 1170 ft. along a NW. slope.

79.98 The corner of sections 13, 14, 23, and 24.

Land, rough and broken mountain slopes; drainage, NW.
Soil, gravelly clay loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, and grass.
Fair grazing.

N. 0°01' W. between sections 13 and 14.

Over mountainous land, through widely scattered timber and a scant undergrowth; descend 580 ft. along a NW. slope to the draw.

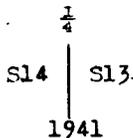
8.70 Old trail, bears N. 70° E. and S. 70° W.

17.70 Rim of bench, bears SW. and E., descend abruptly over ledges.

24.00 Draw, drains W., ascend 495 ft. along a SW. slope over ledges.

33.50 Rim of bench, bears NW. and SE., continue ascent along a SW. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 12x8x7 ins., marked with a cross (X) at the base of the post.

Ascend 510 ft. along a SW. slope over ledges.

50.50 Small draw, drains SW. continue ascent.

72.80 Sandstone rim, bears NE. and SW., continue ascent over a S. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 11, 12, 13, and 14, with brass cap marked:

T19SR16E
 S11 | S12
 S14 | S13
 1941

Chains

Land, rough and broken sandstone ledges; drainage, SW.
 Soil, sandy to gravelly loam, 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, mountain rush, and grass.
 Fair grazing.

40.00 S. 89°50' E. on a random line between sections 12 and 13.
 Set a temporary section corner.

79.94 Intersect the east boundary of the township at a point 25 links south of the corner of sections 7, 12, 13, and 18, with brass cap marked:

Thence:

N. 89°52' W. on true line between sections 12 and 13.

Over mountainous land, through scattering timber and a scant undergrowth, descend 320 ft. along a steep SW. slope.

39.97 Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S12
 S13
 1941

Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

Ascend 100 ft. along a SE. slope.

52.90 Low spur, projects S., descend 340 ft. along a SW. slope to the draw.

58.90 Rim of bench, bears N. and S., descend abruptly over ledges.

64.70 Draw, drains SW., ascend 325 ft. along a SE. slope to the corner.

76.70 Rim of bench, bears NE. and SW., continue ascent.

79.94 The corner of sections 11, 12, 13, and 14.

Land, rough and broken sandstone ledges; drainage, SW.
 Soil, shallow gravelly clay loam, 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, mountain rush, and grass.
 Fair grazing.

N. 0°01' W. between sections 11 and 12.

Over mountainous land, through widely scattered timber and a scant

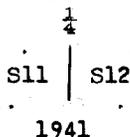
Subdivision of Township 19 South, Range 16 East

Chains

undergrowth, ascend 165 ft. along a SE. slope.

20.50 Spur, projects S. 60° W., descend 425 ft. along a NW. slope over ledges.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



Deposit a sandstone rock, 12x8x6 ins., marked with a cross (X) at the base of the post.

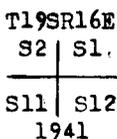
Descend 795 ft. over a steep NW. slope over ledges to the corner.

72.30 Rim of bench, bears NE. and SW., descend abruptly.

79.70 Stock trail, bears E. and W.

80.00 On a NW. slope overlooking the Green River:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the corner of sections 1, 2, 11, and 12, with brass cap marked:



Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.

Land, rough and broken mountain slopes; drainage, SW.
Soil, shallow gravelly loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, weeds, and grass.
Fair grazing.

S. 89°52' E. on a random line between sections 1 and 12.

40.00 Set a temporary 1/4 section corner.

79.94 Intersect the east boundary of the township at a point 12 links south of the corner of sections 1, 6, 7, and 12:

Thence:

N. 89°57' W. on true line between sections 1 and 12.

Over mountainous land, through widely scattered timber and a scant undergrowth, descend 95 ft. along a W. slope.

3.20 Small draw, drains NW., ascend over rolling bench.

39.97 Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:

Chains

S1
 $\frac{1}{4}$ ———
 S12.
 1941

Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

Continue along rolling land.

- 44.40 Stock trail, bears NE. and SW.
- 46.90 Rim of bench, bears NW. and SE., descend 480 ft. along a W. slope over ledges.
- 50.90 Draw, drains NW., ascend 505 ft. along a NE. slope over ledges.
- 55.90 Rim of bench, bears NW. and SE., continue across steep N. slope of sandstone.
- 62.20 Rim of bench, bears NE. and SW., descend 670 ft. along a NW. slope over ledges.
- 79.00 Trail, bears NE. and SW.
- 79.94 The corner of sections 1, 2, 11, and 12.

Land, rough and broken mountain slopes; drainage, NW.
 Soil, shallow gravelly loam, 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass.
 Fair grazing.

N. 0°01' W. on true line between sections 1 and 2.

Over bottom land of the river, through dense undergrowth of willows; descend 15 ft. along a NW. slope.

0.97 High water mark on the left bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 32 ins. in the ground, for the meander corner of sections 1 and 2 on the left bank of the river, with brass cap marked:

MC
 ———
 S2 | S1
 T19SR16E
 1941

Raise a mound of stone, 3 ft. base and 2 ft. high south of the post.

Thence across channel of river.

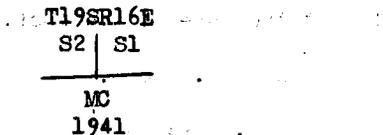
2.69 Mean high water mark on the south side of a small island:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 1 and 2 on the south side of the island, with brass cap marked:

Subdivision of Township 19 South, Range 16 East.

Jan 11 1941

Chains

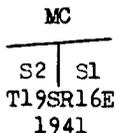


Raise a mound of stone, 3 ft. base and 2 ft. high north of the post.

Thence across island:

6.34 Mean high water mark on the north side of the island:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the meander corner of sections 1 and 2 on the north side of the island, with brass cap marked:

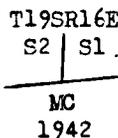


Raise a mound of stone, 3 ft. base and 2 ft. high south of the post.

Thence across channel of Green River.

9.62 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of sections 1 and 2 on the right bank of the river, with brass cap marked:



Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Leave willows and enter scant undergrowth and widely scattered timber, ascend 365 ft. over a steep S. slope over ledges.

10.15 Trail along river, bears NE. and W.

16.80 Rim of bench, bears NE. and W., ascend along a S. slope.

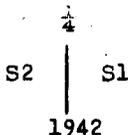
24.00 Stock trail, bears E. and W.

24.80 Small wash, drains S. 80° W.

34.40 Spur, projects S. 70° E., descend along a NE. slope.

40.00 On a NE. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the section corner, with brass cap marked:



Deposit a sandstone rock, 7x5x5 ins., marked with a cross

Chains

(X) at the base of the post.

Descend along a NE. slope.

57.45 Draw, drains SE., ascend along a S. slope.

70.80 Wash, drains NE., continue ascent along a SE. slope.

80.00 On top of a spur projecting E.:

Set an iron post, 3 ft. long and 1 in. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the corner of lot 4 and 5 in section 1 and lots 1 and 8 in section 2, with brass cap marked:

T19SR16E	
1	4
S2	S1
8	5
1942	

Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Descend 125 ft. along a NE. slope.

85.30 Draw, drains E., ascend 345 ft. over a SW. slope.

96.68 Intersect the south boundary of township 18 south, range 16 east at a point 13.55 chains East of the section corner of sections 1 and 36, an iron post, firmly set in the ground, properly marked and witnessed as described in the official record, as this post now stands for section 36 only, I efface the marked pertaining to section 1:

At the point of intersection:

Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the closing corner of sections 1 and 2, with brass cap marked:

T18SR16E	
S36	
S2	S1
CC	
T19S	
1942	

Deposit a sandstone rock, 6x6x6 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, SE.
 Soil, gravelly to rocky clay loam, 4th rate.
 Timber, dwarf juniper and pinon, willows along the river bed.
 Undergrowth, sagebrush, shadscale, mountain rush, weeds, and grass.
 Fair grazing.

Beginning at the corner of sections 2, 3, 34, and 35, on the south boundary of the township:

Thence:

N. 0°01' W. between sections 34 and 35.

Chains

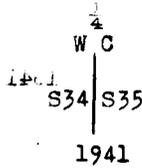
Over rough and broken mountains, through widely scattered timber and a scant undergrowth, descend 240 ft. over a steep and rocky NW. slope over small ledges.

8.70 Rocky draw, drains W., ascend 995 ft. along a steep S. slope over ledges.

25.50 Rim of bench, bears E. and W., continue ascent along a SW. slope.

37.65 On top of a high and rocky spur projecting W.:

Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 10x7x5 ins., marked with a cross (X) at the base of the post.

Descend 1220 ft. along a steep N. slope over ledges to the section corner.

40.00 Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone where the monument cannot be erected.

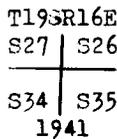
61.00 Rim of bench, bears E. and W., descend abruptly.

65.00 Base of steep descent, bears NE. and SW., continue along a NW. slope.

78.20 Trail, bears NE. and SW.

80.00 On a gentle NW. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the corner of sections 26, 27, 34, and 35, with brass cap marked:



Raise a mound of stone, 3 ft. base and 2 ft. high west of the post

Land, rough and broken mountain slopes; drainage, W. in the south and NW. in the north.

Soil, shallow rocky clay loam, 3rd rate.

Timber, shadscale, mountain rush, weeds, and grass.

Fair grazing.

East, on a random line between sections 26 and 35.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.24 Intersect the north and south line at a point 9 links south of the

9-11

Subdivision of Township 19 South, Range 16 East

142

Chains

the corner of sections 25, 26, 35, and 36:

Thence:

- S. 89°56' W. on true line between sections 26 and 35.
 Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 510 ft. along a NE. slope.
- 19.00 Rocky spur, projects N. 30° W., descend 670 ft. along a NW. slope over ledges.
- 40.12 Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner with brass cap marked:

S26
 $\frac{1}{4}$ ———
 1941

Deposit a sandstone rock, 8x4x4 ins., marked with a cross (X) at the base of the post.

Descend 75 ft. along a W. slope to the rim.

- 44.90 Old stock trail, bears NE. and SW.
- 45.20 Rim of bench, bears N. and S., descend 630 ft. along a broken W. slope over ledges to the corner.
- 46.70 Same trail on narrow ledge, bears N. and S.
- 64.60 Draw, drains N. 15° W., at base of steep descent, continue along a NW. slope.
- 75.20 Trail, bears N. 60° E. and S. 60° W.
- 80.24 The corner of sections 26, 27, 34, and 35.

Land, rough and broken sandstone slopes; drainage, NW.
 Soil, gravelly clay loam, 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, greasewood, mountain rush, weeds, and grass.
 Fair grazing.

N. 0°01' W. between sections 26 and 27.

Over bottom land of the river bed, through scattered timber and a scant undergrowth; descend 25 ft. along a NW. slope.

- 1.52 Mean high water mark on the left bank of the Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of sections 26 and 27 on the left bank of the river, with brass cap marked:

MC
 S27 | S26
 T19S R16E
 1941

Deposit a sandstone rock, 6x4x4 ins., marked with a cross

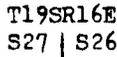
Chains

(X) at the base of the post.

Thence across river:

7.12 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of sections 26 and 27 on the right bank of the river, with brass cap marked:



MC
1941

Deposit a sandstone rock, 12x10x6 ins., marked with a cross (X) at the base of the post.

Ascend 160 ft. along a SE. slope.

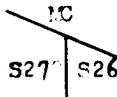
7.50 Trail, bears NE. and SW.

21.20 Top of ascent on an E. slope, descend 150 ft. along a NE. slope to the river.

37.50 Trail, bears NW. and SE.

38.35 Mean high water mark on the right bank of the Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, over a cross (X) cut into solid bedrock, for the meander corner of sections 26 and 27 on the right bank of the river, with brass cap marked:



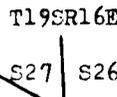
T19SR16E
1941

Deposit a sandstone rock, 10x10x8 ins., marked with a cross (X) at the base of the post.

Thence across river:

52.50 Mean high water mark on the left bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 26 and 27 on the left bank of the river, with brass cap marked:



MC
1941

Raise a mound of stone, 3 ft. base and 2 ft. high north of the post.

Ascend 775 ft. along a S. slope to the corner.

54.00 Trail, bears NW. and SE., ascend abruptly over ledges.

69.00 Rim of bench, bears N. 70° W. and S. 70° E., continue ascent.

80.00 On a steep S. slope:

Chains

Set an iron post, 3 ft. long and 2 ins. in diameter, 6 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 22, 23, 26, and 27, with brass cap marked:

T19SR16E	
S22	S23
S27	S26
1941	

Deposit a sandstone rock, 12x10x6 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage eastward into river.
 Soil, gravelly clay loam, 3rd rate.
 Timber, dwarf juniper and pinon on the slopes; willow and cottonwood along the river.
 Undergrowth, willow, iron wood, and poison oak along the river and shadscale, mountain rush, and rabbit brush on the slopes.
 Fair grazing.

N. 89°56' E. on a random line between sections 23 and 26.

40.00 Set a temporary section corner.

80.38 Intersect the north and south line at a point 9 links south of the corner of sections 23, 24, 25, and 26:

Thence:

S. 89°52' W. on true line between sections 23 and 26.

Over mountainous land, through widely scattered timber and a scant undergrowth, ascend 165 ft. along a NE. slope.

35.30 Spur, projects N. 40° W., descend 135 ft. along a SW. slope.

40.19 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S23	
$\frac{1}{4}$	S26
1941	

Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

Descend 375 ft. along a SW. slope.

80.38 The corner of sections 22, 23, 26, and 27.

Land, rough and broken mountain slopes; drainage, SW.
 Soil, gravelly clay loam, 3rd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, mountain rush, weeds, and grass.
 Fair grazing.

Chains

N. 0901' W. between sections 22 and 23.

Over mountainous land, through widely scattered timber and a scant undergrowth, ascend 350 ft. along a steep SW. slope.

6.70

South edge of flat topped spur projecting W., thence across top.

15.20

North edge of spur, descend 1100 ft. along a steep and rugged NW. slope over ledges to the draw.

30.20

Rim of bench, bears E. and W., descend abruptly, over ledges.

38.60

Draw, drains W., ascend 550 ft. along a SW. slope to the witness $\frac{1}{4}$ section corner.

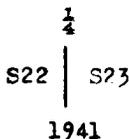
40.00

Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone, where the monument cannot be erected.

48.090n

the top of the rim of the bench, bearing E. and W., cut a cross (X) deeply into the sandstone and over which:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:



Ascend 150 ft. along a steep SW. slope.

60.30

Spur, projects W., descend 770 ft. along a steep NW. slope over ledges to the corner.

63.50

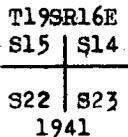
Rim of bench, bears E. and W., descend abruptly over ledges.

76.40

Trail, bears NE. and SW. at the foot of the abrupt descent, continue along a NW. slope in the bottom land of the Green River through small willows.

80.00

Set an iron post, 3 ft. long and 2 ins. in diameter, 30 ins. in the ground, for the corner of sections 14, 15, 22, and 23, with brass cap marked:



from which,

A cottonwood, 3 ins. in diameter, marked BT, only bears, N. 20°56' E., 32 links distant.

A cottonwood, 5 ins. in diameter, marked T19SR16ES23BT, bears S. 33°11' E., 46 links distant.

A cottonwood, 3 ins. in diameter, marked BT, only, bears S. 72°55' W., 22 links distant.

A cottonwood, 5 ins. in diameter, marked T19SR16ES15BT, bears N. 52°55' W., 36 links distant.

Land, rough and broken sandstone ledges; drainage, NW.

Soil, gravelly clay loam, 3rd rate.

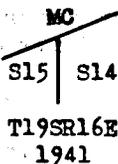
Timber, dwarf juniper and pinon; willows and cottonwood along the river.

Undergrowth, shadscale, rabbit brush, mountain rush, weeds, and grass.

Fair grazing.

Chains	
	N. 89°52' E. on a random line between sections 14 and 23.
40.00	Set a temporary $\frac{1}{4}$ section corner.
80.36	Intersect the north and south line at a point 9 links south of the corner of sections 13, 14, 23, and 24:
	Thence:
	S. 89°48' W. on true line between sections 14 and 23.
	Over mountainous land, through scattering timber and a scant undergrowth, descend 65 ft. along a NW. slope.
20.40	Rim of bench, bears NE. and SW., descend 420 ft. along a NW. slope to the $\frac{1}{4}$ section corner over ledges.
32.10	Low spur, projects NW. continue descent.
40.18	Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:
	$\begin{array}{r} S14 \\ \hline S23 \\ 1941 \end{array}$
	Deposit a sandstone rock, 8x8x6 ins., marked with a cross (X) at the base of the post.
	Descend 165 ft. along a SW. slope over ledges.
44.10	Draw, drains NW., continue descent along a W. slope.
52.40	Base of steep descent, bears S. 60° W. and NE., continue descent along a NW. slope.
58.10	Trail, bears NW. and SE.
70.50	Trail, bears NE. and SW.
80.36	The corner of sections 14, 15, 22, and 23.
	Land, rough and broken mountain slopes; drainage, NW. Soil, gravelly clay loam, 3rd rate. Timber, dwarf juniper and pinon; willows along the river bed. Undergrowth, shadscale, rabbit brush, mountain rush, weeds, and grass. Fair grazing.
	<hr/>
	N. 0°01' W. between sections 14 and 15.
	Over bottom land of the river, through dense willows.
5.23	Mean high water mark on the left bank of Green River.
	Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the meander corner of sections 14 and 15 on the left bank of the river, with brass cap marked:

Chains

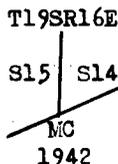


Raise a mound of stone, 3 ft. base and 2 ft. high south of the post.

Thence across river:

19.13 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of sections 14 and 15 on the right bank of the river, with brass cap marked:



Deposit sandstone rock, 15x4x3 ins., marked with a cross (X) at the base of the post.

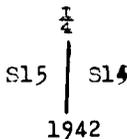
Ascend 435 ft. along a SE. slope to the spur.

19.50 Trail, bears E. and W., ascend abruptly over ledges.

32.50 Rocky spur, projects E., descend 175 ft. along a NE. slope over ledges

40.00 On a NE. slope: Over a cross (X) cut into solid rock:

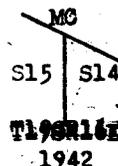
Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the section corner, with brass cap marked:



Descend 225 ft. along a broken NE. slope over ledges.

58.59 Mean high water mark on the right bank of the Green River.

Set an iron post, 3 ft. long and 1 in. in diameter, 32 ins. in the ground, for the meander corner of sections 14 and 15 on the right bank of the river, with brass cap marked:



Raise a mound of stone, 3 ft. base and 2 ft. high south of the post

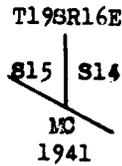
Thence across river:

70.95 Mean high water mark on the left bank of the Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the

Chains

ground, for the meander corner of sections 14 and 15 on the left bank of the river, with brass cap marked:



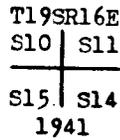
Raise a mound of stone, 3 ft. base and 2 ft. high north of the post.

Ascend 295 ft. along a SW. slope to the corner.

72.00 Trail, bears NW. and SE.

80.00 On a SW. slope, in boulders:

Set an iron post, 3 ft. long and 2 ins. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 10, 11, 14, and 15, with brass cap marked:



Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Land, rocky mountain slopes, drainage into river.

Soil, loose, gravelly clay loam, 3rd rate.

Timber, small willows.

Undergrowth, willows, poison oak, shadscale, weeds, and grass.

Fair grazing.

N. 89°48' E. on a random line between sections 11 and 14.

40.00 Set a temporary 1/4 section corner.

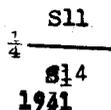
80.36 Intersect the north and south line at a point 7 links south of the corner of sections 11, 12, 13, and 14:

Thence:

S. 89°45' W. on true line between sections 11 and 14.

Over mountainous land, through widely scattered timber and a scant undergrowth, descend along a gentle SW. slope.

40.18 Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



Deposit a sandstone rock, 9x7x4 ins., marked with a cross (X) at the base of the post.

Chains

Continue descent along a SW. slope.

51.60 Descent becomes more abrupt, edge bearing N. and S., descend 525 ft. along a SW. slope over ledges.

70.10 Rim of beach, bears NW. and SE., descend abruptly over ledges.

80.36 The corner of sections 10, 11, 14, and 15.

Land, rough and broken mountain slopes; drainage, SW.
Soil, shallow gravelly loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass.
Fair grazing.

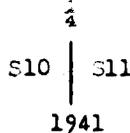
N. 0°01' W. between sections 10 and 11.

Over mountainous land, through a scant undergrowth, ascend 175 ft. along a SW. slope, over ledges.

15.00 Top of ascent on a W. slope, descend 450 ft. along a NW. slope over ledges.

40.00 On a NW. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

The corner stands at the base of a steep descent, edge bearing NE. and SW., descend 20 ft. along a gentle NW. slope.

47.36 Intersect mean high water mark on the left bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the meander corner of sections 10 and 11 on the left bank of the river, with brass cap marked:



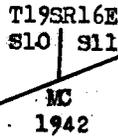
Raise a mound of stone, 3 ft. base and 2 ft. high south of the post.

Thence across river:

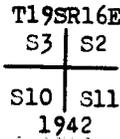
63.59 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the meander corner of sections 10 and 11 on the right bank of the river, with brass cap marked:

Chains



- 63.90 Trail, bears NE. and SW., ascend 465 ft. along a SE. slope over ledge
- 76.10 Rim of bench, bears NE. and SW., ascend along a gentle SE. slope.
- 80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 2, 3, 10, and 11, with brass cap marked:



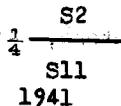
Deposit a limestone rock, 5x4x3 ins., marked with a cross (X) at the base of the post.

Land, rough mountain slopes; drainage W. and SE. into the river. Soil, heavy clay loam, 3rd rate. Timber, none. Undergrowth, shadscale, weeds, and grass. Poison oak along river. Poor grazing.

- 40.00 N. 89°45' E. on a random line between sections 2 and 11. Set a temporary 1/4 section corner.
- 80.40 Intersect the corner of sections 1, 2, 11, and 12.

Thence:

- S. 89°45' W. on true line between sections 2 and 11
- Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 590 ft. along a broken NE. slope to the rim.
- 1.60 Trail, bears S. 80° E. and N. 80° W.
- 17.50 Rim of bench, bears S. 80° E. and West, continue along rim.
- 31.50 Leave rim, bears East and SW., descend 460 ft. along a NW. slope.
- 40.20 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



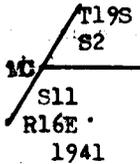
Deposit a sandstone rock, 8x6x6 ins., marked with a cross (X) at the base of the post.

- 44.10 Descend 145 ft. along a NW. slope to the meander corner. Trail, bears NE. and SW.

Chains

45.16 Mean high water mark on the left bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 2 and 11, with brass cap marked:

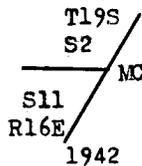


Raise a mound of stone, 3 ft. base and 2 ft. high east of the post:

Thence across the river:

55.93 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 2 and 11 on the right bank of the river, with brass cap marked:



Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.

Ascend 450 ft. along a SE. slope over ledges to the rim.

56.40 Trail, bears NE. and SW.

60.00 Wash drains SE.

78.50 Rim of bench, bears NE. and SW., ascend along a gentle SE. slope.

80.40 The corner of sections 2, 3, 10, and 11.

Land, rough mountain slopes; drainage, NW. and SE. into the river. Soil, heavy clay loam, 4th rate.

Timber, dwarf juniper and pinon, few willows along the river banks.

Undergrowth, shadscale, sagebrush, weeds and grass, willows and poison oak along the river banks.

Poor grazing.

N. 0°01' W. on true line between sections 2 and 3.

Over mountainous land, through scattering timber and a scant undergrowth; ascend along a gentle SE. slope.

7.00 Rim of bench, bears E. and NW.; descend 350 ft. along a NE. slope over ledges.

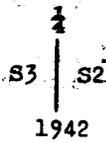
25.00 Draw drains SE., ascend 350 ft. along a broken SW. slope over ledges.

35.00 Rim of bench, bears NW. and SE., ascend along a SW. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 22 ins. in the ground to solid rock, and in a mound of stone, for the 1/2 section corner

Chains

with brass cap marked:



Deposit a sandstone rock, 4x3x2 ins., marked with a cross (X) at the base of the post.

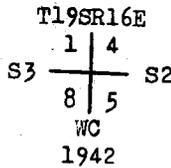
Ascend 235 ft. along a SW. slope.

51.60 Spur, projects SE., descend 135 ft. along a NE. slope.

71.20 Draw, drains SE., ascend 475 ft. along a S. slope.

80.00 Point for the lot corner falls upon a steep S. slope in loose earth where the monument cannot be perpetuated: Ascend 545 ft. over a steep S. slope.

87.21 Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the W. c. of lot 4 and 5 in section 2 and lots 1 and 8 in section 3, with brass cap marked:



Deposit a sandstone rock, 4x3x2 ins., marked with a cross (X) at the base of the post.

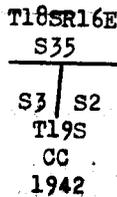
Ascend 135 ft. along a S. slope.

89.40 Sandstone rim, bears E. and W., descend along a gentle N. slope.

96.85 Intersect the north boundary of the township at a point 12.95 chains East of the section corner of sections 2 and 35, marked by an iron post, 1 in. in diameter, firmly set in the ground, properly marked and witnessed as described in the official record; as this now refers to section 35 only, the marks pertaining to section 2 are effaced:

At the point of intersection:

Set an iron post, 3 ft. long and 2 in. in diameter, 8 ins. in the ground to solid rock, and in a large mound of stone, for the closing corner of sections 2 and 3, with brass cap marked:



Deposit a sandstone rock, 5x4x2 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, SE.
 Soil, rocky clay loam, 4th rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, sagebrush, bitter brush, weeds, and grass.
 Poor grazing.

Subdivision of Township 19 South, Range 16 East

Chains

Beginning at the corner of sections 33 and 34 on the south boundary of the township:

Thence:

N. 0°02' W. between sections 33 and 34.

Over mountainous land, through a scant undergrowth, descend 245 ft. along a NE. slope.

18.50

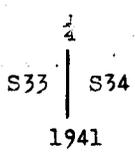
Draw, drains E., continue along a steep E. slope.

32.40

Draw, drains SE., ascend along a gentle SE. slope.

40.00

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



Deposit a sandstone rock, 9x8x7 ins., marked with a cross (X) at the base of the post.

Descend along a gentle NE. slope.

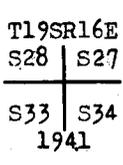
69.50

Draw in the bottom of short canyon, drains N. 80° E., ascend 130 ft. along a S. slope.

80.00

On a steep S. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 27, 28, 33, and 34, with brass cap marked:



Deposit a sandstone rock, 7x7x5 ins., marked with a cross (X) at the base of the post.

Land, rough mountain slopes; drainage, E. Soil, shallow sandy loam, 3rd rate. Timber, none. Undergrowth, shadscale, sagebrush, mountain rush, amole, weeds and grass. Goor grazing.

East, on a random line between sections 27 and 34.

40.00

Set a temporary 1/4 section corner.

80.00

Intersect the north and south line at a point 42 links south of the corner of sections 26, 27, 34, and 35:

Thence:

Handwritten mark

Chains

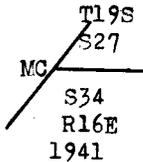
S. 89°59' W. on true line between sections 27 and 34.

Over nearly level land, through a scant undergrowth, descend along a gentle NW. slope.

3.07

Mean high water mark on the left bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone; for the meander corner of sections 27 and 34 on the left bank of the river, with brass cap marked:



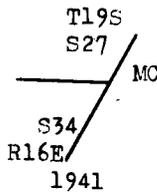
Raise a mound of stone, 3 ft. base and 2 ft. high east of the post.

Thence across river:

22.33

Mean high water mark on the right bank of the Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the meander corner of sections 27 and 34, on the right bank of the River, with brass cap marked:



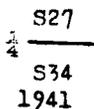
Deposit a sandstone rock, 9x8x7 ins., marked with a cross (X) at the base of the post.

Ascend along a gentle SE. slope.

40.00

In the bottom of a small draw draining S.:

Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 7x5x4 ins., marked with a cross (X) at the base of the post.

Ascend 145 ft. along a SE. slope.

54.80

Low spur, projects S., descend 130 ft. along a SW. slope.

75.10

Rocky gulch, drains S., ascend 45 ft. along a SE. slope.

80.00

The corner of sections 27, 28, 33, and 34.

Land, low rolling hills in the west and river land in the east, drainage; SE. and NW. into the river.

Subdivision of Township 19 South, Range 16 East

Chains

Soil, heavy clay loam, 3rd rate.
Timber, few scattered willows along the river bank.
Undergrowth, shadscale, weeds and grass. Poison oak along the river.
Fair grazing.

N. 0°02' W. between sections 27 and 28.

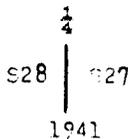
Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 990 ft. along a broken S. slope over ledges.

25.50 South rim of the Beckwith Plateau, bears E. and W., descend along the rolling top of the plateau.

35.60 South rim of a draw draining E, bears E. and W., descend 320 ft. along a steep N. slope over ledges.

40.00 On a steep N. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the section corner, with brass cap marked:



Deposit: sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

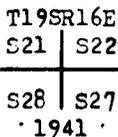
Descend 825 ft. along a steep N. slope over a series of ledges to the draw.

55.00 Rim of the Beckwith Plateau, bears E. and W., descend abruptly.

70.50 Draw in the bottom of Sand Knolls Canyon, drains NE., ascend 575 ft. along a steep S. slope over ledges.

80.00 On top of a high ledge on the east end of a point of the Beckwith Plateau, and over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 2 ins. in diameter, in a large mound of stone, for the corner of sections 21, 22, 27, and 28, with brass cap marked:



Land, rough and broken mountain slopes; drainage, E.
Soil, shallow sandy loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass.
Fair grazing.

N. 89°59' E. on a random line between sections 22 and 27.

Subdivision of Township 19 South, Range 16 East

Chains	
40.00	Set a temporary section corner.
80.06	Intersect the north and south line at a point, 92 links north of the corner of sections 22, 23, 26, and 27:
	Thence:
	West, on true line, between sections 22 and 27.
	Over mountainous land, through widely scattered timber and a scant undergrowth, descend along a SW. slope.
18.20	Rim of bench, bears N. 70° W. and S. 70° E., descend 755 ft. along a SW. slope over a series of ledges.
34.00	Stock trail, bears NW. and SE.
39.02	Mean high water mark on the left bank of Green River:
	Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 22 and 27 on the left bank of the river, with brass cap, marked:
	<pre> T19S S22 MC --- S27 R16E 1941 </pre>
	from which,
	A cottonwood, 30 ins. in diameter, marked T19SR16ES22MCBT, bears N. 73°45' E., 106 links distant.
	A cottonwood, 16 ins. in diameter, marked T19SR16ES27MCBT, bears S. 78°13' E., 126 links distant.
	Thence across river:
40.03	Point for the section corner falls in the stream.
52.23	Intersect the mean high water mark on the right bank of Green River:
	Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 22 and 27 on the right bank of the river, with brass cap marked:
	<pre> T19S S22 --- MC S27 R16E 1941 </pre>
	Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.
	Ascend 125 ft. along a NE. slope.
53.20	Trail, bears N. and S.
58.70	Sandy spur, projects N. 30° E., descend 85 ft. along a NW. slope.
73.70	Sand Knolls Canyon, drains NE., ascend 590 ft. along a SE. slope over ledges.
80.06	The corner of sections 21, 22, 27, and 28.
	Land, rough and broken sandstone slopes; drainage, SW. and NE. into the river. Soil, heavy clay loam, 3rd rate.

Chains

Timber, dwarf juniper and pinon; willows and cottonwood along river. Undergrowth, shadscale, sagebrush, weeds, and grass; willows and poison oak along the river.
Fair grazing.

N. 0°02' W. between sections 21 and 22.

Over mountainous land, through widely scattered timber and a scant undergrowth; across the point of the plateau.

2.50 North edge of the point, descend 605 ft. along a steep NE. slope over ledges.

31.00 Wash, drains E., continue along a broken E. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the $\frac{1}{4}$ section corner, with brass cap marked:

S21		S22
-----	--	-----

1941.

Raise a mound of stone, 3 ft. base and 2 ft. high, west of the post.

Ascend 765 ft. along a broken SE. slope over ledges to the rim.

45.70 Small draw, drains E., continue ascent.

59.50 Wash, drains E., continue ascent.

76.80 Rim of the Beckwith Plateau, bears W. and NE., thence across top.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 15, 16, 21, and 22, with brass cap marked:

T19SR16E		
S16		S15

S21		S22
-----	--	-----

1941

Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken slopes bordering the river; drainage, E.

Soil, heavy clay, 3rd rate.

Undergrowth, shadscale, sagebrush, mountain rush, amole, and grass.

Timber, dwarf juniper and pinon.

Fair grazing.

East, on a random line between sections 15 and 22.

40.00 Set a temporary $\frac{1}{4}$ section corner.

89.12 Intersect the corner of sections 14, 15, 22, and 23:

Chains	
	<p>Thence: West, on true line, between sections 15 and 22, over bottom land of the river, through dense willows, descend 15 ft. along a NW. slope.</p>
4.70	<p>Mean high water mark on the left bank of Green River:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 15 and 22 on the left bank of the river, with brass cap marked:</p> <div style="text-align: center;"> </div> <p>Raise a mound of stone, 3 ft. base and 2 ft. high, east of the post.</p> <p>Thence across river.</p>
19.55	<p>Mean high water mark on the right bank of the river:</p> <p>Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 15 and 22 on the right bank of the river, with brass cap marked:</p> <div style="text-align: center;"> </div> <p>Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.</p> <p>Ascend 45 ft. along a SE. slope, through widely scattered timber and a scant undergrowth.</p>
37.70	<p>Trail, bears NE. and SW.</p>
40.06	<p>Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:</p> <div style="text-align: center;"> </div> <p>Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.</p> <p>Ascend 805 ft. along a SE. slope to the rim over ledges.</p>
76.10	<p>Rim of the Beckwith Plateau, bears NE. and SW., continue over top.</p>
80.12	<p>The corner of sections 15, 16, 21, and 22.</p> <p>Land, bottom land of the river in the east, and rough mountain slopes in the west; drainage, SE. Soil, heavy clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadeless and grass. Willows and poplar oak along river. Fair grazing.</p>

Subdivision of Township 19 South, Range 16 East

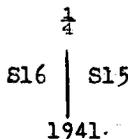
Chains

N. 0°02' W. between sections 15 and 16.

Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 185 ft. along a S. slope.

33.00 Sandstone rim, bears E. and W.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

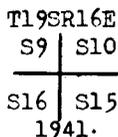


Raise a mound of stone, 3 ft. base and 2 ft. high west of the post.

Continue across top of plateau.

53.40 North rim of the Beckwith Plateau, bears E. and W., descend 510 ft. over a N. slope over ledges.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections, 9, 10, 15, and 16, with brass cap marked:



Deposit a sandstone rock, 6x4x3 ins., marked with a cross (X) at the base of the post.

Land, rolling top of plateau; drainage NE.

Soil, sandy to gravelly loam, 2nd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadescale, sagebrush, mountain rush, amole, and grass

Fair grazing.

East, on a random line, between sections 10 and 15.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.30 Intersect the north and south line at a point 23 links north of the corner of sections 10, 11, 14, and 15:

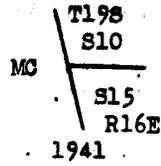
Thence:

N. 89°50' W. on true line between sections 10 and 15.

Over bottom land of the river, through a scant undergrowth; descend 75 ft. along a SW. slope.

5.30 Mean high water mark on the left bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the meander corner of sections 10 and 15 on the left bank of the river, with brass cap marked:

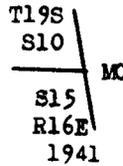


Raise a mound of stone, 3 ft. base and 2 ft. high, east of the post.

Thence across river:

14.20 Mean high water mark on the right bank of Green River:

Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the meander corner of sections 10 and 15 on the right bank of the river, with brass cap marked:

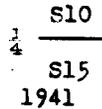


Raise a mound of stone, 3 ft. base and 2 ft. high, west of the post.

Ascend 25 ft. along a NE. slope.

15.50 Trail, bears NW. and SE., ascend 350 ft. along a NE. slope over ledge

40.15 Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins., in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

41.00 Spur, projects N. 30° E., descend 400 ft. along a NW. slope.

66.50 Draw, drains N. 30° E., ascend 835 ft. along an E. slope.

71.65 Spur, projects N. 20° E., descend 465 ft. along a NW. slope.

80.30 The corner of sections 9, 10, 15, and 16.

Land, rough mountain slopes; drainage, NE.
 Soil, heavy clay loam, 3rd rate.
 Timber, dwarf juniper and pinon; cottonwood along the river banks.
 Undergrowth, shadscale, sagebrush, mountain rush, and grass.
 Fair grazing.

N. 0°02' W. between sections 9 and 10.

Over mountainous land, through widely scattered timber and a scant undergrowth, descend along a NW. slope.

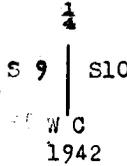
9.50 North rim of the Beckwith Plateau, bears NE. and SW., descend 685 ft.

Subdivision of Township 19 South, Range 16 East

Chains

ascend along a NW. slope over ledges.
40.00 Point for the 1/4 section corner falls in small water course draining NW. where the monument cannot be perpetuated:

40.58 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the witness 1/4 section corner, with brass cap marked:



Raise a mound of stone, 3 ft. base and 2 ft. high, west of the post.

Descend along a N. slope.

42.00 Price River, channel about 2 chains wide, stream of alkaline water about 20 links wide and 5 ins. deep in the bottom, flows NE, ascend 700 ft. along a SE. slope to the rim.

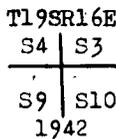
43.50 Trail, bears NE. and SW.

46.70 Rim of bench, bears NE. and SW., ascend along a SE. slope.

77.00 Spur, projects SW., descend 45 ft. along a NW. slope.

80.00 On a gentle NW. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 3, 4, 9, and 10, with brass cap marked:



Deposit a limestone rock, 6x5x4 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, E.
Soil, gravelly clay loam 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, bitter brush, mountain rush.
Poor grazing.

S. 89°50' E. on a random line between sections 3 and 10.

40.00 Set a temporary 1/4 section corner.

80.40 Intersect the north and south line at a point 87 links south of the corner of sections 2, 3, 10, and 11:

Thereafter go S. 89°53' W., on true line, between sections 3 and 10

N. 89°53' W., on true line, between sections 3 and 10

Over mountainous land, through widely scattered timber and a scant

744

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162

Chains

undergrowth., ascend 465 ft. along a general E. slope over ledges

20.00 High rocky spur, projects SE., descend 455 ft. along a broken W. slope over ledges.

40.20 Set an iron post, 3 ft. long and 1 in. in diameter, 17 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S3
S10
1942

Deposit a sandstone rock, 6x4x2 ins., marked with a cross (X) at the base of the post.

Descend 485 ft. along a SW. slope over ledges to the draw.

46.10 Rim of the bench, bears NE. and SW., descend abruptly.

50.20 Draw, drains S., ascend 409 ft. along a SE. slope over ledges.

55.10 Rim of the bench on the east side of a small point, bears NE. and S

56.00 Spur, projects S., descend 290 ft. along a SW. slope over ledges to the draw.

57.00 Rim of the bench on the west side of the point, bears NW. and SE., descend abruptly.

61.50 Draw, drains S., ascend 345 ft. along a SE. slope over ledges.

67.00 Rim of the bench, bears NE. and SW., continue ascent.

73.00 Spur, projects SW., descend 55 ft. along a SW. slope.

80.40 The corner of sections 3, 4, 9, and 10.

Land, rough and broken sandstone slopes; drainage, S. Soil, gravelly clay loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass.

Poor grazing.

Beginning at the corner of sections 4, 5, 32, and 33, on the south boundary of the township:

Thence:

N. 0°03' W. between sections 32 and 33,

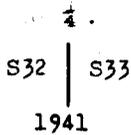
Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 1100 ft. along a steep S. slope over ledges.

40.00 On a steep S. slope

Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the

Chains

ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner of sections 32 and 33, with brass cap marked:

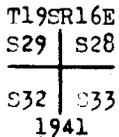


Deposit a sandstone rock, 8x6x4 ins., marked with a cross (X) at the base of the post.

Ascend 75 ft. along a steep S. slope.

42.00 Ridge, bears E. and W., descend 1250 ft. along a steep and rugged NE. slope over ledges.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 28, 29, 32, and 33, with brass cap marked:



Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken sandstone slopes; drainage SE. and NE. from the ridge at the 42.00 chain point.

Soil, shallow clay loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, mountain rush, and grass.

Four grazing.

S. 89° 53' E. on a random line between sections 28 and 33.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.34 Intersect the north and south line at a point 5 links south of the corner of sections 27, 28, 33, and 34:

Thence:

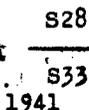
N. 89°55' W., on true line between sections 28 and 33.

Over mountainous land, through scattering timber and a scant undergrowth; descend 350 ft. along a SW. slope.

39.50 Short Canyon, drains S. 60° E., ascend 15 ft. along a NE. slope.

40.17 On a NE. slope in the canyon bottom:

Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



54

Chains

enlist

Deposit a sandstone rock, 5x3x3 ins., marked with a cross (X) at the base of the post.

Ascend 260 ft. along a NE. slope.

57.60 Draw, drains NE.

73.90 Draw, drains NE.

80.34 The corner of sections 28, 29, 32, and 33.

Land, rough and broken canyon bottom; drainage SE. Soil, deep, heavy clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, bitter brush, sagebrush, and grass. Fair grazing.

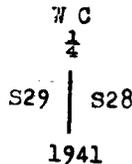
N. 0°03' W. between sections 28 and 29.

Over rough, mountainous land, through widely scattered timber and a scant undergrowth; descend 135 ft. along a NE. slope.

10.00 Short Canyon, trail in the bottom, drains E., ascend 785 ft. along SW. slope over ledges.

27.50 Rim of the Beckwith Plateau, bears E. and NW., continue ascent.

35.67 Set an iron post, 3 ft. long and 1 in in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the witness 1/4 sec corner, with brass cap marked:



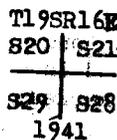
Deposit a sandstone rock, 7x5x5 ins., marked with a cross (X) at the base of the post.

40.00 Point for the 1/4 section corner falls upon steeply sloping sandstone ledge, where the monument cannot be erected. Ascend 625 ft. along a general S. slope over ledges.

71.45 Ridge, bears S. 70° E. and NW., descend 325 ft. along a NE. slope.

75.00 Rim of the Plateau, bears N. 80° W. and S. 80° E., descend along a NE. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 20, 21, 28, and 29, with brass cap marked:



Deposit a sandstone rock, 12x10x8 ins., marked with a cross (X) at the base of the post.

VI. CA

Subdivision of Township 19 South, Range 16 East

- Land, rough, and broken mountain slopes; drainage, SE.
Soil, heavy clay loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, rabbit brush, mountain rush and grass.
Fair grazing.

- 40.00 S. 89°55' E. on a random line between sections 21 and 28.
Set a temporary $\frac{1}{4}$ section corner.
- 80.30 Intersect the north and south line at a point 12 links north of the corner of sections 21, 22, 27, and 28:

Thence:
N. 89°50' W., on true line between sections 21 and 28.

Over mountainous land, through widely scattered timber and a scant undergrowth; descend 580 ft. along a broken SW. slope to the draw.
- 8.00 Rim of the Beckwith Plateau, bears N. 70° W. and S. 80° E., descend abruptly over ledges.
- 29.90 Sand Knolls Canyon, drains S. 60° E., ascend along a NE. slope.
- 40.15 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S21
—
S28
1941

Deposit a sandstone rock, 10x8x8 ins., marked with a cross (X) at the base of the post.

Continue ascent along a NE. slope.
- 42.50 Small draw, drains NE., ascend 900 ft. along a steep NE. slope over ledges.
- 80.30 The corner of sections 20, 21, 28, and 29.

Land, rough and broken canyon slopes; drainage, SE.
Soil, shallow clay loam, 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, and grass.
Poor grazing.

- N. 0°03' W. between sections 20 and 21.

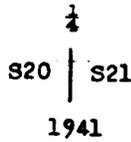
Over mountainous land, through widely scattered timber and a scant undergrowth; descend 450 ft. over a broken NE. slope over ledges.
- 25.00 Sand Knolls Canyon, drains S. 60° E., ascend 430 ft. along a SW. slope.

Chains

35.00 Rim of the Beckwith Plateau, bears E. and W., continous ascent.

40.00 Over a cross (X) cut into solid sandstone bedrock;

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

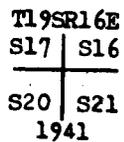


Ascend 510 ft. along a broken SW. slope over ledges.

57.00 Upper rim of the Beckwith Plateau, bears E. and W., ascend 75 ft. along a gentle S. slope.

80.00 On a gentle S. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 16, 17, 20, and 21, with brass cap marked:



from which,

A pinon, 8 ins. in diameter, marked T19SR16ES20BT, bears S. 56°15' W., 111 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, SE.

Soil, heavy clay loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, rabbit brush, mountain rush and grass.

Fair grazing.

S. 89°50' E. on a random line between sections 16 and 21.

40.00 Set a temporary $\frac{1}{4}$ section corner.

80.30 Intersect the north and south line at a point 12 links south of the corner of sections 15, 16, 21, and 22:

Thence:

N. 89°55' W. on true line between sections 16 and 21

Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 355 ft. along a SE. slope.

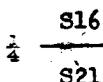
13.00 Low rim of the Beckwith Plateau, bears NE. and SW., continous ascent

35.00 Upper rim, bears NE. and SW.

40.15 Set an iron post, 3 ft. long and 1 in. in diameter, 8 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked;

Subdivision of Township 19 South, Range 16 East

Chains



1941

from which,

A juniper, 3 ins. in diameter, marked BT only, bears N. 5°00' E., 47 links distant.

Ascend 155 ft. along a SE. slope to the corner.

80.30 The corner of sections 16, 17, 20, and 21.

Land, rough and broken slopes; drainage, SE:

Soil, heavy clay loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, rabbit brush, mountain rush, and grass.

Fair grazing.

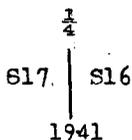
N. 0°03' W. between sections 16 and 17.

Over mountainous land, through widely scattered timber and a scant undergrowth, ascend 195 ft. along a S. slope.

11.00 Spur, projects E., descend 205 ft. along a NE. slope to the $\frac{1}{4}$ section corner.

37.10 Stock trail, bears N. 60° E., and S. 60° W.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:



from which,

A juniper, 4 ins. in diameter, marked BT only, bears S. 87°30' E., 70 links distant.

A juniper, 4 ins. in diameter, marked BT only, bears N. 87°15' W., 165 links distant.

Continue along nearly level land.

53.45 Point on the rim of the Beckwith Plateau bearing S. 60° E. and NW., descend 605 ft. along a steep NE. slope over ledges.

74.00 Depression on an E. slope, ascend 236 ft. along a SE. slope over ledges.

86.00 Point for the corner of sections 8, 9, 16, and 17 falls upon steeply sloping sandstone bedrock, where the monument cannot be erected.

Land, rough and broken mountain slopes; drainage, NE.

Soil, sandy to gravelly clay loam, 2nd rate.

Timber, dwarf juniper and pinon.

Undergrowth, sagebrush, rabbit brush, shadscale, mountain rush, and grass.

Fair grazing.

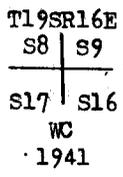
Chains	
	Beginning at the point for the corner of sections 8, 9, 16, and 17.
	Thence:
	S. 89°55' E. on a random line between sections 9 and 16.
40.00	Set a temporary section corner.
80.16	Intersect the north and south line at a point 11 links north of the corner of sections 9, 10, 15, and 16:
	Thence:
	N. 89°50' W. between sections 9 and 16.
	Over mountainous land, through widely scattered timber and a scant undergrowth; descend along a NW. slope.
5.60	Rim of the Beckwith Plateau, bears NE. and S., descend 265 ft. along NW. slope.
9.90	Rocky draw, drains N., Ascend 445 ft. along a NE. slope to the spur
26.50	Rim of the Beckwith Plateau, bears NW. and SE., stock trail along the rim., continue ascent along a NE. slope.
37.00	Spur, projects N. 30° W., descend 305 ft. over a W. slope over ledges
38.00	Rim of the Beckwith Plateau, bears NW. and SE., descend abruptly.
40.00	On a SW. slope:
	Set an iron post, 3 ft. long and 1 in. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the section corner, with brass cap marked:
	$\frac{1}{2} \frac{S9}{S16}$ <p>1942</p>
	Deposit a sandstone rock, 5x5x3 ins., marked with a cross (X) at the base of the post.
	Descend 465 ft. along a W. slope over ledges.
67.10	Draw, drains N., ascend 485 ft. along a broken SE. slope.
80.16	Point for the corner of sections 8, 9, 16, and 17.
	Land, rough and broken sandstone slopes; drainage, N. Soil, heavy clay loam, 4th rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, mountain rush, and grass. Poor grazing.
	Beginning at the point for the corner of sections 8, 9, 16, and 17:
	Thence:
	N. 0°03' W. between sections 8 and 9.
	Over mountainous land, through widely scattered timber and a scant undergrowth; ascend 165 ft. along a broken SE. slope over ledges

Subdivision of Township 19 South, Range 16 East

chains
to station

6.65 On a narrow rim between ledges:

Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the witness section corner of sections 8, 9, 16, and 17, with brass cap marked:

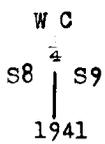


Deposit a sandstone rock, 10x8x6 ins., marked with a cross (X) at the base of the post.

Ascend 195 ft. along a broken SE. slope over ledges.

30.49 On the top of a spur projecting NE.

Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:



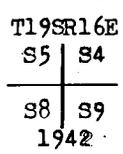
Deposit a sandstone rock, 7x7x5 ins., marked with a cross (X) at the base of the post.

Descend 185 ft. along a steep NE. slope.

40.00 Point for the $\frac{1}{4}$ section corner falls upon steep N. slope in loose earth, where the monument cannot be perpetuated. Descend 675 ft. over a general N. slope over ledges.

78.00 Draw, drains NE., continue along a gentle N. slope.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 24 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 4, 5, 8, and 9, with brass cap marked:



Deposit a sandstone rock, 5x3x2 ins., marked with a cross (X) at the base of the post.

Land, rough and broken sandstone rims; drainage, NE.
Soil, shallow clay loam, 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, sagebrush, shadscale, rabbit brush, weeds, and grass.
Poor grazing.

S. 89°50' E. on a random line between sections 4 and 9.

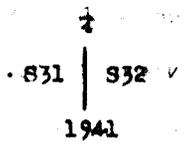
40.00 Set a temporary $\frac{1}{4}$ section corner.

Chains	
80.00	Intersect the north and south line at a point 11 links north of the corner of sections 3, 4, 9, and 10:
	Thence:
	N. 89°45' W. on true line between sections 4 and 9.
	Over mountainous land, through widely scattered timber and a scant undergrowth; descend 65 ft. along a NW. slope.
9.80	West rim of bench, bears NE. and SW., descend 785 ft. over a W. slope.
34.00	Draw, drains S. 10° W., thence along a general S. slope.
35.90	Trail, bears N. and S.
40.00	Set an iron post, 3 ft. long and 1 in. in diameter, 10 ins. in the ground to solid rock, and in a large mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:
	$\begin{array}{r} S4 \\ \hline S9 \\ 1942 \end{array}$
	Deposit a sandstone rock, 7x7x7 ins., marked with a cross (X) at the base of the post.
	Descend along a general S. slope.
47.40	Wash, drains SE.
60.00	Old cultivated area, bears SE. and N. 85° W.
63.10	Leave old cultivated area, bears S. and N. 85° E.
64.70	Price River, stream and channel 20 links wide and 3 ins. deep, alkaline water, flows SE., ascend along an E. slope.
77.30	Junction of two washes from the SW. and N., draining NE.
80.00	The corner of sections 4, 5, 8, and 9.
	<p>Land, rough and broken sandstone ledges in the east and rolling land in the west; drainage, SE. and E. into the Price River. Soil, heavy clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, sagebrush, mountain rush, weeds, and grass. Poor grazing.</p>
	Beginning at the corner of sections 5, 6, 31, and 32 on the south boundary of the township:
	Thence:
	N. 0°03' W. between sections 31 and 32.
	Over mountainous land, through scattering timber and a scant undergrowth; ascend 350 ft. along a steep E. slope over ledges.
23.10	Top of ascent on an E. slope, continue ascent along an E. slope.
40.00	Set an iron post, 3 ft. long and 1 in. in diameter, 12 ins. in the

Subdivision of Township 19 South, Range 16 East.

Chains

ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



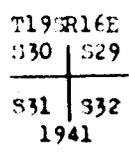
Deposit a sandstone rock, 7x5x5 ins., marked with a cross (X) at the base of the post.

Ascend 605 ft. along a steep and rocky S. slope over ledges.

66.20 Ridge connecting two sections of the Beckwith Plateau, bears E. and W., descend 580 ft. along a rocky NE. slope over ledges.

80.00 Over a cross (X) cut into solid rock on the east edge of a draw draining NE.:

Set an iron post, 3 ft. long and 2 ins. in diameter, in a large mound of stone, for the corner of sections 29, 30, 31, and 32, with brass cap marked:



Land, rough and broken mountain slopes; drainage, SE. Soil, shallow clay loam, 4th rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, mountain rush, weeds, and grass. Poor grazing.

S. 89°50' E. on a random line between sections 29 and 32.

40.00 Set a temporary section corner.

80.20 Intersect the north and south line at a point 7 links north of the corner of sections 28, 29, 32, and 33:

Thence:

N. 89°47' W. on true line between sections 29 and 32.

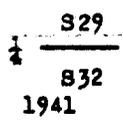
Over mountainous land, through widely scattered timber and scant undergrowth, ascend 255 ft. along a NE. slope.

12.50 Spur, projects N., descend 105 ft. along a NW. slope.

19.80 Draw, drains N. 10° E., ascend 405 ft. along a NE. slope.

39.20 Spur, projects N. 20° E., descend along a NW. slope.

40.10 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



Chains	Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.
	Descend 425 ft. along a steep NW. slope over ledges.
47.00	Draw, drains N., ascend 220 ft. along a NE. slope.
52.80	Spur, projects N. 20° W., descend 150 ft. along a NW. slope.
60.00	Draw, drains N., ascend 350 ft. along a NE. slope.
70.10	Spur, projects N. 10° E., descend 420 ft. along a steep NW. slope.
80.20	The corner of sections 29, 30, 31, and 32.
	Land, rough and broken mountain slopes; drainage, NE. Soil, shallow clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass. Fair grazing.
	S. 89°49' W. on a random line between sections 30 and 31.
40.00	Set a temporary $\frac{1}{4}$ section corner.
78.31	Intersect the west boundary of the township at a point 15 links south of the corner of sections 25, 30, 31, and 36:
	Thence:
	N. 89°51' E. on true line between sections 30 and 31.
	Over mountainous land, through widely scattered timber and a scant undergrowth; descend 75 ft. along an E. slope.
38.31	Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:
	$\frac{1}{4} \begin{array}{r} S30 \\ \hline S31 \\ 1941 \end{array}$
	Deposit a sandstone rock, 10x8x6 ins., marked with a cross (X) at the base of the post.
38.80	Rim of the Beckwith Plateau, bears NW. and SE., descend 875 ft. along a steep and rocky NE. slope over high ledges.
78.31	The corner of sections 29, 30, 31, and 32.
	Land, rough and broken mountain slopes; drainage, NE. Soil, heavy clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass. Fair grazing.

Subdivision of Township 19 South, Range 16 East

1721

Chains

N. 0°03' W. between sections 29 and 30.

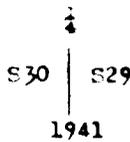
Over mountainous land, through widely scattered timber and a scant undergrowth; descend 650 ft. along a NE. slope.

19.70 Short Canyon, drains N. 80° E., ascend 765 ft. along a SE slope over ledges to the witness $\frac{1}{4}$ section corner.

40.00 Point for the $\frac{1}{4}$ section corner falls upon steeply sloping sandstone bedrock, where the monument cannot be erected.

50.00 Over a cross (X) cut into solid rock:

Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, for the witness $\frac{1}{4}$ section corner, with brass cap marked:

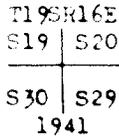


Ascend 10 ft. along a SE. slope.

50.30 Stock trail, bears NE. and SW. on top of the lower rim of the Plateau, ascend 495 ft. along a SE. slope to the corner.

68.50 Upper rim of the Beckwith Plateau, bears N. 70° E. and S. 70° W., continue across top.

80.00 Set an iron post, 3 ft. long and 2 ins. in diameter, 10 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 19, 20, 29, and 30, with brass cap marked:



Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.

Land, rough and broken mountain slopes; drainage, SE.
Soil, heavy clay loam, 4th rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sagebrush, amole, mountain rush, and grass.
Fair grazing.

S. 89°47' E. on a random line between sections 20 and 29.

40.00 Set a temporary $\frac{1}{4}$ section corner:

80.20 Intersect the north and south line at a point 5 links north of the corner of sections 20, 21, 28, and 29:

Thence:

N. 89°45' W. on true line between sections 20 and 29.

Over mountainous land, through widely scattered timber and a scant undergrowth, ascend 465 ft along a NE. slope to the $\frac{1}{4}$ section corner.

26.50 Rim of the Beckwith Plateau, bears NE. and SE., ascend an E. slope.

Chains

40.10 Set an iron post, 3 ft. long and 1 in. in diameter, 18 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

S20
 $\frac{1}{4}$ —————
 S29
 1941

Deposit a sandstone rock, 7x5x5 ins., marked with a cross (X) at the base of the post.

Ascend along a gentle E. slope.

80.20 The corner of sections 19, 20, 29, and 30.

Land, rough and broken mountain slopes; drainage, SE.
 Soil, deep, heavy clay loam, 4th rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, rabbit brush, shadscale, mountain rush, and grass.
 Fair grazing.

S. 89°51' W. on a random line between sections 19 and 30.

40.00 Set a temporary $\frac{1}{4}$ section corner.

78.28 Intersect the west boundary of the township at a point 2 links south of the corner of sections 19, 24, 25, and 30:

Thence:

N. 89°52' E. on true line between sections 19 and 30.

Over mountainous land, through widely scattered timber and a scant undergrowth, descend 375 ft. along a NE. slope.

10.50 Short Canyon, drains SE., ascend 575 ft. along a SW. slope to the rim.

17.80 Trail, bears NW. and SE..

36.10 Rim of the Beckwith Plateau, bears NW. and SE., continue across top.

38.28 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground, for the $\frac{1}{4}$ section corner, with brass cap marked:

S19
 $\frac{1}{4}$ —————
 S30
 1941

Raise a mound of stone, 3 ft. base and 2 ft. high north of the post.

78.28 The corner of sections 19, 20, 29, and 30.

Land, rough mountain slopes; drainage, SE.
 Soil, deep, heavy clay loam, 4th rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, rabbit brush, mountain rush, weeds, and grass.
 Fair grazing.

Subdivision of Township 19 South, Range 16 East

Chains

N. 0°03' W. between sections 19 and 20.

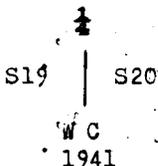
Over mountainous land, through widely scattered timber and a scant undergrowth, over the top of the plateau.

10.15 Rim of the bench, bears NW. and SE.; descend 325 ft. along a NE. slope over small spurs and draws putting SE.

26.50 Sand Knolls Canyon drains S. 60° E., ascend 410 ft. along a SW. slope.

40.00 Point for the 1/4 section corner falls upon steeply sloping sandstone bedrock, where the monument cannot be erected.

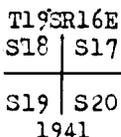
40.20 Set an iron post, 3 ft. long and 1 in. in diameter, in a large mound of stone, over a cross (X) cut into solid bedrock, for the witness 1/4 section corner, with brass cap marked:



52.90 Rim of the Plateau, bears N. 70° W. and S. 70° E., continue ascent along a general S. slope.

80.00 On a SE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the corner of sections 17, 18, 19, and 20, with brass cap marked:



from which,

A juniper, 4 ins. in diameter, marked BT only, bears N. 43°30' E., 108 links distant.

A pinon, 12 ins. in diameter, marked T19SR16ES18BT, bears N. 65°45' W., 103 links distant.

No other suitable tree available for marking.

Land, rough and broken mountain slopes; drainage, SE.
Soil, deep, heavy clay loam, 3rd rate.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, mountain rush, weeds, and grass.
Fair grazing.

S. 89°45' E. on a random line between sections 17 and 20.

40.00 Set a temporary 1/4 section corner.

80.20 Intersect the north and south line at a point 23 links south of the corner of sections 16, 17, 20, and 21.

Thence:

N. 89°55' W. on true line, between sections 17 and 20.

Subdivision of Township 19 South, Range 16 East

Chains

Over mountainous land, through widely scattered timber and a scant undergrowth; ascend along a gentle SE. slope.

29.80 Trail, bears S. 80° E. and N. 80° W.

32.00 Low spur, projects SE., descend along a gentle SW. slope.

40.10 Set an iron post, 3 ft. long and 1 in. in diameter, 30 ins. in the ground for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$ $\frac{317}{S20}$
 1941

from which,

A juniper, 4 ins. in diameter, marked BT only, bears N. 31°55' E., 81 links distant.

A juniper, 4 ins. in diameter, marked BT only, bears S. 39°39' E., 34 links distant.

Descend along a W. slope.

71.10 Wash, drains SE., ascend along a SE. slope.

80.20 The corner of sections 17, 18, 19, and 20.

Land, rolling plateau top; drainage, SE.
 Soil, a deep sandy loam, 2nd rate.
 Timber, dwarf juniper and pinon.
 Undergrowth, shadscale, sagebrush, mountain rush, weeds, and grass.
 Fair grazing.

S. 89°52' W. on a random line between sections 18 and 19.

40.00 Set a temporary $\frac{1}{4}$ section corner.

78.24 Intersect the west boundary of the township at a point 2 links south of the corner of sections 13, 18, 19, and 24.

Thence:

N. 89°53' E. on true line between sections 18 and 19.

Over rolling land, through widely scattered timber and a scant undergrowth; ascend 95 ft. along a SW. slope.

19.40 Ridge, bears N. 60° W. and S. 60° E., descend along a NE. slope.

38.24 In a depression on a N. slope:

Set an iron post, 3 ft. long and 1 in. in diameter, 16 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:

$\frac{1}{4}$ $\frac{S18}{S19}$
 1941

from which,

Subdivision of Township 19 South, Range 16 East.

Chains

A pinon, 3 ins. in diameter, marked BT, only, bears N. 10°15' E., 71 links distant.

A pinon, 3 ins. in diameter, marked BT, only bears S. 40°30' W., 53 links distant.

Ascend 175 ft. along a NW. slope.

57.50 Ridge, bears NE. and S. 70° W., descend 165 ft. along a SE. slope.

78.24 The corner of sections 17, 18, 19, and 20.

Land, rolling hills; drainage, SE.

Soil, gravelly to rocky loam, 3rd rate.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sagebrush, mountain rush, bitter brush, weeds,

and grass.

Fair grazing.

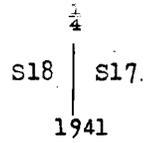
N. 0°03' W. between sections 17 and 18.

Over mountainous land, through widely scattered timber and a scant undergrowth, ascend 55 ft. along a SE. slope.

16.10 Stock trail, bears NE. and SW.

20.30 Ridge, bears NE. and SW., descend 175 ft. along a NW. slope.

40.00 Set an iron post, 3 ft. long and 1 in. in diameter, 20 ins. in the ground to solid rock, and in a mound of stone, for the 1/4 section corner, with brass cap marked:



Deposit a sandstone rock, 7x5x3 ins., marked with a cross (X) at the base of the post.

Descend 65 ft. along a NW. slope.

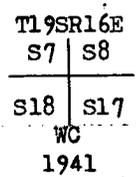
48.90 Rim of the Beckwith Plateau, bears NE. and SW., descend 775 ft. along a NW. slope over ledges.

66.50 Draw, drains NE., ascend 450 ft. along a SE. slope over ledges.

80.00 Point for the corner of sections 7, 8, 17, and 18 falls upon a steeply sloping sandstone ledge, where the monument cannot be erected:

83.67 On a SE. slope:

Set an iron post, 3 ft. long and 2 ins. in diameter, 12 ins. in the ground to solid rock, and in a mound of stone, for the witness corner of sections 7, 8, 17, and 18, with brass cap marked:



Chains	
	<p>Deposit a sandstone rock, 9x7x5 ins., marked with a cross (X) at the base of the post.</p> <p>Land, rough, mountain slopes; drainage, NE. Soil, shallow gravelly loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, shadscale, sagebrush, amole, mountain rush, and grass. Fair grazing.</p>
	<p>From the point for cor. of secs. 7, 8, 17, and 18</p>
	<p>S. 89°53' W. on a random line between sections 7 and 18.</p>
40.00	<p>Set a temporary $\frac{1}{4}$ section corner.</p>
78.20	<p>Intersect the corner of sections 7, 12, 13, and 18, on the west boundary of the township:</p> <p>Thence:</p>
	<p>N. 89°53' E. on true line between sections 7 and 18.</p>
	<p>Over mountainous land, through widely scattered timber and a scant undergrowth; descend 235 ft. along an E. slope to the draw.</p>
8.00	<p>Rim of the Beckwith Plateau, bears N. 10° E. and S. 10° W., descend abruptly over ledges.</p>
11.40	<p>Draw, drains N. 10° E., ascend 275 ft. along a NW. slope to the spur</p>
15.00	<p>Rim of the Beckwith Plateau, bears NE. and SW., continue ascent along a NW. slope.</p>
26.70	<p>Spur, projects NE., descend 45 ft. along a SE. slope.</p>
38.20	<p>Set an iron post, 3 ft. long and 1 in. in diameter, 14 ins. in the ground to solid rock, and in a mound of stone, for the $\frac{1}{4}$ section corner, with brass cap marked:</p>
	<p style="text-align: center;"> $\begin{array}{r} S7 \\ \frac{1}{4} \hline S18 \\ 1941 \end{array}$ </p>
	<p>Deposit a sandstone rock, 8x6x6 ins., marked with a cross (X) at the base of the post.</p>
	<p>Descend 385 ft. along a SE. slope to the corner point.</p>
51.30	<p>Rim of the Beckwith Plateau, bears NE. and SW., descend abruptly over ledges.</p>
78.20	<p>Point for the corner of sections 7, 8, 17, and 18.</p>
	<p>Land, rough and broken mountain slopes; drainage, NE. Soil, gravelly clay loam, 3rd rate. Timber, dwarf juniper and pinon. Undergrowth, sagebrush, shadscale, mountain rush, and grass. Fair grazing.</p>

Chains

Meanders of the Left Bank of Green River, Upstream

Beginning at the meander corner of section 34 on the south boundary of the township, on the left bank of Green River:

Thence, with meanders in section 34.

Along a gently sloping, sandy bank; dense undergrowth to the right of line.

N. 27°00' W. 9.70 chains

N. 20° 15' W. 2.60 chains

N. 5°15' E. 12.10 chains

N. 24°15' E. 3.70 chains At 2.00 chains on this course leave sloping bank and willows, and continue along a steep and rocky bank.

N. 4°15' E. 7.80 chains At 4.60 chains on this course a gate in a trail along the river bank bears 30 links to the right.

N. 15°00' E. 2.50 chains

N. 26°30' E. 5.20 chains

N. 21°45' E. 3.80 chains

N. 22°15' E. 7.60 chains

N. 2°45' E. 2.70 chains

N. 16°15' E. 3.40 chains

N. 50°45' E. 7.50 chains

N. 40°45' E. 9.00 chains At the end of this course leave steep, rocky bank and continue along a sloping bank covered by willows.

N. 27°00' E. 1.60 chains

N. 34°30' E. 1.80 chains

N. 65°45' E. 4.60 chains

N. 59°15' E. 7.20 chains

N. 87°00' E. 1.40 chains

S. 80°00' E. 4.20 chains

N. 79°00' E. 7.70 chains

N. 52°00' E. 2.90 chains To the meander corner of sections 27 and 34.

Land, river bottom in the north and south, and steep, rocky bank in the center.

Soil, rocky alluvial, 3rd rate.

Timber, few scattered cottonwood.

Undergrowth, willows.

Poor grazing.

Thence, in section 27

Along a sloping, alluvial bank, in dense willows:

N. 63°40' E. 3.42 chains To the meander corner of sections 26 and

Land, rolling bottom.
Soil, sandy to gravelly clay loam, 2nd rate.
Timber, scattered cottonwood.
Undergrowth, willows.
Poor grazing.

Thence in section 26.

Along a sloping alluvial bank in dense willows:

N. 45°30' E., 10.60 chains At 8.40 chains on this course a draw enters
the river from the east.

N. 45°45' E., 7.90 chains

N. 1°15' W., 5.80 chains

N. 31°30' W., 1.30 chains

N. 17°00' W., 4.30 chains

N. 15°30' W., 5.10 chains

N. 37°00' W., 5.00 chains

N. 5°00' E., 1.70 chains

N. 39°30' W., 6.60 chains At the end of this course a draw enters
the river from the NE.

N. 6°15' W., 4.30 chains

N. 11°30' W., 2.00 chains

N. 1°45' W., 1.20 chains

N. 25°44' W., 4.32 chains To the meander corner of sections 26 and

Land, gently rolling bottom land.
Soil, sandy alluvial, 3rd rate.
Timber, cottonwood.
Undergrowth, willows, poison oak.
Poor grazing.

Thence in section 27.

Along a steep, well defined bank in dense undergrowth,

N. 60°00' W., 8.85 chains

N. 75°30' W., 5.50 chains

Meanders, Township 19 South, Range 16 East

- ✓ N. 83°00' W., 8.70 chains
- ✓ N. 79°00' W., 3.30 chains
- ✓ N. 65°45' W., 10.10 chains
- ✓ N. 58°15' W., 1.60 chains
- ✓ N. 22°45' W., 9.00 chains
- ✓ N. 00°41' W., 6.66 chains To the meander corner of sections 22 and 27.

Land, steep and rocky slopes.
 Soil, gravelly to rocky clay loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows and poison oak.
 Poor grazing.

Thence in section 22

Along a steeply sloping bank in dense undergrowth.

- ✓ N. 21°00' W., 1.60 chains
- ✓ N. 25°00' W., 13.20 chains
- ✓ N. 46°30' W., 15.00 chains
- ✓ N. 40°15' W., 1.20 chains
- ✓ N. 29°30' W., 6.70 chains
- ✓ N. 12°00' W., 1.80 chains
- ✓ N. 5°15' E., 2.00 chains
- ✓ N. 12°45' E., 2.00 chains
- ✓ N. 21°15' E., 4.50 chains Enter sloping bank.
- ✓ N. 24°00' E., 16.20 chains At 13.50 chains on this course a draw enters the river from the east.
- ✓ N. 25°00' E., 7.20 chains
- ✓ N. 28°00' E., 2.50 chains
- ✓ N. 45°15' E., 6.20 chains
- ✓ N. 64°30' E., 4.90 chains
- ✓ N. 67°00' E., 5.30 chains
- ✓ N. 70°30' E., 2.70 chains
- ✓ N. 73°00' E., 5.20 chains
- ✓ N. 78°30' E., 1.00 chain
- ✓ N. 81°30' E., 3.00 chains
- ✓ N. 88°30' E., 9.30 chains
- ✓ N. 55°30' E., 5.10 chains

N. 69°30' E., 1.60 chains

N. 81°00' E., 2.70 chains To the meander corner of sections 15 and 16

Land, gently rolling river bottom.
Soil, rocky clay loam, 3rd rate.
Timber, few, small cottonwood.
Undergrowth, willows and poison oak.
Poor grazing.

Thence in section 15.

Along a sloping bank in dense undergrowth.

N. 41°54' E., 7.02 chains To the meander corner of sections 14 and 15

Land, nearly level bottom land.
Soil, alluvial, sandy loam, 2nd rate.
Timber, scattered small cottonwood.
Undergrowth, willows.
Poor grazing.

Thence in section 14.

Along a gently sloping bank in dense undergrowth.

N. 16°45' E., 6.00 chains

N. 67°15' E., 5.10 chains

N. 22°15' E., 2.70 chains

N. 9°15' W., 3.20 chains

N. 41°15' E., 5.20 chains-At 2.50 chains on this course a draw enters the river from the east.

N. 49°00' E., 5.00 chains

N. 22°15' E., 4.10 chains

N. 2°15' W., 4.10 chains

N. 15°00' W., 9.70 chains

N. 26°00' W., 6.30 chains

N. 17°00' W., 3.20 chains

N. 24°15' W., 5.10 chains

N. 36°30' W., 5.60 chains

N. 27°45' W., 6.40 chains

N. 22°00' W., 0.80 chains

N. 9° 30' W., 3.67 chains To the meander corner of sections 14 and 15

Land, broken bench along river.
 Soil, sandy to gravelly clay loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows, poison oak.
 Poor grazing.

Thence in section 15:

Along a well defined, sloping bank about 10 ft. high, in dense undergrowth.

- ✓ N. 33°00' W., 2.30 chains
- ✓ N. 23°00' W., 5.70 chains
- ✓ N. 44°45' W., 1.20 chains
- ✓ N. 44°00' W., 1.42 chains To the meander corner of sections 10 and 15.

Land, nearly level bottom land.
 Soil, gravelly to rocky clay loam, 3rd rate.
 Timber, few, scattered cottonwood.
 Undergrowth, willows, poison oak, squaw brush.
 Poor grazing.

Thence in section 10.

Along a well defined, sloping bank about 10 ft. high, in dense undergrowth.

- ✓ N. 44°00' W., 1.80 chains
- ✓ N. 33°00' W., 11.00 chains
- ✓ N. 3°00' E., 4.30 chains
- ✓ N. 5°00' E., 3.60 chains
- ✓ N. 8°05' E., 2.50 chains
- ✓ N. 8°00' E., 2.70 chains
- ✓ N. 13°30' E., 2.50 chains
- ✓ N. 18°00' E., 2.90 chains
- ✓ N. 24°45' E., 3.40 chains
- ✓ N. 27°00' E., 7.10 chains
- ✓ N. 30°00' E., 1.50 chains
- ✓ N. 20°30' E., 8.10 chains
- ✓ N. 80°15' E., 1.60 chains To the meander corner of sections 10 and 11.

Land, rolling bottom.
 Soil, alluvial, sandy clay loam, 2nd rate.
 Timber, scattered cottonwood.

Undergrowth, willows and poison oak.
Poor grazing.

Thence in section 11.

Along a well defined bank about 10 ft. high, in dense undergrowth.

- N. 14°35' E., 3.50 chains
- N. 48°45' E., 7.40 chains
- N. 29°15' E., 2.60 chains
- N. 30°30' E., 2.70 chains
- N. 38°30' E., 10.10 chains
- N. 47°15' E., 8.90 chains
- N. 68°00' E., 9.10 chains
- N. 62°15' E., 5.50 chains To the meander corner of sections 2 and

Land, rolling bottom.
Soil, alluvial, sandy to gravelly clay loam, 2nd rate.
Timber, scattered cottonwood.
Undergrowth, willows and poison oak.
Poor grazing.

Thence in section 2.

Along a sloping bank about 10 ft. high, in dense undergrowth.

- N. 43°34' E., 1.04 chains
- N. 55°45' E., 4.70 chains
- N. 54°30' E., 7.30 chains
- N. 59°15' E., 2.10 chains
- N. 74°15' E., 2.10 chains
- N. 88°00' E., 3.60 chains
- S. 75°15' E., 2.70 chains
- S. 64°15' E., 3.20 chains
- S. 71°15' E., 5.90 chains
- S. 88°30' E., 4.20 chains
- S. 65°30' E., 7.90 chains
- S. 77°30' E., 5.00 chains To the meander corner of sections 1 and

Land, rolling bench bordered by ridge

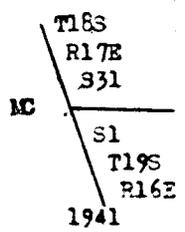
Meanders, Township 19 South, Range 16 East

Soil, alluvial, sandy to gravelly clay loam, 2nd rate.
Timber, scattered cottonwood.
Undergrowth, willows and poison oak.
Poor grazing.

Thence in section 1.

Along a sloping bank about 5 ft. high; in dense undergrowth.

- ✓ N. 85°45' E., 5.60 chains
- ✓ N. 52°30' E., 10.20 chains
- ✓ N. 67°00' E., 6.00 chains
- ✓ N. 7°00' W., 4.10 chains
- ✓ N. 16°45' E., 3.70 chains, At 3 chains on this course a draw enters the river from the east.
- ✓ N. 22°45' E., 5.80 chains
- ✓ N. 39°45' E., 6.00 chains
- ✓ N. 24°30' E., 6.20 chains
- ✓ N. 29°45' E., 6.00 chains
- ✓ N. 42°45' E., 8.00 chains
- ✓ N. 35°30' E., 6.40 chains
- ✓ N. 34°30' E., 6.00 chains
- ✓ N. 8°15' E., 8.30 chains
- ✓ N. 32°30' E., 4.70 chains
- ✓ N. 2°30' E., 4.60 chains
- ✓ N. 42°30' W., 4.20 chains
- ✓ N. 31°15' E., 7.40 chains, At 2.90 chains on this course a draw enters the river from the east.
- ✓ N. 6°00' W., 7.20 chains
- ✓ N. 0°30' W., 4.90 chains
- ✓ N. 11°15' W., 4.63 chains, To the meander corner of sections 31 and 6 on the north boundary of the township, marked by an iron post, 1 in. in diameter, firmly set in the ground, marked and witnessed as described in the official record: As this now becomes the meander corner of sections 31 and 1, I remark it as follows:



Land, rolling, along the foot of high ledges to the east

Soil, gravelly to rocky loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows and poison oak.
 Poor grazing.

Meanders of the Right Bank of Green River, Upstream

Beginning at the meander corner of section 34 on the south boundary of the township on the right bank of Green River:

Thence; with meanders in section 34.

Along a steeply sloping bank, through a scant undergrowth.

- N. 38°37' W., 3.63 chains
- N. 24°00' W., 3.60 chains
- N. 0°45' E., 5.40 chains, Leave steep bank and continue along a gently sloping bank about 6 ft. high
- N. 27°15' E., 4.70 chains
- N. 14°00' E., 4.90 chains
- N. 52°30' E., 4.70 chains
- N. 43°00' E., 5.00 chains
- N. 22°45' E., 5.30 chains
- N. 2°45' W., 6.50 chains, At 1.50 chains on this course Short Canyon enters the river from the west.
- N. 26°45' E., 3.50 chains
- N. 9°30' E., 4.20 chains
- N. 64°30' E., 2.70 chains
- N. 18°45' E., 2.90 chains
- N. 7°45' E., 2.90 chains
- N. 6°30' W., 5.70 chains
- N. 25°30' E., 10.50 chains
- N. 29°30' E., 5.60 chains
- N. 65°00' E., 6.80 chains
- N. 78°00' E., 5.80 chains
- N. 69°00' E., 6.30 chains
- N. 59°15' E., 2.40 chains, To the meander corner of sections 27 and

Land, rolling bottom.
 Soil, deep, heavy clay loam, 3rd rate.
 Timber, few scattered cottonwood.
 Undergrowth, willows, squaw brush, sagebrush, and grass.
 Fair grazing.

Meanders, Township 19 South, Range 16 East.

Thence in section 27.

Along a rocky bank, in dense willows, and undergrowth.

- ✓ N. 73°15' E., 5.20 chains
- ✓ N. 88°30' E., 8.40 chains
- ✓ N. 72°00' E., 4.10 chains
- ✓ N. 59°15' E., 3.70 chains
- ✓ N. 47°00' E., 2.00 chains
- ✓ N. 23°28' E., 1.00 chain, To the meander corner of sections 26 and 27.

Land, steep and rocky slopes at the base of ledges.
 Soil, rocky clay loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows, squaw brush, and poison oak.
 Poor grazing.

Thence in section 26.

Along a steeply sloping bank, in medium dense undergrowth.

- ✓ N. 43°15' E., 7.20 chains
- ✓ N. 24°30' E., 2.40 chains
- ✓ N. 12°45' E., 4.40 chains
- ✓ N. 4°45' W., 3.00 chains
- ✓ N. 17°00' W., 7.20 chains
- ✓ N. 23°30' W., 7.70 chains
- ✓ N. 29°58' W., 2.96 chains, To the meander corner of sections 26 and 27

Land, steep slopes at the base of high ledges to the west.
 Soil, rocky clay loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows, squaw brush, and poison oak.
 Poor grazing.

Thence in section 27.

Along a steep and rocky bank, in medium dense undergrowth.

- ✓ N. 27°06' W., 14.30 chains
- ✓ N. 50°00' W., 3.50 chains
- ✓ N. 70°45' W., 4.60 chains
- ✓ N. 73°15' W., 0.90 chains

West 2.40 chains
 S. 84°15' W., 4.10 chains
 N. 72°30' W., 5.90 chains
 N. 58°45' W., 3.90 chains
 N. 67°30' W., 3.30 chains
 N. 57°45' W., 7.20 chains
 N. 30°45' W., 7.00 chains
 N. 51°00' W., 2.80 chains
 N. 63°00' W., 4.50 chains
 N. 28°15' W., 7.60 chains, To the meander corner of sections 22 and

Land, steep and rocky slope.
 Soil, gravelly to rocky clay loam, 3rd rate.
 Timber, none.
 Undergrowth, willows, squaw brush, and poison oak.
 Poor grazing.

Thence in section 22.

Along a sloping bank, in medium dense undergrowth.

N. 5°00' E., 3.00 chains
 N. 32°00' E., 7.00 chains
 N. 5°15' W., 4.20 chains
 N. 36°15' W., 7.90 chains, At 6.10 chains on this course Sand Knol
 Canyon enters the river from the west
 N. 68°15' W., 3.50 chains
 N. 62°30' W., 8.00 chains
 N. 3° 45' W., 10.30 chains
 N. 30°00' E., 8.70 chains
 N. 4°45' W., 4.80 chains
 N. 45°30' E., 8.50 chains
 N. 17°45' E., 7.10 chains
 N. 27°45' E., 5.00 chains
 N. 22°00' E., 6.90 chains
 N. 74°45' E., 2.40 chains
 N. 54°00' E., 6.20 chains, At 1.50 chains on this course a draw enters
 the river from the west.
 N. 81°45' E., 10.60 chains
 N. 78°30' E., 6.60 chains
 N. 86°00' E., 2.50 chains
 N. 23°15' E., 2.31 chains, To the meander corner of sections 15 and

Meanders, Township 19 South, Range 16 East

Land, rolling bottom.
 Soil, sandy to rocky clay loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows, squaw brush, and poison oak.
 Poor grazing.

Thence in section 15.

Along a sloping bank in dense undergrowth.

- N. 39°30' E., 2.05 chains
- N. 54°15' E., 2.80 chains
- N. 70°00' E., 2.30 chains
- N. 54°00' E., 4.00 chains, AT 1.60 chains on this course a draw enters the river from the NW.
- N. 41°00' E., 3.30 chains
- N. 29°30' E., 1.90 chains
- N. 20°30' E., 4.70 chains
- N. 54°00' E., 7.20 chains To the meander corner of sections 14 and 15.

Land, narrow bottom land along the base of high ledges.
 Soil, gravelly clay loam, 3rd rate.
 Timber, few scattered cottonwood.
 Undergrowth, willows, squaw brush, poison oak.
 Poor grazing.

Thence in section 14.

Along a sloping bank about 10 ft. high, in dense undergrowth.

- N. 40°30' E., 3.52 chains
- N. 33°30' E., 8.00 chains
- N. 27°00' E., 3.60 chains
- N. 1°45' W., 6.50 chains
- N. 13°00' W., 3.80 chains
- N. 17°45' W., 4.70 chains
- N. 24°00' W., 5.60 chains
- N. 30°30' W., 5.70 chains
- N. 17°30' W., 2.30 chains To the meander corner of sections 14 and 15

Land, broad bench in the river bottom.
 Soil, sandy to gravelly clay loam, 2nd rate.
 Timber, few, scattered cottonwood.
 Undergrowth, willows, tamarack, squaw brush, and poison oak.
 Poor grazing.

Meanders, Township 19 South, Range 16 East

190

Thence in section 15.

Along a sloping bank about 10 ft. high, in dense undergrowth.

✓ N. 22°45' W., 1.71 chains

✓ N. 28°00' W., 1.32 chains

✓ N. 23°30' W., 5.70 chains

✓ N. 32°30' W., 5.40 chains

✓ N. 43°15' W., 6.90 chains

N. 38°00' W., 4.90 chains To the meander corner of sections 10 and

Land, narrow bench at the base of the ledges.

Soil, gravelly clay loam, 3rd rate.

Timber, few, scattered cottonwood.

Undergrowth, willows, tamarack, squaw brush, and poison oak.

Poor grazing.

Thence in section 10.

Along a steeply sloping bank, in dense undergrowth.

N. 29°45' W., 2.60 chains

N. 49°45' W., 8.40 chains

N. 9°30' E., 4.20 chains At the end of this course is the intersection of the right bank of the Price River with the Green River.

N. 21°15' E., 13.70 chains, At 3.00 chains on this course intersect left bank of the Price River.

N. 20°00' E., 3.00 chains

✓ N. 16°00' E., 8.50 chains

✓ N. 26°15' E., 9.10 chains

✓ N. 38°15' E., 3.10 chains

✓ N. 43°15' E., 1.40 chains

✓ N. 35°00' E., 2.60 chains

✓ N. 17°30' E., 6.90 chains

✓ N. 24°30' E., 4.50 chains

N. 6°30' E., 3.63 chains, To the meander corner of sections 10 and

Land, nearly level bottom.

Soil, gravelly clay loam, 3rd rate.

Timber, few, scattered cottonwood.

Undergrowth, willows, tamarack, squaw brush, and poison oak.

Poor grazing.

Thence in section 11.

Along a steeply sloping bank about 15 ft. high, in dense undergrowth.

- ✓ N. 31°30' E., 3.60 chains
- ✓ N. 52°45' E., 4.70 chains
- ✓ N. 50°15' E., 1.90 chains
- ✓ N. 64°30' E., 1.90 chains
- ✓ N. 59°30' E., 2.00 chains
- ✓ N. 29°45' E., 4.40 chains
- ✓ N. 55°30' E., 4.70 chains
- ✓ S. 68°00' E., 3.70 chains
- ✓ N. 60°30' E., 5.10 chains, At 2.30 chains on this course a draw enters the river from the NW.

At the end of the course intersect the meander corner of sections 2 and 11.

Land, rolling bottom.
 Soil, gravelly to rocky loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows, tamarack, squaw brush, and poison oak.
 Poor grazing.

Thence in section 2.

Along a cut bank about 10 ft. high, in dense undergrowth.

- ✓ N. 60°30' E., 4.00 chains
- ✓ N. 78°30' E., 3.70 chains
- ✓ N. 72°00' E., 1.30 chains
- ✓ N. 62°00' E., 1.50 chains
- ✓ N. 56°30' E., 4.90 chains
- ✓ N. 50°00' E., 1.90 chains
- ✓ N. 27°45' E., 5.00 chains, At 2.90 chains on this course a draw enters the river from the NW.
- ✓ N. 73°45' E., 7.00 chains
- ✓ S. 79°15' E., 6.80 chains
- ✓ S. 75°00' E., 5.60 chains
- ✓ S. 85°45' E., 3.70 chains
- ✓ S. 80°00' E., 7.80 chains, At 1.80 chains on this course a draw enters the river from the NW.
- ✓ N. 89°30' E., 8.20 chains, To the meander corner of sections 1 and 2

Land, broken slopes bordering the ledges.
 Soil, rocky clay loam, 4th rate.
 Timber, scattered cottonwood and black willow.
 Undergrowth, willows, tamarack, squaw brush, and poison oak.
 Poor grazing.

Thence in section 1.

Along a steeply sloping bank, in dense undergrowth.

- S. 89°00' E., 2.10 chains
- N. 84°30' E., 2.90 chains
- N. 72°45' E., 2.40 chains
- N. 67°30' E., 5.50 chains
- N. 47°30' E., 1.90 chains
- N. 32°15' E., 5.20 chains
- N. 23°15' E., 3.70 chains
- N. 19°15' E., 11.40 chains
- N. 43°45' E., 10.10 chains
- N. 21°00' E., 9.40 chains
- N. 12°00' E., 3.10 chains, At 0.70 chains on this course a draw enters the river from the NW.
- N. 27°30' E., 15.80 chains
- N. 14°00' E., 5.60 chains
- N. 12°30' E., 7.60 chains
- N. 6°15' W., 6.50 chains, At 6.40 chains on this course a draw enters the river from the west.
- N. 16°15' W., 0.90 chains
- N. 8°45' W., 2.50 chains
- N. 17°45' W., 5.00 chains
- N. 21°30' W., 3.93 chains, To the meander corner of sections 31 and 6, on the north boundary of the township marked by an iron post, 1 in. in diameter set, marked and witnessed as described in the official record: As this now becomes the meander corner of sections 31 and 1, remark it as follows:

T18SR17E
 S31
 MC
 S1
 T19SR16E
 1942

Land, steep and rocky slopes at the base of ledges.
 Soil, rocky clay loam, 3rd rate.
 Timber, scattered cottonwood.
 Undergrowth, willows, tamarack, squaw brush, and poison oak.

Poor grazing.

Meander of an Island in Green River, in Section 34

Beginning at the meander corner of sections 3 and 34 on the east side of the island:

Thence; with meanders of the island in section 34:

Along a sloping bank about 8 ft. high, in dense undergrowth.

- ✓ N. 5°00' W., 0.80 chains
- ✓ N. 16°45' W., 15.30 chains
- ✓ N. 86°30' W., 0.60 chains
- ✓ S. 40°30' W., 5.80 chains
- ✓ S. 9°30' W., 2.70 chains
- ✓ S. 8°30' E., 2.40 chains
- ✓ S. 21°00' E., 1.20 chains
- S. 29°30' E., 2.00 chains
- S. 35°12' E., 3.90 chains, To the meander corner of sections 3 and 34 on the west side of the island.

Land, level alluvial.
 Soil, deep, sandy loam, 1st rate.
 Timber, few scattered cottonwood.
 Undergrowth, willows, tamarack, squaw brush.
 Good grazing.

Meander of an Island in Green River in Sections 1 and 2

Beginning at the meander corner of sections 1 and 2 on the south side of the island:

Thence; with meanders in Section 1:

Along a sloping bank, in medium dense undergrowth.

- S. 88°15' E., 6.00 chains
- N. 49°30' E., 3.90 chains, To the upper point of the island.
- N. 52°15' W., 3.90 chains
- S. 79°33' W., 5.99 chains, To the meander corner of sections 1 and 2 on the north side of the island.

Land, level alluvial deposit.

Soil, deep gravelly loam, 3rd rate.
 Timber, cottonwood.
 Undergrowth, willows, tamarack, squaw brush, and poison oak.
 Poor grazing.

Thence in section 2.

Along a cut bank about 10 ft. high, in dense undergrowth.

S. 89°45' W., 2.50 chains

S. 84°15' W., 6.30 chains

S. 67°15' W., 1.00 chain, To lower point of island.

S. 62.00' E., 4.50 chains

S. 69°30' E., 1.90 chains

N. 87°46' E., 3.94 chains, To the meander corner of sections 1 and
 on the south side of the island.

Land, level alluvial deposit.
 Soil, deep, gravelly clay, 2nd rate.
 Timber, cottonwood.
 Undergrowth, willows, squaw brush, tamarack, and poison oak.
 Poor grazing.

General Description

The land covered by the survey is a high sandstone bench on the southern part of the Book Cliff Mountains. Two rivers, the Green and the Price, have cut canyons about 1500 feet deep into this bench. The walls of the canyons are a series of sandstone ledges, from 50 to 300 ft. high. These ledges are perpendicular and in most cases they are unscalable. The Green River enters the north boundary of section 1 and pursues a southerly course, leaving the township on the south boundary of section 34. The Price enters on the north boundary of section 6 and joins the Green in the southeast quarter of section 10. There are many side canyons entering the rivers, most of them forming canyons similar to the main canyons. The high land south of the Price and west of the Green is called the Beckwith Plateau, the other parts of the bench have no especial names. Short Canyon, in the southwestern part of the township, divides the Beckwith Plateau into two parts, leaving a narrow strip on the south.

The soil throughout the township is uniformly poor, containing a considerable amount of clay. Along the top of the bench and in the larger draws the soil mantle is deep, and in places contains enough sand to make it fairly good. On the steeper slopes of the draws it is nearly pure clay, and is very shallow. Considerable gravel and rock are mixed in the soil, and with the exception of a few isolated patches there is no possibility of cultivation.

Along the canyon bottoms and in the river beds are a few cottonwood trees, and on the remainder of the township is a scattered growth of dwarf juniper and piñon. The timber has no commercial value.

Township 19 South, Range 16 East

The undergrowth over most of the area consists of shadscale, sagebrush, mountain rush, bitter brush, weeds, and grass. Along the river beds are thick fringes of willows, tamarack, squaw brush, and poison oak. The vegetation is scant, and shows evidence of recent over grazing. This is especially noticeable on the steeper slopes, where bands of sheep have grazed, wearing many trails, one above the other in steps, and permitting the formation of washes.

On both sides of the Green River are trails used in moving stock and sheep up and down the river. They are in poor repair, and in many places must be worked upon before being usable. Side trails wind up many of the side canyons, in some cases reaching the top of the bench. Along the bottom of Short Canyon for several miles, then winding to the top of the Beckwith Plateau is a trail built by Rodney Swasey, of Green River, Utah, in order to reach his claim at the head of the canyon. There is also a trail up the Price River, leading to Woodside, Utah.

There are no settlers in the township, the applicants for the survey using the area for grazing only. There is one area in the northern part of section 9 that has been cultivated in former years. The patch, about twenty acres in extent, produced a considerable amount of hay in the past, but has not been worked for a period of many years and none of the root stocks remain in the ground. Immediately to the east of this is a small, two room, log cabin. This was not occupied at the time of the survey and contained no articles to indicate recent use. There is no water for culinary use near the cabin. Back of the house is a sheep corral in good repair. The nearest post office is located at Green River, Utah, about 15 miles along the river trail to the south.

Aside from the rivers there is no water, fit for use by either man or stock, in the township. In a few places along the larger draws are small seeps of alkaline water. These flow for a short distance in the wet weather and sink into the ground again.

Practically the entire area is underlain with coal.

The portion of the township not surveyed is in extremely rough country, and consists of deep box canyons with precipitous walls of barren sandstone and is not fit for agricultural use.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Luther E. Eggertsen	Principal Assistant
Claron Nelson	Principal Assistant
Harold S. Heppler	Principal Assistant
Richard P. Bedier	Chainman
A. Gordon Jensen	Chainman
Howard Johnston	Chainman
Louis J. Christensen	Flagman
Kenneth Pederson	Flagman
Devon M. Nielsen	Cornerman
Rivers Y. Gray	Cornerman
Jack Drake	Axeman
Richard L. Beck	Axeman
Quentin Rust	Axeman
Harvey Marsing	Axeman
Don Maughan	Axeman
Bryce G. Bertelsen	Axeman
Garth Gardner	Axeman
Samuel E. Howland	Axeman

CERTIFICATE OF SURVEYOR

I, Robert C. Yundt, HEREBY CERTIFY upon honor
pursuance of special instructions bearing date of the fifteenth day of January 1930
received from the district cadastral engineer for -Utah-, ^{supplement} with/assign
instructions dated May 8, 1941 and June 10, 1942, I have dependently resurveyed part of the
boundary, and surveyed the remaining part of the south, the east, and the west
boundaries, the subdivision of, and the meanders of Green River in, Township 19
South, Range 16 East-
of the Salt Lake Meridian, in the State of -Utah-, which
represented in the foregoing field notes as having been executed by me and under my direction; and that
survey has been made in strict conformity with said instructions, the Manual of Instructions for the S
of the Public Lands of the United States, and in the specific manner described in the foregoing field not
Salt Lake City, Utah, March 4, 1943

Robert C. Yundt
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Chief Cadastral Engineer,
OFFICE OF ~~ENGINEERING SURVEYS~~
Denver, Colorado, January 8, 1943

The foregoing field notes of the dependent resurvey of part of the south boundary, th
survey of the remainder of the south boundary, and the east and west boundaries,
the subdivision, and the meanders of Green River in Township 19 South, Range 16
East, Salt Lake Meridian, Utah
executed by Robert C. Yundt, Assistant Cadastral Engineer
under special instructions dated January 15, 1930, and assign
instructions dated May 11, 1941 and June 10, 1942, having been critically examined
the necessary corrections made prior to their certification by the engineer, the said field notes, and the su
therein described, are hereby approved.

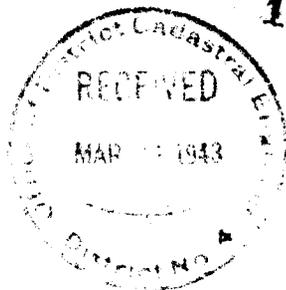
C. H. ...
Acting Chief Cadastral Engineer

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes on file in the public survey office~~

~~*Supervisor of Surveys*~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT



FIELD NOTES
OF THE

SURVEY OF A PORTION OF THE FOURTH STANDARD PARALLEL SOUTH

THROUGH R. 13 E.: INDEPENDENT RESURVEY AND SURVEY OF A

PORTION OF THE NORTH BOUNDARY: AND DEPENDENT AND INDEPENDENT

RESURVEY AND SURVEY OF A PORTION OF THE SUBDIVISION OF

T. 20 S., R. 13 E.

Of the Salt Lake Meridian,

State of Utah

EXECUTED BY

Elliot Bird, Associate Cadastral Engineer

Andrew Nelson, Assistant Cadastral Engineer

Robert C. Yundt, Assistant Cadastral Engineer

Chas. F. Moore, U.S. Surveyor

special instructions dated May 23, 1932, which provided

the surveys included under Group No. 235, bearing the approval of the

Commissioner of the General Land Office under date of July 22, 1932

assignment instructions dated November 24, 1933, and

amendment assignment instructions dated May 15, 1942.

Survey commenced November 26, 1933.

Survey completed June 13, 1942.

INDEX DIAGRAM.

Township 20 South, *Range* 13 East

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T. 20 S., R. 13 E.

The survey of T. 20 S., R. 13 E., Salt Lake Meridian, Utah, was commenced November 26, 1933, by Chas. F. Moore, U.S. Surveyor, and executed with Buff and Buff transit No. 9983. Work was discontinued on this township December 13, 1933, and resumed June 1, 1942, by Elliot Bird, Associate Cadastral Engineer, Andrew Nelson, Assistant Cadastral Engineer, and Robert C. Yundt, Assistant Cadastral Engineer, using Buff and Buff transits Nos. 18003, 23831, and 14191 respectively. The instruments were equipped with Smith solar attachments and full vertical circles. The horizontal limbs are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. The instruments were approved for use on this survey, by the district cadastral engineer for Utah, conditional upon satisfactory field tests. At the commencement of the survey, the instruments were tested and found free from appreciable error. Throughout the progress of the survey, the instruments were frequently tested and kept in good adjustment.

The country of which the lines of the survey were projected, was open, and the solar attachments were not used. All azimuths in this record, are referred to true meridians established by observations made on Polaris during the progress of the work. The bearings of the lines were determined by deflection angles from these true meridians, and the lines were carried forward by fore and back sights.

The measurements were made with Lallie steel tapes, 5 and 8' chains in length. The tapes were graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tapes were tested, comparison being made with a Luffkin standard steel tape 1 chain in length and found correct. The measurements were made on the slope, the vertical angle determined with clinometers in good adjustment, and the slope measurements properly reduced to true horizontal distances, which appear in this record.

The latitude and longitude used at the stations where observations were made, were computed from the Coast and Geodetic Survey triangulation station *Saleratus*, which is located at a point, N. $61^{\circ}43'$ E., 10.18 chs. dist. from the standard corner of secs. 35 and 36, on the South boundary of T. 20 S., R. 14 E. The latitude and longitude of this station is given as latitude $39^{\circ}01'58''$ N., and longitude $110^{\circ}18'18''$ W.

4TH STANDARD PARALLEL S. ALONG THE S. BDY. T. 20 S., R. 13 E.

November 26, 1933: Stationed at the standard cor. of Tps. 20 S., Rs. 13 and 14 E., an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 14 E., in approximate latitude $39^{\circ}02'$ N., longitude $110^{\circ}24'$ W.; at 5h 26.9m p.m. by my watch which carries correct 105th meridian standard time, with instrument No. 9983, I make an hour angle observation on Polaris east of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a stake driven firmly in the ground about 15 chains to the north of my station, east to Polaris.

Local mean time of observation	5h 5.3m p.m.
Horizontal deflection angle, stake to star	$1^{\circ} 10'$ E.
Azimuth of Polaris	$1^{\circ} 13'$ E.
True bearing to stake	N. $0^{\circ}03'$ E.

212

1/4" STANDARD PARALLEL S. ALONG THE S. HWY. T. 20 S.

Chains

I deflect an angle of $90^{\circ}03'$ to the left of the true meridian, thence:

West, along the S. hwy. of sec. 36.

Ascend gradual E. slope of broken sandstone breaks, the scattered short undergrowth and very scattered timber.

- 2.10 Small spur, 30 ft. above cor., slopes SE.; descend.
- 3.30 Small draw, 30 ft. below spur, drains SE.; ascend E. slope.
- 11.20 Point which is a westing of 40.00 chs. from the closing of secs. 4 and 5, T. 21 S., R. 14 E.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top for 1/2 sec. cor. sec. 5, T. 21 E., R. 14 E., with brass cap marked

± 85

1942

deposit a sandstone, 12 x 12 x 6 ins., at base of post, marked X.

- 20.10 The SE. point of ledge on spur, 20 ft. high and 140 ft. above draw, spur slopes SE.; descend SW. slope.
- 27.80 Bend in rocky gulch, 90 ft. below point of ledge, drains SE. from the SW.; ascend ledgy SE. slope.
- 31.00 Point of sandstone spur, 130 ft. above gulch, slopes S.; descend steep SW. face of surfacerock.
- 31.00 True point for the standard; sec. cor. sec. 36, falls on steep SW. face of surfacerock, where it is impracticable to set a cor. Mark a cross on the surfacerock at the cor. point.
- 42.20 Draw, 70 ft. below point of spur, drains SE.; ascend gradual NE. slope.
- 43.53 On gradual NE. slope, 30 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a large mound of stone to top for witness cor. to the standard & sec. cor. sec. 36, T. 20 S., R. 13 E., with brass cap marked

30
± 836 WC

1933

from which

A juniper, 3 in. diam., bears N. $77^{\circ}30'$ E., 160 lbs. dist., marked WC ET.

A juniper, 3 in. diam., bears N. 35° W., 28 lbs. dist., marked WC ET.

- 54.00 Top of E. face of sandstone dome to the S., 120 ft. above cor.; descend gradually.

4TH STANDARD PARALLEL S. ALONG S. BDY., T. 20 S., R. 13 E.

Chains

- 56.50 Recross gulch, 70 ft. below N. face of dome, drains NE.: ascend gradually over broken sandstone.
- 57.97 The closing cor. of secs. 5 and 6, T. 21 S., R. 14 E., an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 21 S., R. 14 E., book "B" of this group.
- 61.00 Recross gulch, drains SE.; ascend gradually over E. slope.
- 80.00 North 1 lk. from the tangent; on sandstone surfacerock, 140 ft. above gulch, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for the standard cor. of secs. 35 and 36, with brass cap marked

S C	
T20S	R13E
S35	S36

1933

from which:

A juniper, 3 ins. diam., bears N. 40° E., 31 lks. dist., marked SC BT.

A juniper, 6 ins. diam., bears N. $50^{\circ}30'$ W., 109 lks. dist., marked T20S R13E S35 SC BT.

No other suitable bearing trees available.

Land, broken general E. breaks of the San Rafael Swell. Soil; shallow loose sand and surfacerock; 4th rate. Undergrowth, scattered short sage, shadscale, weeds, and grass.

Timber, a few scattered scrub juniper and pinon. Poor grazing land.

West, along the S. bdy. of sec. 35, on a transit line, describing the tangent, which bears S. $89^{\circ}59.3'$ W.

Ascend gradually over broken ledgy E. slope, through very scattered scrub timber and short undergrowth.

- 40.00 North, 2 lks. from the tangent; on sandstone surfacerock, 270 ft. above the standard sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for the standard $\frac{1}{4}$ sec. cor. sec. 35, T. 20 S., R. 13 E., with brass cap marked

SC
$\frac{1}{4}$ S35

1933

from which

A pinon, 3 ins. diam., bears N. 40° E., 172 lks. dist., marked SC BT.

No other bearing trees available.

4TH STANDARD PARALLEL S., ALONG S. BDY., T. 20 S., R. 13 E.

Chains

- 50.50 Top of ascent, 90 ft. above the $\frac{1}{4}$ sec. cor., slopes SE.; descend gradually.
- 54.00 Rim of sandstone gulch, bears NW. and SE.; descend abruptly.
- 57.70 Bottom of sandstone gulch, 170 ft. below top of ascent, drains SE., and heads NW., about 15.00 chs. dist.; ascend abruptly.
- 60.00 Top of SW. rim of gulch, bears NW. and SE.; ascend gradually over sandstone outcroppings.
- 79.00 Top of ascent, 210 ft. above bottom of canyon, bears N. and S.; descend gradually.
- 80.00 North 3 lks. from the tangent; on sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for the standard cor. of secs. 34 and 35, with brass cap marked

S	E
T20S	R13E
S34	S35

1933

from which

A juniper, 3 ins. diam., bears N. 36° W., 60 lks. dist., marked SC BT.

No other suitable bearing trees available.

West, 2.50 chs. dist. from this cor., is the top of high nearly inaccessible E. breaks of the San Rafael River, and as the land to the W. of this point consists of nearly inaccessible ledges and breaks, and has no improvements, I abandon the survey of the 4th standard parallel S. along the S. bdy. of T. 20 S., R. 13 E., at this point.

Land, broken E. slope of the E. breaks of San Rafael Sweet Soil, shallow pockets of loose sand in the surfacerock; rate.

Timber, a few scattered scrub juniper and pinon.

Undergrowth, scattered short sage, and black brush, weed and grass.

Poor grazing land.

INDEPENDENT RESURVEY PORTION N. BDY., T. 20 S., R. 13 E.

Independent resurvey superseding surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1880.

Note: The E. 2 miles of this boundary, were surveyed by Jos. C. Thoma, U.S. Cadastral Engineer, in 1923.

From the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of T. 20 S., R. 13 E., an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 19 S., R. 13 E.

West, bet. secs. 3 and 34, on a transit line, describing the tangent.

INDEPENDENT RESURVEY PORTION N. BDY., T. 20 S., R. 13 E.

Chains

Over rolling land, through scattered short undergrowth.

16.10 Draw, 40 ft. deep, drains SE.

40.00 On top of sandstone rim facing W. and bearing N. and S.; mark a cross (X), on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S34}{S3}$$

1942

From this cor., the original $\frac{1}{4}$ sec. cor., bears N. 66° W., 1.49 lks. dist. Cor. is a trachyte, 20 x 10 x 5 ins., loosely set, marked $\frac{1}{4}$ on N. face. I deposit the corner monument alongside the iron post.

42.90 Base of sandstone rim, 50 ft. below top, bears N. and S.; thence over rolling land.

58.00 Small draw, drains S.

72.00 Top of small rocky point, slopes S.

73.50 Dim road, bears NW. and SE.

80.00 North 1 lk. from the tangent.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 3, 4, 33, and 34, with brass cap marked

T19S	R13E
S33	S34
S4	S3
T20S	

1942

From this cor., the original sed. cor., bears N. $78^{\circ}26'$ W., 1.70 chs. dist. Cor. is a sandstone, 20 x 10 x 6 ins., loosely set, marked 3 notches on E. and W. edges. I deposit the cor. monument alongside the iron post.

Land, rolling.

Soil, shallow loose sand; 4th rate.

Timber, a few scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, weeds, and grass.

Fair grazing land.

West, bet. secs. 4 and 33, on a transit line, describing the tangent, which bears S. $89^{\circ}59.3'$ W.

Ascend gradually over rolling land, through scattered scrub timber and short undergrowth.

2.00 Small wash, drains S.

5.50 Old railroad grade, bears NW. and SE.

Chains

29.00 Small wash; drains SE, around a high ridge, ...
 40.00 North 2 lks. from the tangent. ...
 Set an iron post, 3 ft. long, 2 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top for $\frac{1}{2}$ sec. cor., with brass cap marked S33; ...
 S33
 S4

1942

From this cor., the original $\frac{1}{2}$ sec. cor., bears N. $66^{\circ}41'$ 1.99 chs. dist. I deposit the corner monument alongside the iron post.

- 57.30 Draw, drains SE; ascend gradually through scattered timber.
- 73.60 Recross draw, drains SE.
- 76.70 Recross draw, drains SE.
- 90.00 North 3 lks. from the tangent.

Set an iron post, 3 ft. long, 2 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top for cor. of secs. 4, 5, 32, and 33, with brass cap marked

T19S R13E	S32	S33
S5	S4	
T20S		

1942

from which

A juniper, 6 ins. diam., bears S. $73^{\circ}45'$ E., 25 lks. dist., marked T20S R13E S4 BT.

A juniper, 6 ins. diam., bears S. $62^{\circ}45'$ W., 93 lks. dist., marked T20S R13E S5 BT.

No other suitable bearing trees available.

From this cor., the original cor. of secs. 4, 5, 32, and 33, bears N. $70^{\circ}15'$ W., 3.06 chs. dist. Cor. is a shale, 24 x 16 x 2 ins., loosely set, marked 4 notches on E. edge and 2 notches on W. edge. I deposit the cor. monument alongside the iron post.

Land, rolling and broken.
 Soil, shallow loose sand; 4th rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, shadscale, weeds, and grass.
 Fair grazing land.

00.5

00.7

SURVEY OF A PORTION NORTH BOUNDARY, T. 20 S., R. 13 E.

Chains

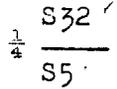
West, bet. secs. 5 and 32, on a transit line, describing the tangent which bears S. 89°58.6' W.

Ascend gradually over broken land, through scattered timber and short undergrowth.

13.70 Small sandstone rim, faces SW. and bears NW. and SE.

40.00 North, 5 lks. from the tangent; on general E. slope, 230 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor., with brass cap marked



1942

deposit a sandstone, 10 x 10 x 5 ins., at base of post, marked X.

No suitable bearing trees available.

Cor. set on N. side of draw draining N. 80° E.

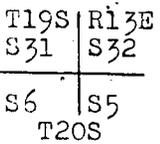
47.60 Recross draw, drains S. 80° E.

62.00 Top of low flat spur, projects N. 60° E.

76.20 Recross draw, drains N. 80° E.

80.00 North, 7 lks. from the tangent; on general SE. slope, 180 ft. above the 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 5, 6, 31, and 32, with brass cap marked



1942

from which

A juniper, 6 ins. diam., bears S. 48°45' W., 138 lks. dist., marked T20S R13E S6 BT.

No other bearing trees available.

Land, broken, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

SURVEY OF A PORTION NORTH BOUNDARY, T. 20 S., R. 12 E.,

Chains

West, bet. secs. 6 and 31, on a transit line, describe the tangent, which bears S. 89°57'9" E. dist.

- 4.50 Draw, drains S. 20° E.
- 11.90 Recross draw, drains NE.
- 14.40 Draw, drains N. 30° E.
- 25.40 Top of ascent, 80 ft. above cor., bears NE and SW, descend gradually.
- 32.50 Small draw, drains NE.
- 39.70 Small draw, drains NE.
- 40.00 North, 10 lks. from the tangent:
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top for sec. cor., with brass cap marked

S31
—
S6
1942

from which

A juniper, 6 ins. diam., bears S. 55° E., 96 lks. dist., marked S6 BT.

A juniper, 6 ins. diam., bears N. 50° W., 67 lks. dist., marked S31 BT.

- 49.80 Small draw, drains NE.
- 63.90 Small draw, drains NW.
- 77.17 North 13 lks. from the tangent; intersect the E. bdy. of T. 19 S., R. 12 E., North, 1.87 chs. dist. from the cor. set for Ts. 19 and 20 S., Rs. 12 and 13 E. Cor. is an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 19 S., R. 12 E. I efface the marks on the cor. monument that pertain to Ts. 19 and 20 S., R. 13 E.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground and mound of stone, for closing cor. of Ts. 19 and 20 S., R. 13 E., with brass cap marked

T19S	T19S
S36	S31 C
	S6 C
R12E	T20S

1942

from which

A point on the sloping sandstone surface rock, marked X B0, bears N. 10° E., 12 lks. dist.

A pinon, 6 ins. diam., bears East, 6 lks. dist., marked BT. Tree too scrubby for other marks.

No other suitable bearing tree available.

SURVEY OF A PORTION NORTH BOUNDARY, T. 20 S., R. 13 E.

Chains

Land, broken with sandstone outcroppings.
Soil, shallow loose sand and rock; 4th rate.
Timber, scrub juniper and pinon.
Undergrowth, sage and black brush, shadscale, mountain
rush, weeds, and grass.
Fair grazing land.

SUBDIVISION OF A PORTION, T. 20 S., R. 13 E.

From the standard cor. of secs. 35 and 36, on the S. bdy.
of the township.

N. 0°01' W., bet. secs. 35 and 36.

Descend gradually over broken E. slope of sandstone
surfacerock, and ledges, through very scattered scrub timber
and short undergrowth.

- 9.80 Small sandstone gulch, 20 ft. below cor., drains SE.;
ascend gradually over SE. slope of sandstone butte.
- 15.80 Top of E. slope of sandstone butte, 50 ft. above gulch,
slopes E., and bears W., 2.00 chs. dist. to top; descend
abrupt NE. slope.
- 24.80 Sandstone gulch, 100 ft. below top of ascent on butte,
drains E.; ascend gradually.
- 39.00 On top of sandstone spur, 150 ft. above gulch, projects E.,
mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone to top, for witness cor. to the sec. cor.,
with brass cap marked
- W | C
S35 | S36
1933
- 40.00 True point for the sec. cor., falls on steep inaccessible
N. face of spur, where it is impracticable to set a cor.
- 46.50 Sandstone gulch, 160 ft. below top of spur, drains E.;
ascend steep S. slope of sandstone surfacerock.
- 55.00 Sandstone spur, 140 ft. above gulch, projects E.; descend.
- 59.10 Wash, 30 lks. wide, 2 ft. deep, in draw, 60 ft. below spur,
drains E.; ascend.
- 67.10 Top of elongated butte on sandstone spur, 110 ft. above
draw, spur projects E. and butte bears E. and W.; descend
abruptly.
- 74.10 Wash, 30 lks. wide, 2 ft. deep, in draw, 210 ft. below
spur, drains E.; ascend abruptly.
- 80.00 On general NE. slope, 210 ft. above wash.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to solid rock and in a large mound of stone to top,
for cor. of secs. 25, 26, 35, and 36, with brass cap-marked

SUBDIVISION OF A PORTION, T. 20 S., R. 13 E.

Chains

T20S	R13E
S26	S25
S35	S36

1933

deposit a sandstone, 10 x 8 x 5 ins., at base of post, marked X.

Land, broken sandstone ledges and surfacerock;
Soil, shallow loose sand and rock; 4th rate.
Timber, a few scattered scrub juniper and pinon.
Undergrowth, short sage and black brush, shadscale,
mountain rush, weeds, and grass.
Poor grazing land.

East, on random line, bet. secs. 25 and 36.

40.00 Set temp. sec. cor.

70.12 Intersect the E. bdy. of the township, 12 lks. S. of the cor. of secs. 25, 30, 31, and 36, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 14 E.

Thence:

S. 89°55' W., on true line, bet. secs. 25 and 36.

Ascend general E. slope of broken land, through scattered short undergrowth. Line follows along three wire fence bearing easterly and westerly.

5.40 Small seep in bottom of draw, drains SE.

9.60 Dim old road, bears NW. and SE.

10.00 Three wire fence bears easterly and southwesterly.

12.60 Recross draw and seeps, drains NE.

15.30 Recross draw and seeps, drains SE.

21.00 Recross draw and seeps, drains NE

40:06 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top for sec. cor., with brass cap marked

S25
S36

1933

deposit a sandstone, 8 x 6 x 2 ins., at base of post, marked X,

44.70 Recross draw which is dry at this point, drains SE.; ascend.

52.00 Top of ascent, 100 ft. above draw, slopes N.; descend.

56.50 Recross draw, 40 ft. below top of ascent, drains NE.; ascend over ledges.

SUBDIVISION OF A PORTION, T. 20 S., R. 13 E.

Chains

80.12 The cor. of secs. 25, 26, 35, and 36, 230 ft. above draw.
 Land, broken, with outcroppings of sandstone.
 Soil, shallow loose sand and rock; 4th rate.
 Timber, a few scattered juniper and pinon.
 Undergrowth, sage and black brush, mountain rush, shadscale, weeds, and grass.
 Fair grazing land.

N. 0°01' W., bet. secs. 25 and 26.

Descend gradually over general E. slope of rolling and broken land, through scattered short undergrowth.

- 5.20 Head of draw, 50 ft. below cor., drains NE.; ascend.
- 8.40 Spur, 50 ft. above head of draw, projects E.; descend abruptly.
- 17.30 Wash, 30 lks. wide, 2 ft. deep, in bottom of draw, 130 ft. below spur, drains E.; ascend gradually.
- 30.00 Head of draw, 20 ft. below spur, drains S. 15° E.; ascend gradually.
- 34.30 Ridge, 20 ft. above head of draw, bears NW. and SE.; descend gradually.
- 40.00 On gradual NE. slope, 30 ft. below ridge.
 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for sec. cor., with brass cap marked

S26	S25
-----	-----

1933

deposit a sandstone, 10 x 1 x 6 ins., at base of post, marked X.

- 47.80 Wash, 30 lks. wide, 2 ft. deep, in bottom of ravine, 20 ft. below cor., drains NE.; continue descent.
- 57.20 Boxed gulch, 30 ft. below the 1/4 sec. cor., drains E.; continue descent.
- 68.20 Boxed gulch, 60 ft. below the 1/4 sec. cor., drains E.; continue descent.
- 76.40 Boxed gulch, 140 ft. below the 1/4 sec. cor., drains E.; continue descent.
- 80.00 On general NE. slope, 150 ft. below the 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 23, 24, 25, and 26, with brass cap marked

T20S	R13E
------	------

S23	S24
-----	-----

S26	S25
-----	-----

1933

SUBDIVISION OF A PORTION, T. 20 S., R. 13 E.

Chains

and

Deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

No trace of the original cor. of secs. 23, 24, 25, and 26 set by A.D. Ferron, U.S. Deputy Surveyor, in 1880, could be found.

Land, NE. slope of the E. breaks of the San Rafael River Soil, shallow loose sand and rock; 4th rate. Timber, a few scattered scrub juniper. Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass. Fair grazing land.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Independent resurvey superseding surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1880.

From the cor. of secs. 23, 24, 25, and 26.

N. 89°55' E., on random line, bet. secs. 24 and 25.

40.00 Set temp. sec. cor.

80.06 Intersect the E. bdy. of the township, 26 lks. S. of the cor. of secs. 19, 24, 25, and 30, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 14 E.

Thence:

S. 89°44' W., on true line, bet. secs. 24 and 25.

Over general SE. slope of broken bench land, through scattered short undergrowth:

• 26.60 Small draw, drains SE.

34.50 Small draw, drains SE.

40.03 On broken bench land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4 $\frac{S24}{S25}$

1933

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

From this cor., the original 1/4 sec. cor. bears N. 65°00' 1.10 chs. dist. Cor. is a sandstone, 18 x 16 x 3 ins., firmly set in small mound of stone, marked 1/4 on N. face. I deposit the cor. monument alongside the iron post.

43.00 Leave bench land and enter bottom lands of Cottonwood Wash bears NW. and SE. Scattered cottonwood trees along bottom lands of wash.

47.10 The NE. bank of Cottonwood Wash, bears NW. and SE.; then across channel of wash, which has a small intermittent stream of alkali water flowing SE.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

- Chains
- 51.60 The SW. bank of Cottonwood Wash. bears NW. and SE.; continue across bottom lands of wash.
- 56.60 Leave bottom lands of wash and ascend gradually over broken NE. slope of bench land, bears NW. and SE.
- 63.70 Dim road, bears NE., and SW., 3.00 chs. dist., thence S.
- 73.90 Draw, drains NE. Small seeps of water along bottom of draw.
- 77.90 Old railroad grade, bears NW. and SE.
- 80.06 The cor. of secs. 23, 24, 25, and 26, 100 ft. above Cottonwood Wash.
- Land, broken and rolling.
Soil, shallow sand and clay, with a rocky surface; 4th rate.
Timber, scattered cottonwood along bottom lands of Cottonwood Wash.
Undergrowth, sage and black brush, greasewood, shadscale, mountain rush, weeds, and grass.
Fair grazing land.
-
- N. 0°01' W., on random line, bet. secs. 23 and 24.
- 40.00 Set temp. sec. cor.
- 80.32 Fall 5 lks. W. of the original cor. of secs. 13, 14, 23, and 24, hereinafter described.
- Thence, from the cor. of secs. 23, 24, 25, and 26.
- N. 0°01' E., on true line, bet. secs. 23 and 24.
- Descend gradually along broken E. slope of bench land, through scattered short undergrowth.
- 2.60 Old railroad grade, bears N. 30° W. and S. 30° E.
- 25.10 Cottonwood Wash, 60 ft. below cor., 3.00 chs. wide, drains SE. Wash is dry at this point. Ascend gradually over rolling SW. slope.
- 37.00 Enter sandstone and gypsum breaks, bears N. 30° W. and S. 30° E.
- 40.16. Proportionate distance; in gypsum and sandstone breaks, 50 ft. above Cottonwood Wash.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked

S23 | S24

1942

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From this cor., U.S. Coast and Geodetic Survey bench mark No. J39, bears S. 79°33' W., 11.80 chs. dist. Bench mark is a bronze tablet set in the surfacerock at the W. side of the channel of Cottonwood Wash.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Chains

From the 1/4 sec. cor., the original 1/4 sec. cor. bears N. 40°00' W., 12 lks. dist. Cor. is a sandstone, 16 x 10 10 ins., loosely set, marked 1/4 on W. face. I deposit the cor. monument alongside the iron post.

45.00 Top of gypsum and sandstone breaks and the SW. rim of a rolling sandy bench, 50 ft. above the 1/4 sec. cor., bears N. 30° W. and S. 30° E.

80.32 The original cor. of secs. 13, 14, 23, and 24, a sandstone 18 x 12 x 3 ins., firmly set, marked 4 notches on S. edge and 1 notch on E. edge. Cor. has no accessories.

At the cor. point; on E. rim of sandy bench, bears N. 20° and S. 20° E.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, with the original cor. monument deposited at the base of the post, for cor. of secs. 13, 14, 23, and 24, with brass cap marked

T20S	R13E
S14	S13
S23	S24

1942

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

No timber.

Undergrowth, sage and black brush, shadscale, greasewood weeds, and grass.

Fair grazing land.

SURVEY OF A PORTION, SUBDIVISION, T. 20 S., R. 13 E.

From the cor. of secs. 13, 14, 23, and 24.

N. 89°44' E., on random line, bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect the E. bdy. of the township, 2 1/2 lks. N. of the cor. of secs. 13, 18, 19, and 24, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 14 E.

Thence:

S. 89°53' W., on true line, bet. secs. 13 and 24.

Ascend gradually over broken top of high sandstone reef, through very scattered timber and undergrowth.

18.40 Top of W. face of high sandstone break or reef, 30 ft. above cor., bears N. 20° W. and S. 20° E.; descend abruptly over ledges.

23.20 Base of reef, bears N. 20° W. and S. 20° E.; thence descend gradually over broken land.

40.04 On broken land, 300 ft. below top of reef.

SURVEY OF A PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

Set an iron post, 18 ins. long, 1 in. diam., 12 ins. in a hole drilled in the sandstone surfacerock, for $\frac{1}{4}$ sec. cor., with brass cap marked

S13
 $\frac{1}{4}$ ———
S24
1942

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

59.50 Shallow sandstone draw, drains S. 60° W.

65.40 Junction of draws, drains SE. from the NE. and N. 30° W. Small seeps of alkali water along bottom of draws.

80.08 The cor. of secs. 13, 14, 23, and 24, on E. rim of bench, 70 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken E. and W. faces of high sandstone reef. Soil, shallow sand and clay, with a rocky surface; 4th rate.

Timber, a few scattered scrub juniper and pinon. Undergrowth, sage and black brush, shadscale, greasewood, mountain rush, weeds, and grass. Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor
in 1880.

From the cor. of secs. 13, 14, 23, and 24.

N. 0°01' E., bet. secs. 13 and 14.

Descend gradually from E. rim of bench, through scattered short undergrowth.

11.00 Head of draw, 20 ft. below cor., drains SE.; ascend gradually.

30.50 Sandy spur, 40 ft. above draw, slopes S. 30° E.; descend gradually along E. slope.

40.10 Proportionate distance; find no trace of the original $\frac{1}{4}$ sec. cor.

On gradual E. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S14 | S13
1942

deposit a sandstone, 24 x 12 x 2 ins., at base of post, marked X.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Chains

- 52.40 Shallow draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains S. 30° E. and ascends gradually.
- 57.60 Sandstone and shale rim, 100 ft. above draw, faces SW. bears N. 30° W. and S. 30° E.; thence over rolling land
- 80.20 The original cor. of secs. 11, 12, 13, and 14, a sandstone 12 x 12 x 4 ins., loosely set in a small mound of stone marked 4 notches on S. edge and 1 notch on E. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in ground and in a large mound of stone to top, with the original cor. monument deposited at the base of the post for cor. of secs. 11, 12, 13, and 14, with brass cap marked

T20S	R13E
S11	S12
S14	S13
1942	

- Land, rolling and broken.
Soil, shallow loose sand; 4th rate.
No timber.
Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
Fair grazing land.

SURVEY OF A PORTION SUBDIVISION, T. 20 S., R. 13 E.

From the cor. of secs. 11, 12, 13, and 14.

N. 89°53' E., on random line, bet. secs. 12 and 13.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.20 Intersect the E. bdy. of the township, 12 lks. S. of the cor. of secs. 7, 12, 13, and 18, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 14 E.

Thence:

S. 89°48' W., on true line, bet. secs. 12 and 13.

Ascend gradual E. slope of high ledgy reef, through scattered timber and short undergrowth.

- 5.20 Wide low spur, slopes SE.; continue ascent.
- 14.10 Top of W. face of high reef, 90 ft. above cor., bears N. and S.; descend abrupt W. face of reef over ledges.
- 21.00 Base of reef, bears N. and S.; thence descend gradually over broken bench land.
- 40.10 On broken bench land, 360 ft. below top of reef.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

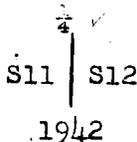
- 1942
- deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.
- 42.20 Sandstone draw, 20 ft. deep, drains SW.
- 50.80 Top of sandstone rim, faces W. and bears N. 30° W. and S. 30° E.; descend abruptly.
- 54.80 Wash, 30 lks. wide, 2 ft. deep, at base of reef, 200 ft. below top, drains S. 30° E.; thence over broken bench land.
- 75.70 Shallow sandstone draw, 20 ft. deep, drains S. 30° W.
- 80.20 The cor. of secs. 11, 12, 13, and 14.

Land, broken shale and sandstone breaks.
 Soil, shallow sand and clay, with a rocky surface; 4th rate.
 Timber, a few scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, shadscale, mountain rush, greasewood, weeds, and grass.
 Fair grazing land.

N. 0°01' W., bet. secs. 11 and 12.

Over broken bench land, through scattered scrub timber and short undergrowth.

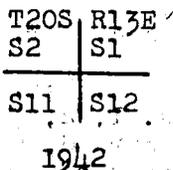
- 31.60 Head of shallow draw, drains S. 30° E.
- 40.00 At base of cove in high reef to the N, bears SE. and SW., 120 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor., with brass cap marked.



deposit a sandstone, 10 x 8 x 8 ins., at base of post, marked X.

- 43.40 Top of sandstone reef, 180 ft. above cor., bears E. and SW.; thence over broken bench land.
- 80.00 On broken bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 1, 2, 11, and 12, with brass cap marked



deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

Land, broken, with a general southwesterly exposure.
Soil, shallow loose sand and clay, with a rocky surface;
4th rate.
Timber, a few scattered scrub juniper and pinon.
Undergrowth, sage and black brush, shadscale, mountain
rush, greasewood, weeds, and grass.
Fair grazing land.

N. 89°48' E., on random line, bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

20.14 Intersect the E. bdy. of the township, 19 lks. S. of the
cor. of secs. 1, 6, 7, and 12, an iron post, 3 ins. diam.
set, marked, and witnessed, as described in the official
record of the survey of T. 20 S., R. 14 E.

Thence:

S. 89°40' W., on true line, bet. secs. 1 and 12.

Ascend gradually over rocky E. slope of broken land, thru
scattered scrub timber and short undergrowth.

40.07 On rocky E. slope, 250 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to solid rock and in a large mound of stone to top
for $\frac{1}{4}$ sec. cor., with brass cap marked

S1
 $\frac{1}{4}$ ———
S12

1942

deposit a
sandstone, 10 x 10 x 8 ins., at base of post, marked X.

53.00 Top of high sandstone and shale reef, 80 ft. above the
sec. cor., faces SW. and bears N. 30° W. and S. 30° E.;
descend abruptly over ledges.

64.50 Draw at base of reef, 100 ft. below top, drains S. 30° E.
thence over broken sandstone outcroppings.

20.14 The cor. of secs. 1, 2, 11, and 12, 50 ft. above draw.

Land, broken sandstone and shale outcroppings and ledges
Soil, shallow clay and sand, with a rocky surface; 4th
rate.

Timber, very scattered scrub juniper and pinon.
Undergrowth, sage and black brush, shadscale, mountain
rush, weeds, and grass.
Fair grazing land.

N. 0°01' W., on random line, bet. secs. 1 and 2.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

20.95 Intersect the N. bay. of the township, 16 lks. W. of the
cor. of secs. 1, 2, 35, and 36, an iron post, 2 ins.
diam., set, marked, and witnessed, as described in the
official record of the survey of T. 19 S., R. 13 E.

Thence:

SURVEY PORTION, SUBDIVISION, T. 20 S., R. 13 E.

Chains

- S. 0°06' W., on true line, bet. secs. 1 and 2.
Over broken sandstone outcroppings, through very scattered scrub timber and short undergrowth.
- 1.90 Rocky boxed gulch, 50 ft. deep, drains S. 70° E.
- 29.30 Sandstone draw, 40 ft. deep, drains E.
- 40.95 At head of draw in W. face of rim, drains W.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



- deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked X.
- 45.50 Top of the SW. point of high reef, 60 ft. above the $\frac{1}{4}$ sec. cor.; descend abruptly over ledges.
- 59.30 Head of large rocky draw, 150 ft. below point of reef, drains E.; ascend abruptly over ledges.
- 67.60 Top of sandstone butte on W. point of reef, 140 ft. above head of draw; descend abruptly over ledges.
- 80.95 The cor. of secs. 1, 2, 11, and 12, 180 ft. below top of butte.

Land, broken sandstone ledges.
Soil, shallow loose sand with a rocky surface; 4th rate.
Timber, a few scattered scrub juniper and pinon.
Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
Fair grazing land.

From the standard cor. of secs. 34 and 35, on the S. bdy. of the township.

N. 0°01' W., bet. secs. 34 and 35.

Descend gradually over broken NE. slope of sandstone ledges and surfacerock, through scattered timber and undergrowth.

- 40.00 On broken land, 110 ft. below cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

A pinon, 3 ins. diam., bears N. 65° E., 87 lks. dist., marked BT.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

A pinon, 3 ins. diam., bears S. 14° W., 12 lks. dist., marked BT.

45.27 Top of sandstone dome, 40 ft. high.

The line to the N. of this point passes over a series of high sandstone domes and buttes with vertical walls, over which it is impracticable to project a line or chain; to pass same, I proceed on traverse line as follows.

N. 8°15' W., 12.62 chs.

N. 5°30' E., 9.70 chs.

East, 87 lks. to:

67.42 Point on true line at top of sandstone spur, projects NE.; descend.

75.66 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for witness cor. to the cor. of secs. 26, 27, 34, and 35, with brass cap marked

W C	
T20S	R13E
S27	S26
S34	S35

1933

No suitable bearing trees available.

80.00 True point for the cor. of secs. 26, 27, 34, and 35; fall on the N. face of sandstone dome, where it is impracticable to set a cor.

Land, broken sandstone ledges, buttes, and domes.

Soil, shallow loose sand; 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, scattered shadscale, black and sage rbush, mountain rush, weeds, and grass.

Poor grazing land.

From the true point for the cor. of secs. 26, 27, 34, and 35.

East, on random line, bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 25, 26, 35, and 36.

Thence:

N. 89°56' W., on true line, bet. secs. 26 and 35.

Descend gradually over broken land, through very scattered scrub timber and short undergrowth.

6.50 Draw, 50 ft. below cor., drains SE.

14.30 Draw, 100 ft. deep, drains NE.

24.30 Draw, 70 ft. deep, drains NE.

27.70 Saddle in low spur, projects NE. 1/4 Sec.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

- 31.80 Draw, 80 ft. deep, drains NE.
- 34.80 Sandstone spur, slopes NE.
- 39.11 On sandstone surface rock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S26}{S35}$ WC
 1933

 from which
 A pinon, 3 ins. in diam., bears N. 33° E., 66 lks. dist., marked WC BT.
 A juniper, 3 ins. in diam., bears S. 35° E., 87 lks. dist., marked WC BT.
- 40.01 True point for the $\frac{1}{4}$ sec. cor. falls on steep face of sandstone ledge where it is impracticable to set a cor.
- 40.50 Narrow boxed gulch, 50 ft. deep, drains N.
- 57.60 Small draw, drains N.
- 75.40 Draw at base of high cliff, drains NE.; ascend abrupt E. face of cliff.
- 79.80 Top of cliff, 200 ft. high, faces E. and bears N. and S.
- 80.02 The true point for the cor. of secs. 26, 27, 34, and 35, 140 ft. above the $\frac{1}{4}$ sec. cor.
 Land, broken sandstone ledges and outcroppings.
 Soil, shallow loose sand; 4th rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, scattered short sage and black brush, mountain rush, shadscale, weeds, and grass.
 Poor grazing land.

- From the true point for the cor. of secs. 26, 27, 34, and 35, which is N. 0°01' W., 4.34 chs. dist. from the witness cor. to the cor. of said secs.
 N. 0°01' W., bet. secs. 26 and 27.
 Over broken NE. face of sandstone ledges, through scattered scrub timber and short undergrowth.
- 20.70 Top of E. point of sandstone cliff, about 400 ft. high, bears SW. and N. 20° W.; descend abruptly over ledges.
- 32.60 Top of S. rim of rocky gulch, bears E. and W.
- 39.20 Bottom of gulch, 160 ft. deep, drains E.; ascend broken N. breaks of gulch.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls in N. breaks of gulch, where it is impracticable to set a cor.
- 41.64 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

CHAINS

S27 | S26

1942

1942

from which

A juniper, 3 ins. diam., bears N. 74° E., 11 lks. dist., marked WC BT.

A juniper, 3 ins. diam., bears S. 73° W., 71 lks. dist., marked WC BT.

- 44.10 Top of N. rim of gulch, 60 ft. above bottom, bears E. and W.; descend gradually.
- 56.90 Top of abrupt descent over ledgy N. slope, bears E. and W.
- 63.70 Top of abrupt descent over nearly vertical sandstone ledges, bears E. and W.
- 75.20 Rocky gulch, 240 ft. below top of descent, drains NE.; ascend abruptly over ledges.
- 90.00 True point for the cor. of secs. 22, 23, 26, and 27, fall in broken sandstone ledges where it is impracticable to set a cor.
- 91.36 At top of N. rim of gulch, 120 ft. above bottom, and at base of steep ascent over sandstone, bears E. and W.; mark a cross (X) on the surface rock, over which:
- Set an iron post, 3 ft. long, 2 ins. in diam., in a large mound of stone to top, for witness cor. to the cor. of secs. 22, 23, 26, and 27, with brass cap marked

T20S	R13E
S22	S23
S27	S26
WC	

1942

from which

A pinon, 8 ins. diam., bears N. 7° E., 143 lks. dist., marked WC T20S R13E S23 BT.

A pinon, 3 ins. diam., bears S. 48° 30' E., 63 lks. dist., marked WC BT.

A juniper, 3 ins. diam., bears E. 50° 30' W., 155 lks. dist., marked WC BT.

No other suitable bearing trace available.

Land, broken sandstone rims and ledges.
 Soil, shallow loose sand with a rocky surface; 4th rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, chadacals, mountain
 rnah, weeds, and grass.
 Poor grazing land.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

From the true point for the cor. of secs. 22, 23, 26, and 27, which is S. 0°01' E., 1.36 chs. dist. from the witness cor. to the cor. of said secs.

S. 89°56' E., on random line, bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25, and 26.

Thence:

N. 89°53' W., on true line, bet. secs. 23 and 26.

Ascend gradual NE. slope of broken land, through scattered timber and short undergrowth.

17.70 Draw, 40 ft. deep, drains NE.; continue ascent.

29.00 Draw, 40 ft. deep, drains NE.; continue ascent.

40.02 On broken land, 240 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S23

$\frac{1}{4}$

S26

1942

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

42.00 Draw, 40 ft. deep, drains N.; continue ascent.

53.40 Draw, 40 ft. deep, drains N.; continue ascent over sandstone surfacerock.

62.20 Draw, 30 ft. deep, drains NE.; continue ascent.

67.40 Sharp sandstone spur, 160 ft. above the $\frac{1}{4}$ sec. cor., slopes N. 70° E.; descend abruptly.

71.80 Rocky gulch, 80 ft. below spur, drains NE.; ascend over ledges.

80.04 The true point for the cor. of secs. 22, 23, 26, and 27, 140 ft. above gulch.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; $\frac{1}{4}$ th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, scattered short sage and black brush, mountain rush, shadscale, weeds, and grass.

Fair grazing land.

&

From the true point for the cor. of secs. 22, 23, 26, and 27.

N. 0°01' W., on random line, bet. secs. 22 and 23.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

40.00 Set temp. 1/4 sec. cor.
80.22 Intersect the original cor. of secs. 14, 15, 22, and 23 hereinafter described.

Thence:

From the true point for the cor. of secs. 22, 23, 26, and 27.

N. 0°01' W., on true line, bet. secs. 22 and 23.

Ascend S. slope of sandstone ledges and surfacerock, through scattered timber and undergrowth.

1.36 The witness cor. to the cor. of secs. 22, 23, 26, and 27 at top of N. rim of gulch and at base of abrupt ascent over sandstone, bears E. and W.

7.50 Top of ascent, 80 ft. above true point for cor., bears E. and W.; descend abrupt ledgy N. slope.

13.70 Draw, 140 ft. below top of ascent, drains NE.; ascend gradually.

24.20 Top of sandstone rim, 100 ft. high, faces SE. and bears NE. and SW.; thence over rolling land.

39.50 Top of S. rim of gulch, bears NE. and S.W.; descend abrupt ledgy NW. slope.

40.11 True point for the 1/4 sec. cor. falls on broken face of ledges, where it is impracticable to set a cor.

42.15 In broken S. breaks of gulch, 120 ft. below top of S. rim Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground to solid rock and in a large mound of stone to top for witness cor. to the 1/4 sec. cor., with brass cap marked

1/4
S22 | S23
WC
1933

from which

A juniper, 3 ins. diam., bears S. 74° E., 11 lks. dist., marked WC BT.

A pinon, 3 ins. diam., bears N. 86° W., 45 lks. dist., marked WC BT.

43.90 Rocky gulch, 20 ft. below cor., drains NE.; ascend over ledges.

47.40 Top of N. rim of gulch, 120 ft. above bottom, bears E. and W.; descend gradually over rolling land.

67.80 Draw, 120 ft. below rim, drains SE.

80.22 At the NW. point of bench, 120 ft. above draw:

The original cor. of secs. 14, 15, 22, and 23, a sandstone 18 x 8 x 8 ins., firmly set in small mound of stone, marked 3 notches on S. edge and 2 notches on E. edge.

At the cor. point:

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, with the original cor. monument deposited at the base of the post, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

T20S	R13E
S15	S14
S22	S23

1942

from which

A juniper, 8 ins. diam., bears S. 68°15' W., 20 lks. dist., marked BT.

A juniper, 4 ins. diam., bears N. 69°15' W., 81 lks. dist., marked BT.

Trees too scrubby for other marks and no other bearing trees available.

Land, broken sandstone rims and ledges.
Soil, shallow loose sand with a rocky surface; 4th rate.
Timber, scattered scrub juniper and pinon.
Undergrowth, sage and black brush, mountain rush, shadscale, weeds, and grass.
Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Reestablishment of surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1880.

From the cor. of secs. 13, 14, 23, and 24.

West, bet. secs. 14 and 23.

Over rolling bench land, through very scattered timber and short undergrowth.

15.30 Top of W. rim of bench, 30 ft. high, bears N. and S.; descend gradually over broken W. slope.

28.40 The E. bank of Cottonwood Wash, 60 ft. below bench, bears N. 20° W. and S. 20° E.; thence across channel which drains S. 20° E.

31.30 The W. bank of Cottonwood Wash, bears N. 20° W. and S. 20° E.; ascend gradual E. slope.

36.30 Old railroad grade, bears N. 20° W. and S. 20° E.

40.05 Proportionate distance; find no trace of the original 1/4 sec. cor.

On gradual E. slope, 60 ft. above Cottonwood Wash.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor., with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T20S., R.13E.

Chains

$$\frac{1}{4} \frac{S14}{S23}$$

1942

from which

A juniper, 10 ins. diam., bears S. 26° E., 61 lks. dist., marked ET.

A juniper, 10 ins. diam., bears N. 41°15' W., 111 lks. dist., marked ET.

Trees too scrubby for other marks.

70.20 Boxed gulch, 50 ft. deep, drains S. 70° E.; continue as

80.10 The cor. of secs. 14, 15, 22, and 23, 170 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling, with a general westerly and northeasterly exposure and drainage into Cottonwood Wash.

Soil, shallow loose sand with a rocky surface; 4th rate.

Timber, a few scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

N. 0°02' W., bet. secs. 14 and 15.

Descend gradually over broken land, through scattered scrub timber and short undergrowth.

2.30 Draw, 30 ft. below cor., drains N. 80° E.; ascend gradually.

16.60 Rocky gulch, 100 ft. below cor., drains N. 80° E.; ascend gradually.

21.40 Low spur, 40 ft. above gulch, projects N. 80° E.

21.50 Overhanging ledge, faces N., 100 ft. high, bears N. 80° and S. 80° W.; descend abruptly.

26.30 Bottom of Cottonwood Wash, 140 ft. below rim, drains E.; ascend abrupt N. breaks of canyon.

31.30 Top of N. breaks of Cottonwood Wash, 140 ft. above bottom bears E. and W.; thence over broken sandstone outcroppings

40.09 Proportionate distance; find no trace of the original $\frac{1}{4}$ sec. cor.

On top of S. edge of sandstone butte, mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S15}{S14}$$

1942

DEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

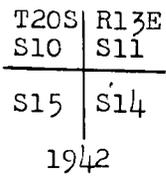
Chains

- 40.50 Top of sandstone butte, 75 lks. diam., and 20 ft. high; continue over broken sandstone outcroppings.
- 44.00 Rocky gulch, 60 ft. deep, drains N. 80° E.
- 75.00 Rocky draw, drains SE.

80.18 The original cor. of secs. 10, 11, 14, and 15, a sandstone, 18 x 12 x 6 ins., loosely set in a mound of stone, marked 4 notches on S. edge and 2 notches on E. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument deposited at the base of the post, for cor. of secs. 10, 11, 14, and 15, with brass cap marked



raise a

mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, broken sandstone breaks and outcroppings, with a general easterly exposure and drainage.
 Soil, shallow loose sand and clay, with a rocky surface; 4th rate.
 Timber, a few scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
 Fair grazing land.

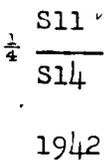
From the cor. of secs. 11, 12, 13, and 14.

West, bet. secs. 11 and 14.

Over broken bench land, through scattered short undergrowth.

- 4.10 Top of sandstone rim, 70 ft. high, faces W. and bears N. and S.; thence over sandy bench land.
- 15.30 Sandstone draw, 50 ft. deep, drains S. 30° E.
- 38.50 Top of W. rim of bench, 40 ft. high, bears N. 20° W. and S. 20° E.; descend gradual W. slope through scattered scrub timber.
- 40.11 Proportionate distance; find no trace of the original $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



raise a

mound of stone, 3 ft. base, 2 ft. high, N. of cor.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Chains

- 59.90 Old railroad grade, bears N. 30° W. and S. 30° E.
- 63.40 Dim road, bears N. 30° W. and S. 30° E.
- 69.72 Draw, 50 ft. deep, drains S.
- 80.22 The cor. of secs. 10, 11, 14, and 15.

Land, rolling, with sandstone rims and outcroppings.
 Soil, shallow sand and clay; 4th rate.
 Timber, a few scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, shadscale, mountain
 rush, weeds, and grass.
 Fair grazing land.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Independent resurvey superseding survey
 executed by A.D. Ferron; U.S. Deputy
 Surveyor; in 1880.

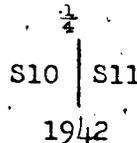
From the cor. of secs. 10, 11, 14, and 15.

N. 0°01' W., bet. secs. 10 and 11.

Over rolling bench land, through scattered short undergr

- 7.50 Shallow draw, drains E.
- 17.40 Dim road, bears NW. and SE.
- 23.80 Shallow draw, drains SE.
- 24.60 Old railroad grade, bears NW. and SE.
- 27.50 Enter very scattered scrub timber, bears NW. and SE.
- 40.00 On sandstone surfacerock at the S. base of high broken
 sandstone rim, bears E. and NW., mark a cross (X), over
 which:

Set an iron post, 3 ft. long, 1 in. diam., in a large
 mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap
 marked



from which

A juniper, 6 ins. diam., bears S. 84° E., 102 lks.
 dist., marked $\frac{1}{4}$ S BT.

A juniper, 8 ins. diam., bears S. 27°45' W., 93 lks.
 dist., marked BT.

Trees too scrubby for other marks.

- 44.20 No trace of the original $\frac{1}{4}$ sec. cor. could be found.
 witness
- 45.90 Top of sandstone rim, 300 ft. above the $\frac{1}{4}$ sec. cor., bear
 E. and NW.; continue ascent.
- 46.90 Top of ascent, 30 ft. above rim, bears E. and W.; descend
 gradually.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Chains

- 54.50 Shallow draw, drains E.
 61.70 From this point, the top of sandstone rim bearing N. 20° W., and S. 20° E., bears West, 1.50 chs. dist.
 80.00 On gradual E. slope. 120 ft. below top of ascent, 20 lks. to the E. of high sandstone rim.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T20S	R13E
S3	S2
S10	S11

1942

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

No trace of the original sec. cor. found.

Land, rolling bench land broken in places by a high sandstone rim.

Soil, shallow loose sand and clay; 4th rate.

Timber, a few scattered scrub juniper and pinon on portions of mile.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

From the cor. of secs. 2, 3, 10, and 11.

East, on random line, bet. secs. 2 and 11.

40.49 Set temp. witness cor. to the sec. cor.

80.24 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 1, 2, 11, and 12.

Thence:

S. 89°56' W., on true line, bet. secs. 2 and 11.

Ascend gradually over broken sandstone outcroppings, through scattered scrub timber and short undergrowth.

34.30 Enter level plateau, 140 ft. above cor., bears N. and S.

39.75 At W. edge of plateau, bears N. and S.; mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

WC	$\frac{1}{4}$	S2
		S11

1942

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

- No suitable bearing trees available.
- 40.12 True point for the $\frac{1}{4}$ sec. cor., falls on sloping sandstone ledge, where it is impracticable to set a cor.
- 41.30 Top of high sandstone rim, faces SW., bears S. 20° E. and N., 2.00 chs. dist., thence W. to point; descend abruptly.
- 49.80 Rocky spur from rim, projects SW.
- 53.00 Rocky spur from rim, projects SW.
- 56.50 Land becomes more level, bears N. and S.
- 80.24 The cor. of secs. 2, 3, 10, and 11, 180 ft. below top of rim.
- Land, broken by sandstone rims and outcroppings. Soil, shallow loose clay and sand, with a rocky surface; 4th rate.
Timber, scattered scrub juniper and pinon on portions of mile.
Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
Fair grazing land.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Independent resurvey superseding survey
executed by A.D. Ferron, U.S. Deputy
Surveyor, in 1880.

- From the cor. of secs. 2, 3, 10, and 11.
- N. 0°01' W., on random line, bet. secs. 2 and 3.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 81.44 Intersect the N. bdy. of the township, 35 lks. W. of the cor. of secs. 2, 3, 34, and 35.
- Thence:
- S. 0°14' W., on true line, bet. secs. 2 and 3.
- Over rolling bench land, through very scattered scrub timber and short undergrowth.
- 5.60 Small draw, drains N. 70° E.
- 41.44 On rolling bench land, 60 ft. above sec. cor.
- Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
S3 | S2
1942
- deposit a sandstone, 10 x 9 x 9 ins., at base of post, marked X. Find no trace of the original $\frac{1}{4}$ sec. cor.
- 73.40 Leave timber, bears E. and W.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T.20S., R.13E.

Chains

81.44' The cor. of secs. 2, 3, 10, and 11, 60 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling.
Soil, shallow loose sand and clay; 4th rate.
Timber, very scattered scrub juniper and pinon.
Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
Fair grazing land.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

The southwest portion of T. 20 S., R. 13 E., consists of broken nearly inaccessible sandstone ledges and breaks of the San Rafael River, and is almost unsurveyable. As this portion of the township contains no improvements or settlers, and is of very little value as a grazing range, it was not surveyed.

From the cor. of secs. 10, 11, 14, and 15.

West, on true line, bet. secs. 10 and 15.

Descend gradual SW. slope of broken bench land, through scattered timber and undergrowth.

3.30 Draw, 90 ft. below cor., drains SE.; ascend gradual NE. slope over point of spur.

12.50 Junction of draws from the W. and NW, drains SE.; thence along bottom of draw.

18.00 Leave bottom of draw, drains E. from the NW.; ascend gradual NE. slope.

40.00 On SW. rim of spur, 200 ft. above sec. cor., slopes SE. and bears NW.; mark a cross (X) on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S10}{S15}$$

1942

from which

A juniper, .3 ins. diam., bears N. 57° W., 75 lks. dist., marked BT.

No other bearing tree available.

41.90 Enter wash in draw, drains SE. from the NW.

50.50 Leave wash in draw, drains SE. from the NW.; ascend NE. slope.

80.00 On broken NE. slope, 280 ft. above wash in draw.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

T20S	R13E
S9	S10
S16	S15

1942

from which

A juniper, 3 ins. diam., bears S. $4^{\circ}30'$ W., 86 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken and rolling, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

N. $0^{\circ}02'$ W., bet. secs. 9 and 10.

Descend gradual NE. slope of rolling land, through scattered scrub timber and undergrowth.

19.50 Draw, 70 ft. below cor., drains SE.; continue gradual descent.

40.00 On rolling land, 60 ft. below draw; mark a cross (X), on the surfacerock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$
S9	S10

1942

from which

A juniper, 3 ins. diam., bears N. $35^{\circ}45'$ E., 86 lks. dist., marked BT.

A juniper, 3 ins. diam., bears S. $15^{\circ}15'$ W., 13 lks. dist., marked BT.

60.50 Spur, 30 ft. below the $\frac{1}{4}$ sec. cor., projects SE.; descend

70.00 Draw, 70 ft. below spur, drains SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in ground to solid rock and in a large mound of stone to top for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T20S	R13E
S4	S3
S9	S10

1942

from which

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

A juniper, 6 ins. diam., bears S. 37°15' E., 143 lks. dist., marked BT.

Tree too scrubby for other marks and no other suitable bearing trees available.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

East, on random line, bet. secs. 3 and 10.

40.00 Set temp. 4 sec. cor.

79.96 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence:

N. 89°58' W., on true line, bet. secs. 3 and 10.

Over broken bench land, through scattered timber and short undergrowth.

0.20 Top of high sandstone rim, faces W. and bears N. 20° W. and S. 10° E.; descend abruptly.

5.00 Base of rim, 120 ft. below top, bears N. 20° W. and S. 20° E.

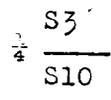
17.40 The E. rim of rocky spur, projects SW.; thence over rolling land.

39.20 Dim old road, bears N. and S.

39.60 Old railroad grade, bears N. and S.

39.98 On rolling land, 170 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 4 sec. cor., with brass cap marked



raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.20 Draw, 40 ft. deep, drains SE.

50.00 Low spur, projects SE.

72.20 Shallow draw, drains SE. from the W.; thence along bottom of draw.

77.40 Leave draw, drains E. from the SW.

79.96 The cor. of secs. 3, 4, 9, and 10.

Land, rolling sand and clay hills.

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains	<p>Soil, shallow sand and clay, with a rocky surface; 4th rate. Timber, scattered scrub juniper and pinon. Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass. Fair grazing land.</p>				
	<p>N. 0°13' E.; on random line, bet. secs. 3 and 4.</p>				
40.00	Set temp. sec; cor.				
81.30	Intersect the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township.				
	Thence:				
	S. 0°13' W.; on true line, bet. secs. 3 and 4.				
	Over rolling bench land, through scattered scrub timber and short undergrowth.				
3.50	Shallow draw, drains SE.				
12.90	Old railroad grade, bears N. 30° W. and SE.				
24.60	Low spur, projects SE.				
35.60	Shallow draw, drains SE.				
40.20	Dir. road, bears NW. and SE.				
41.30	On rolling land; 50 ft. below sec. cor.				
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked				
	<table border="0"> <tr> <td style="padding-right: 10px;">S4</td> <td style="border-left: 1px solid black; padding-left: 10px;">S3</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; text-align: center;">1942</td> </tr> </table>	S4	S3		1942
S4	S3				
	1942				
	<p style="text-align: right;">raise a</p> mound of stone, 3 ft. base, 2 ft. high, W. of cor.				
43.30	Low spur, projects SE.				
48.60	Shallow draw, drains SE.				
64.00	Low spur, projects SE.				
81.30	The cor. of secs. 3, 4, 9, and 10.				
	<p>Land, rolling, with a general southeasterly exposure and drainage. Soil, shallow loose sand and clay, with a rocky surface; 4th rate. Timber, scattered scrub juniper and pinon. Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass. Fair grazing land.</p>				

SURVEY PORTION SUBDIVISION, T. 20 S., R. 13 E.

Chains

From the cor. of secs. 3, 4, 9, and 10.

West, on true line, bet. secs. 4 and 9.

Over rolling bench land, through scattered scrub timber and short undergrowth.

1.90 Shallow draw, drains SE.; ascend gradual NE. slope.

32.50 Junction of draws, drains NE. from the S. and NW.

40.00 On gradual NE. slope of surfacerock, 130 ft. above sec. cor., mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S4
—
$\frac{1}{4}$
S9
1942

from which

A juniper, 6 ins. diam., bears S. 1° W., 40 lks. dist., marked BT.

Tree too scrubby for other marks and no other bearing trees available.

50.20 Low spur, projects N. 80° E.

62.60 Rocky draw, drains NE.

80.00 On rolling NE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T20S	R13E
S5	S4
S8	S9
1942	

from which

A juniper, 12 ins. diam., bears N. 11° E., 72 lks. dist., marked BT.

A juniper, 5 ins. diam., bears S. 61° W., 126 lks. dist., marked BT.

A juniper, 5 ins. diam., bears N. 52°30' W., 6° lks. dist., marked BT.

Trees too scrubby for other marks and no other bearing tree available.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow clay and rock; with a rocky surface; 4th rate.

SURVEY PORTION SUBDIVISION T. 20 S., R. 13 E.

Chains

PAGE 20

Timber, scattered scrub juniper and pinon.
Undergrowth, sage and black brush, shadscale, mountain
rush, weeds, and grass.
Fair grazing land.

N. 0°12' E., on random line, bet. secs. 4 and 5.

40.00 Set temp. 4 sec. cor.

41.23 Intersect the cor. of secs. 4, 5, 32, and 33, on the N.
bdy. of the township.

Thence:

S. 0°12' W., on true line, bet. secs. 4 and 5.

Ascend gradually over general NE. slope of broken land,
through scattered scrub timber and short undergrowth.

47.00 Shallow draw, drains S. 70° E.

30.60 Shallow draw, drains S. 70° E.

40.90 Rim road, bears E. and W.

41.23 On low spur, projects N. 90° E.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground to solid rock and in a large mound of stone, for
4 sec. cor., with brass cap marked

S5 | S4

1942

from which

A juniper, 3 ins. diam., bears N. 23° E., 43 lks.
dist., marked BT.

A juniper, 6 ins. diam., bears S. 20° W., 158 lks.
dist., marked BT. Tree too scrubby for other marks.

46.42 From this point, a cabin belonging to Wayne Smith, bears
N. 85°28' W., 22.80 chs. dist. Cabin is a one room frame
building on a concrete floor, size 12 x 10 ft., with a
screened porch on the east side, size 12 x 8 ft. Cabin is
used as a camp house by Mr. Smith while grazing his stock
in this vicinity.

50.40 Small draw, drains S. 60° E.

78.90 Small draw, drains NE.

41.23 The cor. of secs. 4, 5, 8, and 9,

Land, rolling.

Soil, shallow sand and clay, with a rocky surface; 4th
rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain
rush, weeds, and grass.

Fair grazing land.

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GENERAL DESCRIPTION OF T. 20 S., R. 13 E.

The portion of T. 20 S., R. 13 E., Salt Lake Meridian, Utah, that is not surveyed, consists of high inaccessible sandstone buttes and ledges which form the east breaks of the San Rafael River and the San Rafael Swell, and has but very little commercial value as it contains but very little vegetation and in most places is inaccessible to stock.

The surveyed portion of the township consists of broken bench land cut by numerous deep boxed gulches and vertical sandstone rims. It has a general southeasterly and north-easterly exposure and drainage into Cottonwood Wash, which drains southeasterly through the township.

The soil is a shallow clay and sand loam with a very rocky surface, underlaid with sandstone and is not very productive.

The timber consists of a scattered growth of scrub juniper and pinon, with a few scattered cottonwood along the bottom lands of Cottonwood Wash. The timber has no commercial value and is found mostly in the northwest portion of the surveyed area of the township.

The undergrowth is scattered short sage, rabbit, and black brush, shadscale, mountain rush, weeds, and grass, and is found more dense along the bottom lands of Cottonwood Wash.

A dim unimproved wagon road and an old railroad grade bear in a northwesterly and southeasterly direction through the surveyed area of the township.

A one room frame cabin is located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 5. This cabin belongs to Wayne Smith who lives at a well developed ranch located in sec. 5, T. 21 S., R. 14 E. The cabin is used as a camping place by Mr. Smith while grazing his stock in this vicinity.

The only water in the surveyed area are small seeps found along the bottom of Cottonwood Wash and in the bottoms of a few of the deep rocky gulches.

No portions of the township are suitable for farming purposes and it is suitable only as a grazing range for stock, and at the time of this survey, it was being used for this purpose.

From a point near the southeast corner of the township, a good automobile road bears in an easterly direction about 7 miles distant to its intersection with U.S. Highway No. 50, at a point about 8 miles northwesterly from the town of Green River, Utah.

No indications of coal, oil, oil shale, or mineral were found.

The mean magnetic declination was found to be 15°45' E.

CERTIFICATE OF SURVEYOR

I, Chas. F. Moore, U.S. Surveyor, HEREBY CERTIFY upon honor that
pursuance of special instructions bearing date of the 23rd day of May 1933
received from the district cadastral engineer for Utah, with assignm
instructions dated November 24, 1933 I have surveyed a portion of the Fourth
Standard Parallel South, through R. 13 E., and a portion of the
subdivision, of T. 20 S., R. 13 E.
of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed by me and under my direction; and that
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Sur
of the Public Lands of the United States, and in the specific manner described in the foregoing field note
March 13, 1935
Salt Lake City, Utah.

Charles F. Moore
U.S. Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
Denver, Colorado, 1935

The foregoing field notes of the survey of a portion of the Fourth Standard Para
South through R. 13 E., and a portion of the subdivision of,
T. 20 S., R. 13 E.

executed by Chas. F. Moore, U.S. Surveyor
under special instructions dated May 23, 1932, and assignm
instructions dated November 24, 1933, having been critically examined,
the necessary corrections made prior to their certification by the engineer, the said field notes, and the sur
therein described, are hereby approved.

Supervisor of Survey

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes on file in the public survey office

Supervisor of Survey

CERTIFICATE OF SURVEYOR

Elliot Bird, Associate Cadastral Engineer
Andrew Nelson, Assistant Cadastral Engineer
I, We, Robert C. Yundt, " " " HEREBY CERTIFY upon honor

pursuance of special instructions bearing date of the 23rd day of May 1932

received from the district cadastral engineer for Utah supplemental

instructions dated May 15, 1942 We I have surveyed made an independent resur

and survey of a portion of the north boundary, and a dependent and

independent resurvey and survey of a portion of the subdivision, of

T. 20 S., R. 13 E.

of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by us and under my direction, and the

survey has been made in strict conformity with said instructions, the Manual of Instructions for the S

of the Public Lands of the United States, and in the specific manner described in the foregoing field no

January 6, 1942

Salt Lake City, Utah.

Elliot Bird
Associate Cadastral Engineer
Andrew Nelson
Assistant Cadastral Engineer
Robert C. Yundt
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Chief Cadastral Engineer,
OFFICE OF SUPERVISION OF SURVEYS,

Denver, Colorado. MAY 21 1947

The foregoing field notes of the survey of the independent resurvey and survey

portion of the north boundary, and the dependent and independent

resurvey and survey of a portion of the subdivision, survey of a p

Fourth Standard Parallel South through R. 13 E., all in T.20S., R.

executed by Elliot Bird, Associate Cadastral Engineer
Andrew Nelson, Assistant Cadastral Engineer
Robert C. Yundt, Assistant Cadastral Engineer
under special instructions dated Charles F. Moore, U.S. Surveyor

instructions dated May 23, 1932, and assigned

instructions dated Nov. 24, 1933, and May 15, 1942, having been critically examined
the necessary corrections made prior to their certification by the engineer, the said field notes, and the s
therein described, are hereby approved.

Charles F. Moore
Acting Chief Cadastral Engineer

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in

is a true copy of the original field notes on file in the public survey office

Supervisor of Surveys

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Page

4-579
(April 1938)

C

FIELD NOTES

OF THE



~~ACCIDENT AND INDEPENDENT RESURVEY OF THE FOURTH STANDARD PARALLEL SOUTH~~
~~THROUGH R. 4 E.; AND SURVEY OF THE EAST BOUNDARY AND SUBDIVISION OF~~
 T. 20 S., R. 4 E.

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Elliot Bird, Cadastral Engineer

Alvyn C. Alberga, Public Land Surveyor

Under special instructions dated May 24, 1939, which provided

for the surveys included under Group No. 303, bearing the approval of the

Commissioner of the General Land Office under date of July 14, 1939

and assignment instructions dated July 14, 1939.

Survey commenced July 18, 1939.

Survey completed September 16, 1939.

INDEX DIAGRAM.

Township 20 South, *Range* 4 East

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T. 20 S., R. 4 E.

The survey of T. 20 S., R. 4 E., Salt Lake Meridian, Utah, was commenced July 18, 1939, and executed by Elliot Bird, Cadastral Engineer, using Buff and Buff transit No. 18003, and Alvyn C. Alberga, Public Land Surveyor, using Buff and Buff transit No. 16725. The instruments are the property of the General Land Office, and are equipped with Smith solar attachments and full vertical circles. The horizontal limbs of each transit are provided with two double verniers placed opposite to each other, and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. The instruments were approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in assignment instructions dated July 14, 1939.

The solar attachments were not used on this survey, and all controlling meridians were established by hour angle observations made upon Polaris, some of which are shown in this record. The bearings of the lines were deflected from these true meridians by the repetition of angles, and carried forward by transit lines, taking the mean of direct and reversed sights.

The measurements are made with Lallie steel tapes, 5 chains in length, which were graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a Balfour standard steel tape, 1 chain in length and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by clinometers in good adjustment, and the slope measurements properly reduced to true horizontal distances, which are entered in the field note record.

ERRATA RE-SURVEY 4TH SECT. PAR. 3., S. 1/4. T. 20 S., R. 4 E.

Reestablishment of surveys executed by
Page and Lentz, U.S. Deputy Surveyors,
in 1903.

July 19, 1939; stationed at the standard cor. of T. 20 S., Rs. 4 and 5 E., hereinafter described, in approximate latitude $39^{\circ}01' N.$, longitude $111^{\circ}25' W.$, at 11h 1.6m a.m. correct 105th meridian standard time, we make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a point on a ledge about 6 miles north, in a westerly direction to the star.

Local mean time of observation.....10h 36.3m a.m.
Mean horizontal deflection angle
from point on ledge to star..... $1^{\circ}14'30'' W.$
Azimuth of Polaris..... $1^{\circ}14'30'' W.$
True bearing to point on ledge.....North

The standard cor. of T. 20 S., Rs. 4 and 5 E., is a conglomerate limestone, 12 x 9 x 5 ins. above ground, marked 6 notches on all four corners, witnessed by two bearing trees upon which I find dim scribe marks. As this corner becomes an angle point, I mark the cor. monument AP on the N. face, and efface the marks on the bearing trees.

Thence, from the above cor., I deflect an angle of $91^{\circ}02'$ to the W. of the true meridian and run:

S. $89^{\circ}59'$ W., along the S. bdy. of sec. 31, T. 20 S., R. 5 E.

DEPENDENT RESURVEY 4TH. STAN. PARL S., S BDY. T. 20 S., R. 4 E.

Chains

Ascend gradual NE. slope of high mountainous land, through dense timber and scattered undergrowth.

6.40 The standard cor. of T. 20 S., Rs. 4 and 5 E.; subsequently set at this point. Thence along the S. bdy. of sec. 36, T. 20 S., R. 4 E.

37.00 Top of ascent, 220 ft. above angle point, bears S. and slopes N.; thence along rolling land draining northeast

46.41 Point which is a westing of 40.00 chs. from the point of the standard cor. of T. 20 S., Rs. 4 and 5 E.

On rolling NE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SC
 $\frac{1}{4}$ S36

1939

from which

A balsam, 6 ins. diam., bears N. 43° E., 23 lks. dist., marked SC $\frac{1}{4}$ S36 BT.

A balsam, 9 ins. diam., bears N. 27° W., 22 lks. dist., marked SC $\frac{1}{4}$ S36 BT.

From the above cor., a shallow pond of water, bears N. 37° W., 170 lks. dist.

48.81 The original standard $\frac{1}{4}$ sec. cor. sec. 36, a limestone 14 x 12 x 10 ins. above ground, firmly set, marked SC $\frac{1}{4}$ on N. face. Cor. is witnessed by a mound of stone to the N. of the monument.

I change this cor. to an angle point by marking the cor. monument AP on its N. face.

Thence:

S. 89°45' W., with continuous measurement.

53.37 The closing cor. of secs. 1 and 2, T. 21 S., R. 4 E., a limestone, 28 x 18 x 10 ins., firmly set, marked 5 notches on W. edge and 1 notch on E. edge. Cor. is witnessed by one bearing tree as follows.

A Douglas fir, 24 ins. diam., bears S. 24° W., 57 lks. dist., upon which I find dim over grown scribe marks.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for closing cor. secs. 1 and 2, T. 21 S. R. 4 E., with brass cap marked

T20S R4E
S36

S2 | S1
T21S | R4E
C C

1939

from which

STAN. PAR. S. 20 S. R. 4 E.

A Douglas fir, 14 ins. diam., bears S. 8° E., 110 lks. dist., marked T21S R4E S1 CC BT.

A Douglas fir, 24 ins. diam., bears S. 45° 30' W., 60 lks. dist., marked T21S R4E S2 CC BT.

Cor. set at base of steep ascent over NE. slope of ridge. Ridge, 160 ft. above cor., bears N. 70° W. and S. 70° E.

on rolling SE. slope; point which is a westing of 80.00 chs. from the standard cor. of T. 20 S., Rs. 4 and 5 E.

Set an iron post; 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the standard cor. of secs. 35 and 36, T. 20 S., R. 4 E., with brass cap marked

	S. C
T20S	R4E
S35	S36

1939

from which

An aspen, 9 ins. diam., bears N. 9° 30' E., 104 lks. dist., marked T20S R4E S35 SC BT.

A limber pine, 20 ins. diam., bears N. 49° W., 102 lks. dist., marked T20S R4E S35 SC BT.

Thence along the S. bdy. of sec. 35.

87.20 Top of ascent on gradual SE. slope, bears NE. and SW.; descend gradual SW. slope.

87.85 The original standard cor. of secs. 35 and 36, T. 20 S., R. 4 E., a limestone, 12 x 12 x 10 ins. above ground, firmly set, marked 5 notches on W. edge and 1 notch on E. edge, and SC on N. face. Cor. is witnessed by two bearing trees as follows.

A Douglas fir, 16 ins. diam., bears N. 46° E., 47 lks. dist., marked T20S R4E S36 BT.

A Douglas fir, 20 ins. diam., bears N. 54° W., 123 lks. dist., marked T20S R4E S35 BT.

I change this cor. to an angle point by effacing the marks on the bearing trees and marking the cor. monument AP on its N. face.

Land, rolling and mountainous, with a general southeasterly and southwesterly exposure and drainage.

Soil, shallow dark loam and gravel, with a rocky surface; 3rd rate.

Undergrowth, sage, buck, and service berry brush, weeds, and grass.

Timber, aspen, spruce, fir, limber pine, and a few yellow pine.

Excellent grazing land.

Chains

N. $89^{\circ}58'$ W., along the S. bdy. of sec. 35.

Along rolling S.W. slope of high mountainous land, thro dense timber and scattered undergrowth.

13.40 Small draw, 50 lks. wide, 10 ft. deep, drains S. 20° W. thence along rolling E. slope.

34.50 Low spur, projects S. 10° W.; descend gradual W. slope

36.50 Stock drift fence constructed of large logs, bears N. 35° E. and S. 35° W.

38.56 Point which is a westing of 40.00 chs. from the standa cor. of secs. 35 and 36.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in ground, for standard $\frac{1}{4}$ sec. cor. sec. 35, with brass c marked

SC
 $\frac{1}{4}$ S35

1939

from which

An aspen, 8 ins. diam., bears N. 12° E., 139 lks. dist., marked $\frac{1}{4}$ S35 SC ET.

An aspen, 6 ins. diam., bears N. 8° W., 104 lks. dist., marked $\frac{1}{4}$ S35 SC ET.

40.02 The original standard $\frac{1}{4}$ sec. cor. sec. 35, a sandstone, 15 x 10 x 8 ins. above ground, firmly set, marked SC and $\frac{1}{4}$ on N. face. Cor. is witnessed by two bearing trees as follows.

An aspen, 6 ins. diam., bears N. $53^{\circ}30'$ E., 45 lks. dist., marked $\frac{1}{4}$ S35 ET.

An aspen, 4 ins. diam., bears N. $88^{\circ}30'$ W., 110 lks. dist., marked $\frac{1}{4}$ S35 ET.

I change this cor. to an angle point, by effacing the marks on the bearing trees and marking the cor. monument AP on its N. face.

Note: As the standard $\frac{1}{4}$ sec. cor. sec. 31, T. 20 S., R. 4 E., is the only standard cor. that could be found the west of this cor., I discontinue the dependent resurvey at this point.

Land, rolling and mountainous, with a general southwest and westerly exposure and drainage.

Soil, shallow dark loam and gravel; 3rd rate.

Undergrowth, sage, service berry, and buck brush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

INDEPENDENT RESURVEY 4TH STAN. PAR. S., S. BDY. T. 20 S., R. 4 E.

Chains

Independent resurvey superseding surveys executed by Page and Lentz, U.S. Deputy Surveyors, in 1903.

From the angle point on the S. bdy. of sec. 35, heretofore described.

West, along the S. bdy. of T. 20 S., R. 4 E., and at:

320.46 Fall 75 lks. S. of the original standard 1/4 sec. cor. sec. 31, T. 20 S., R. 4 E., which was changed to an angle point as described in the official record of the survey of T. 20 S., R. 3 E.

The bearing of the line from the angle point on the S. bdy. of sec. 35, to the angle point on the S. bdy. of sec. 31, therefore is, N. 89°52' W., and the distance is 320.46 chs. Unable to locate any of the standard cors. of the original survey between these two angle points.

Thence:

From the angle point on the S. bdy. of sec. 35.

N. 89°52' W., on true line, along the S. bdy. sec. 35.

Over rolling mountainous land, through dense timber and scattered undergrowth.

4.60 The closing cor. of secs. 2 and 3, T. 21 S., R. 4 E., a limestone, 24 x 12 x 6 ins., marked 4 notches on W. edge and 2 notches on E. edge, and CC on S. face. Cor. is witnessed by bearing trees as follows.

An aspen, 8 ins. diam., bears S. 38°30' E., 18 lks. dist., marked T21S R4E S2 BT.

An aspen, 10 ins. diam., bears S. 41°45' W., 22 lks. dist., marked T21S R4E S3 BT.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for closing cor. secs. 2 and 3, T. 21 S., R. 4 E., with brass cap marked

T20S R4E
S35

S3 | S2
T21S | R4E
C C

1939

I mark additional bearing trees to cor. as follows.

An aspen, 6 ins. diam., bears S. 47° E., 67 lks. dist., marked T21S R4E S2 CC BT.

An aspen, 6 ins. diam., bears S. 37°45' W., 51 lks. dist., marked T21S R4E S3 CC BT.

5.60 Begin gradual ascent over rolling NE. slope.

19.30 Top of ascent, 80 ft. high, bears NE. and SW.; descend gradual NW. slope.

INDEPENDENT RESURVEY 4TH STAN. PAR. S., S. BDY. T. 20 S., R. 4 E

Chains

- 23.90 Draw, 60 ft. below top of ascent, drains N.; thence along rolling N. slope.
- 33.30 Small spring branch, 3 lks. wide, 2 ins. deep, flows N. 10° E.
- 33.54 Point which is a westing of 40.00 chs. from the standard $\frac{1}{4}$ sec. cor. sec. 35.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for standard cor. secs. 34 and 35, T. 20 S., R. 4 E., with brass cap marked

S C	
T20S	R4E
S34	S35

1939

from which

An aspen, 12 ins. diam., bears N. 54° E., 138 lks. dist., marked T20S R4E S35 SC BT.

An aspen, 4 ins. diam., bears N. $89^{\circ}30'$ W., 100 lks. dist., marked T20S R4E S34 SC BT.

Land, rolling and mountainous, with a general southerly and northerly exposure and drainage.

Soil, shallow dark mountain loam and gravel; 3rd rate.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, Douglas fir, balsam, and spruce.

Excellent grazing land.

N. $89^{\circ}52'$ W., along the S. bdy. sec. 34.

Along rolling N. slope of high mountainous land, through dense timber and scattered undergrowth.

- 7.40 Bottom of swale, drains N.; continue along rolling N. slope.
- 26.30 Small seep of good water, flows N.
- 31.40 Low rise on N. slope, bears N. and S.; continue along rolling N. slope.
- 36.90 Begin gradual ascent over NE. slope of spur
- 40.00 On gradual NE. slope of spur, 50 ft. above base of ascent.
- Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for standard $\frac{1}{4}$ sec. cor.; with brass cap marked

SC	
$\frac{1}{4}$ S34	

1939

from which

A balsam, 6 ins. diam., bears N. 23° 30' E., 331 lks. dist., marked $\frac{1}{2}$ S34 SC BT.

A blue spruce, 8 ins. diam., bears N. 45° W., 157 lks. dist., marked $\frac{1}{2}$ S34 SC BT.

43.60 Small spur, 60 ft. above the standard $\frac{1}{2}$ sec. cor., projects N. 70° W., 4.00 chs. to end; descend gradual S. and W. slopes.

47.50 Base of descent from spur, 30 ft. below top, bears NW. and SE.; thence along rolling N. slope.

61.60 Slope changes from a rolling N. slope to a rolling NW. slope.

69.60 Stream of good water, 3 lks. wide, 2 ins. deep, flows N. 30° W.

80.00 On general NW. slope of rolling mountainous land.

Set an iron post, 3 ft. long, 2 ins. diam., 13 ins. in the ground to solid rock and in a large mound of stone to top, for standard cor. secs. 33 and 34, with brass cap marked

	S	C
T20S	R4E	
S33	S34.	

1939

from which

An aspen, 6 ins. diam., bears N. 46° 30' E., 39 lks. dist., marked T20S R4E S34 SC BT.

A blue spruce, 10 ins. diam., bears N. 43° W., 27 lks. dist., marked T20S R4E S33 SC BT.

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow dark mountain loam and gravel; 3rd rate.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, Douglas fir, balsam, and spruce.

Excellent grazing land.

N. 89° 52' W., along the S. bdy. sec. 33.

Along general N. slope of rolling mountainous land, through dense timber and scattered undergrowth.

8.80 Small draw, drains N. 10° E.

28.70 Stream of good water, 3 lks. wide, 2 ins. deep, in small draw, flows N. 10° W.,

35.80 Black Fork Creek, stream of good water, 10 lks. wide, 5 ins. deep in small draw, flows E. 25° E.; ascend gradual E. slope.

INDEPENDENT RESURVEY. 4TH. STAN. PAR. S., S. BDY. T. 20 S., R. 4

Chains

40.00 On gradual E. slope, 10 ft. above stream.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for standard $\frac{1}{4}$ sec. cor. sec. 33, with brass cap marked

SC
 $\frac{1}{4}$ S33

1939

from which

A blue spruce, 14 ins. diam., bears N. 60° 30' E., 347 lks. dist., marked $\frac{1}{4}$ S33 SC BT.

No other bearing tree available.

Thence ascend abrupt SE. slope of Black Mountain.

53.60 Stock trail, bears N. and S.

73.40 Top of Black Mountain, 710 ft. above the $\frac{1}{4}$ sec. cor., bears S. 25° W., and slopes N. 25° E.; descend abrupt NW. slope through very dense timber.

80.00 On broken NW. slope, 30 ft. below top of Black Mountain, in very dense timber.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for standard cor. secs. 32 and 33, with brass cap marked

S C
T20S | R4E
S32 | S33

1939

from which

A limber pine, 8 ins. diam., bears N. 35° 15' E., 43 lks. dist., marked T20S R4E S33 SC BT.

A limber pine, 8 ins. diam., bears N. 13° W., 161 lks. dist., marked T20S R4E S32 SC BT.

Land, high and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow dark mountain loam and gravel; 3rd rate.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, Douglas fir, balsam, and spruce.

Excellent grazing land.

N. 89° 52' W., along the S. bdy. sec. 32.

Descend abrupt NW. slope of high mountainous land, through dense timber and scattered undergrowth.

35.50 Mill Fork Creek, stream of good water, 10 lks. wide,

INDEPENDENT RESURVEY LTH STAN. PAR. S., S. BDY. T. 20 S., R. 4 E.

Chains

2 ins. deep, in wide draw, 450 ft. below top of Black Mountain, flows N. 30° E.

36.90 Stream of good water, 10 lks. wide, 3 ins. deep, flows N. 30° E., about 15.00 chs. dist. to its junction with Mill Fork Creek; ascend gradually.

40.00 On rolling land, 70 ft. above Mill Fork Creek.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to solid rock and in a large mound of stone to top, for standard $\frac{1}{4}$ sec. cor. sec. 32, with brass cap marked

SC
 $\frac{1}{4}$ S32

1939

from which

An aspen, 8 ins. diam., bears N. 22° E., 420 lks. dist., marked $\frac{1}{4}$ S32 SC BT.

A Douglas fir, 18 ins. diam., bears N. 18° W., 290 lks. dist., marked $\frac{1}{4}$ S32 SC BT.

50.40 Small stream of good water, 2 lks. wide, 2 ins. deep, flows N. 20° E.; ascend abrupt. broken E. slope.

62.30 Top of elongated knoll, 310 ft. above the standard $\frac{1}{4}$ sec. cor., bears N. 20° E., about 12.00 chs. dist., and S. 20° E., about 4.00 chs. dist.; descend abrupt rocky W. slope.

66.60 Small stream of good water at base of descent from knoll, 70 ft. below top, flows SE.

74.20 From this point, the S. end of Slide Lake, bears North, 10.00 chs. dist. Lake is 9.00 chs. long, N. and S., and 4.00 wide, E. and W.

75.00 Top of limestone rim facing E., bears N. and S.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for standard cor. secs. 31 and 32, T. 20 S., R. 4 E., with brass cap marked

S C
T20S R4E
S31 S32

1939

from which

A lone Douglas fir, 20 ins. diam., bears N. 19° 15' W., 5.16 chs. dist., marked T20S R4E S31 SC BT.

No other bearing tree available.

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.

Land, high and mountainous, with a general northerly exposure and drainage.

Chains

Soil, shallow dark mountain loam and gravel, with a rocky surface; 3rd rate.

Undergrowth, sage, service berry, and buck brush.

Timber, balsam, spruce, aspen, and Douglas fir.

Excellent grazing land.

N. 89°52' W., along the S. bdy. sec. 31.

Ascend gradually over broken E. slope of high mountainous land, through scattered patches of dense timber and scattered undergrowth.

6.80 Spur, 80 ft. above cor., projects N., about 20.00 chs. dist. to end; descend abrupt W. slope.

23.70 Small stream of good water, in draw, 200 ft. below spur, flows N.; ascend abrupt E. slope.

36.80 Enter rolling top of high divide ridge which forms the rim of the Great Salt Lake Basin, 140 ft. above stream, bears N. and S.; thence over rolling top of ridge.

40.00 On rolling top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to solid rock and in a large mound of stone to top, for standard $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked

SC
 $\frac{1}{4}$ S31

1939

from which

A spruce, 18 ins. diam., bears N. 25°15' E., 205 lks. dist., marked $\frac{1}{4}$ S31 SC BT.

A spruce, 8 ins. diam., bears N. 52°45' W., 130 lks. dist., marked $\frac{1}{4}$ S31 SC BT.

41.92 The original standard $\frac{1}{4}$ sec. cor. sec. 31, which has been changed to an angle point, as described in the official record of the survey of T. 20 S., R. 3 E.

Thence, N. 89°43' W., with continuous measurement.

44.12 The closing cor. of Ts 21 S., Rs. 3 and 4 E., a limestone outcropping, 15 x 13 x 12 ins. above ground, marked 6 notches on E., W., and S. corners. Cor. is witnessed by two bearing trees as follows.

An aspen, 5 ins. diam., bears S. 23° W., 10 lks. dist., marked T21S R3E S1 BT.

An aspen, 4 ins. diam., bears S. 10° E., 12 lks. dist., marked T21S R4E S6 BT.

Alongside the original cor.

Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for closing cor. Ts 21 S., Rs. 3 and 4 E., with brass cap marked

INDEPENDENT RESURVEY 4TH STAN. PAR. S., S. BDY. T. 20 S., R. 4 E.

Chains

T20S R4E
S31

S1	S6
R3E	R4E
T21S	
CC	

1939

I mark additional bearing trees to cor. as follows.

A spruce, 10 ins. diam., bears S. 62° E., 139 lks. dist., marked T21S R4E S6 CC PT.

A spruce, 8 lks. diam., bears S. 36° 30' N., 60 lks. dist., marked T21S R3E S1 CC PT.

- 47.00 Leave rolling top of high divide ridge which forms the rim of the Great Salt Lake Basin, bears NW. and SE.; descend abrupt rocky W. slope.
- 52.80 Small seep of good water, 120 ft. below ridge, flows N. 80° W.
standard
- 55.28 The cor. of T. 20 S., Rs. 3 and 4 E., an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah.

Land, high and mountainous, with a general northeasterly and westerly exposure and drainage.

Soil, shallow dark mountain loam and gravel, with a rocky surface; 3rd rate.

Undergrowth, sage, service berry, buck, and wild goose berry brush, weeds and grass.

Timber, Douglas fir, balsam, spruce, and aspen.

Excellent grazing land.

LAST BOUNDARY, T. 20 S., R. 4 E.

From the cor. of Ts. 19 and 20 S., R. 4 E., hereinafter described.

South, along the E. bdy. of T. 20 S., R. 4 E., on a transit line, for alinement only, and intersect the Fourth Standard Parallel South, at a point, S. 28° 58' W., 6.40 chs. dist. from the original standard cor. of T. 20 S., Rs. 4 and 5 E., which was changed to an angle point, as heretofore described on page 1 of this record.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for standard cor. T. 20 S., Rs. 4 and 5 E., with brass cap marked

Chains

SC	
T20S	
R4E	R5E
S36	S31

1939

from which

A limber pine, 16 ins. diam., bears N. 53° E., 138 lks dist., marked T20S R5E S31 SC BT.

A balsam, 8 ins. diam., bears N. 17°45' W., 64 lks. dist., marked T20S R4E S36 SC BT.

Thence; from the above cor.

North, bet. secs. 31 and 36.

Descend gradual NE. slope of high mountainous land, through dense timber and medium dense undergrowth.

21.50 A small seep of good water, bears West, 45 lks. dist.

38.20 Small stream of good water in bottom of hollow, 570 ft. below the standard township cor., flows E.; ascend abruptly SE. slope.

40.00 On steep SE. slope, 20 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	
S36	S31

1939

from which

An aspen, 12 ins. diam., bears S. 18° E., 25 lks. dist., marked $\frac{1}{4}$ S31 BT.

A spruce, 14 ins. diam., bears S. 33° W., 62 lks. dist., marked $\frac{1}{4}$ S36 BT.

67.00 Leave timber, bears NE. and SW.

80.00 On rolling top of high ridge, 660 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, with brass cap marked

T20S	
R4E	R5E
S25	S30
S36	S31

1939

raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

EAST BOUNDARY, T. 20 S., R. 4 E.

Chains

Land, high and mountainous, with a general easterly and northerly exposure and drainage.

Soil, shallow gravelly loam, mixed with rock; 3rd rate.

Undergrowth, sage, oak, and service berry brush, weeds and grass.

Timber, aspen, balsam, Douglas fir, and spruce, on S. portion of mile.

Excellent grazing land.

North, bet. secs. 25 and 30.

Descend gradual NW. slope of high mountainous land, through scattered short undergrowth.

3.90 Forest Service road, bears NE. and SW.

4.20 From this point, the Clay Spring Ranger Station, bears N. 30°18' E., 33.83 chs. Tie taken to the S. gable of a three room frame building.

5.10 Pole fence at the S. side of pasture to the Clay Spring Ranger Station, bears NE. and SW.

15.40 Enter dense timber, bears E. and W.

20.40 Pole fence, bears E. and W.

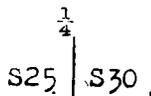
27.00 An old pole fence, bears NE. and S.

30.20 Ravine, with small stream of good water in bottom, drains NE., 510 ft. below cor.; ascend gradual SE. slope.

36.20 Top of ascent on SE. slope, 30 ft. above ravine, bears E. and SW.; thence descend gradual NE. slope.

40.00 On gradual NE. slope, 40 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1939

from which

An aspen, 8 ins. diam., bears N. 45° E., 20 lks. dist., marked $\frac{1}{4}$ S30 BT.

An aspen, 6 ins. diam., bears S. 29° W., 44 lks. dist., marked $\frac{1}{4}$ S25 BT.

43.65 Pole fence at the N. side of the Clay Spring Ranger Station, bears E. and W.

63.00 Descent becomes more abrupt, bears NW. and SE.

80.00 On abrupt NE. slope, 690 ft. below the $\frac{1}{4}$ sec. cor.

EAST BOUNDARY, T. 20 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, for cor. of secs. 19, 24, 25, and 30, with brass cap marked

T20S	
R4E	R5E
S24	S19
S25	S30

1939

from which

A Douglas fir, 9 ins. diam., bears N. 33° E., 39 lks. dist., marked T20S R5E S19 BT.

A Douglas fir, 15 ins. diam., bears S. 2°15' E., 69 lk dist., marked T20S R5E S30 BT.

A Douglas fir, 9 ins. diam., bears S. 15°45' W., 23 lk dist., marked T20S R4E S25 BT.

A Douglas fir, 8 ins. diam., bears N. 81° W., 20 lks. dist., marked T20S R4E S24 BT.

Land, high and mountainous, with a general northwesterly and northeasterly exposure and drainage.

Soil, shallow gravelly loam; 3rd rate.

Undergrowth, sage, oak, service berry, and buck brush, weeds, and grass.

Timber, aspen, spruce, and fir on portion of mile.

Excellent grazing land.

North, bet. secs. 19 and 24.

Descend abrupt NE. slope of rough mountainous land, through dense timber and undergrowth.

7.10 Ravine, drains NW., 3.50 chs. dist. to its junction with the South Fork Muddy Creek; descend gradual NW. slope.

9.20 The South Fork Muddy Creek, stream of good water, 15 lks wide, 12 ins. deep, in bottom of deep canyon, 150 ft. below sec. cor., flows NE.; ascend steep rocky SE. slope through scattered timber.

16.00 Top of yellow sandstone ledge, 20 ft. high, faces SE. and bears SW., and NE., 1.50 chs. dist. to NE. point of ledge; thence ascend gradual SE. slope.

29.10 Spur, 260 ft. above stream, slopes E., about 12.00 chs. dist. to end; descend steep N. slope through dense timber.

40.00 At base of steep descent on N. slope, 310 ft. below spur

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4	
S24	S19

1939

from which

EAST BOUNDARY, T. 20 S., R. 4 E.

Chains

A spruce, 9 ins. diam., bears N. 40° E., 29 lks. dist., marked $\frac{1}{4}$ S19 BT. ✓

A spruce, 12 ins. diam., bears N. 65° W., 54 lks. dist., marked $\frac{1}{4}$ S24 BT. ✓

Thence over bottom lands of the North Fork Muddy Creek.

41.00 The North Fork Muddy Creek, stream of good water, 20 lks. wide, 12 ins. deep, in bottom of deep canyon, 330 ft. below spur, flows S. 60° E.; ascend abrupt S. slope through scattered timber and undergrowth.

43.30 Forest Service telephone line, bears E. and W.

43.80 Improved Forest Service trail, bears E. and W.

64.20 Top of bare ridge, 620 ft. above North Fork Muddy Creek, bears E. and W.; descend abrupt N. slope.

68.50 Enter clump of dense pine timber, bears NW. and SE.

71.00 Leave clump of timber, bears NW. and SE.

77.80 Enter dense aspen timber, bears E. and W.

80.00 On N. slope, 170 ft. below ridge; at edge of aspen timber.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, with brass cap marked

T20S	
R4E	R5E
S13	S18
S24	S19

1939

from which

An aspen, 5 ins. diam., bears N. $49^{\circ}30'$ E., 18 lks. dist., marked T20S R5E S18 BT.

An aspen, 5 ins. diam., bears S. $67^{\circ}30'$ E., 19 lks. dist., marked T20S R5E S19 BT.

An aspen, 5 ins. diam., bears S. 46° W., 53 lks. dist., marked T20S R4E S24 BT.

An aspen, 5 ins. diam., bears N. $60^{\circ}30'$ W., 90 lks. dist., marked T20S R4E S13 BT.

Land, high and mountainous, with a general easterly drainage.

Soil, shallow gravel, with a rocky surface; 4th rate.

Undergrowth, sage, oak, mahogany, service berry, and buck brush, weeds, and grass.

Timber, clumps of aspen, spruce, and fir.

Excellent grazing land.

Chains

North, bet. secs. 13 and 18.

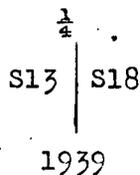
Descend gradually over rolling NE. slope of high mountainous land, through scattered clumps of dense timber and dense short undergrowth,

11.70 Small stream of good water, in wash, 10 lks. wide, 15 ft. deep, in draw, 30 ft. below cor., flows SE.; ascend gradual S. slope.

36.50 Spur, 230 ft. above draw, slopes SE.; descend gradual NE. slope.

40.00 On gradual NE. slope, same level as top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



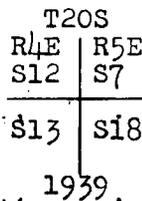
raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

No bearing trees available.

63.20 Small stream of good water, in draw, 50 ft. below the $\frac{1}{4}$ sec. cor., flows SE.; ascend gradual SW. slope.

80.00 On gradual SW. slope, 180 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 7, 12, 13, and 18, with brass cap marked



from which

An aspen, 10 ins. diam., bears S. 58° 30' W., 58 lks. dist., marked T20S R4E S13 BT.

An aspen, 9 ins. diam., bears N. 78° W., 37 lks. dist., marked T20S R4E S12 BT.

No other bearing trees available.

Land, rolling and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow gravelly loam, with a rocky surface; 4th rate

Undergrowth; dense short sagebrush, weeds, and grass.

Timber, clumps of dense aspen.

Excellent grazing land.

EAST BOUNDARY, T. 20 S., R. 4 E.

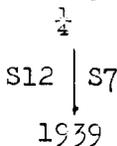
Chains

North, bet. secs. 7 and 12.

Ascend gradual SW. slope of high rolling mountainous land, through clumps of dense timber and scattered undergrowth.

- 9.90 Spur, 100 ft. above cor., slopes S. 30° E.; thence along rolling NE. slope.
- 31.35 A small seep of good water, bears West, 40 lks. dist.
- 35.20 Head of grassy ravine, drains SE.; ascend gradual SE. slope through dense aspen and scattered pine timber.
- 40.00 On gradual SE. slope, 60 ft. above head of ravine.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



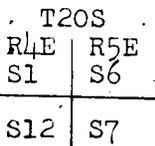
from which

A spruce, 12 ins. diam., bears N. 24° 30' E., 73 lks. dist., marked $\frac{1}{4}$ S7 BT.

An aspen, 10 ins. diam., bears S. 35° W., 70 lks. dist., marked $\frac{1}{4}$ S12 BT.

- 49.80 Stream of good water, 2 lks. wide, 2 ins. deep, in small draw, flows SE.; continue ascent over SE. slope.
- 58.30 Head of small seep, flows SE.
- 69.80 Spur, 310 ft. above the $\frac{1}{4}$ sec. cor., slopes SE.; continue over general SE. slope.
- 71.80 Center of small grassy elongated basin, bears E. and W.
- 80.00 On SE. slope, 60 ft. above spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, with brass cap marked



1939

from which

A limber pine, 10 ins. diam., bears N. 53° 45' E., 61 lks. dist., marked T20S R5E S6 BT.

An aspen, 8 ins. diam., bears S. 5° 30' E., 73 lks. dist., marked T20S R5E S7 BT.

A limber pine, 4 ins. diam., bears S. 52° W., 199 lks. dist., marked T20S R4E S12 BT.

Chains

A limber pine, 24 ins. diam., bears N. 11° W., 85 lks. dist., marked T20S R4E S1 BT.

Land, high, rolling and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow gravelly loam with a rocky surface; 4th rate.

Undergrowth, sage, service berry, and buck brush, weeds, and grass.

Timber, clumps of dense aspen, spruce, limber pine, and f

Excellent grazing land.

North, bet. secs. 1 and 6.

Ascend gradually over rolling SE. slope of high mountainous land, through clumps of dense timber and scattered short undergrowth.

0.90 Forest Service stock drift fence, constructed of large logs, bears N. 80° W. and S. 80° E.

21.70 Spur, 170 ft. above cor., slopes NE.; descend gradual N. slope.

33.90 Spur, same level as last spur, slopes NE., 3.50 chs. dist. thence E.; descend over rolling N. slope.

40.00 On rolling N. slope, 80 ft, below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S1 | S6
1939

from which

An Alpine fir, 10 ins. diam., bears N. 20° E., 198 lks. dist., marked $\frac{1}{4}$ S6 BT.

A limber pine, 16 ins. diam., bears N. 12° W., 256 lks. dist., marked $\frac{1}{4}$ S1 BT.

41.00 Small grassy ravine, 20 ft. below the $\frac{1}{4}$ sec. cor., drains E.; thence along broken E. slope.

44.40 Small spur, slopes NE., 5.00 chs. to end.

51.15 Small stream of good water in small grassy draw, flows SE.

52.75 Small stream of good water flows SE.; ascend SE. slope.

58.10 Spur, 50 ft. above grass ravine, projects E.; descend over rolling NE. slope.

65.90 Center of grassy swamp, 4.00 chs. in diameter.

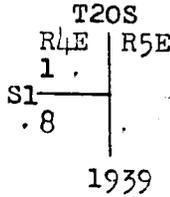
74.70 Horse Creek, stream of good water, 5 lks. wide, 3 ins. deep, in bottom of draw, 50 ft. below spur, flows S. 80° E.; ascend over rolling SE. slope.

EAST BOUNDARY, T. 20 S., R. 4 E.

Chains

80.00 On gradual SE. slope, 40 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of lots 1 and 8, sec. 1, with brass cap marked



from which

A limber pine, 24 ins. diam., bears S. 46° W., 80 lks. dist., marked L8 S1 BT.

A limber pine, 24 ins. diam., bears N. 28°30' W., 62 lks. dist., marked L1 S1 BT.

88.71 The cor. of Ts. 19 and 20 S., R. 4 E., an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 19 S., R. 4 E., Group 39, Utah.

Land, rolling and mountainous, with a general southerly and northeasterly exposure and drainage.

Soil, shallow gravelly loam with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, clumps of aspen, spruce, limber pine, and fir.

Excellent grazing land.

SUBDIVISION OF T. 20 S., R. 4 E.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township, heretofore described.

West, on a random governing section line, bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.00 Set temp. cor. secs. 25, 26, 35, and 36.

From the temp. cor. secs. 25, 26, 35, and 36.

S. 0°01' E., on random line, bet. secs. 35 and 36.

40.00 Set temp. 1/4 sec. cor.

80.85 Intersect the Fourth Standard Parallel South, at the standard cor. of secs. 35 and 36, heretofore described.

Thence:

N. 0°01' W., on true line, bet. secs. 35 and 36.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

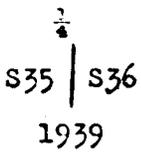
Ascend abrupt SE. slope of high mountains, land, dense timber and scattered undergrowth.

9.70 Ridge, 110 ft. above cor., bears N. 70° W. and S. 70° descend gradually along E. slope.

21.20 Recross top of ridge, bears N. 30° E. and SW., 70 ft. last crossing; descend over rolling N. slope.

40.85 On rolling N. slope, 200 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in ground and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

An aspen, 6 ins. diam., bears S. 80°15' E., 86 lks. dist., marked $\frac{1}{4}$ S36 BT.

A limber pine, 11 ins. diam., bears N. 63° W., 124 lks. dist., marked $\frac{1}{4}$ S35 BT.

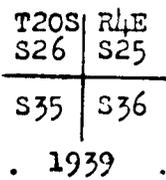
44.20 Forest Service stock drift fence, constructed of large logs, bears NE. and SW.

54.10 The E. edge of small grassy swamp.

59.50 Improved Forest Service road, bears N. 60° W., and S. 60°

70.85 On rolling NE. slope, 440 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, for cor. of secs. 25, 26, 35, and 36, with brass cap marked



from which

An aspen, 10 ins. diam., bears N. 62° E., 20 lks. dist., marked T20S R4E S25 BT.

An aspen, 8 ins. diam., bears S. 65° E., 55 lks. dist., marked T20S R4E S36 BT.

An aspen, 9 ins. diam., bears N. 23°30' W., 41 lks. dist., marked T20S R4E S26 BT.

No bearing tree available in sec. 35.

Land, high, rolling, and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow dark mountain loam and gravel; 3rd rate.

Timber, aspen, spruce, fir, and limber pine.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Excellent grazing land.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township.

West, on a true governing section line, bet. secs. 25 and 36.

Descend over rolling NW. slope of high mountainous land, through scattered short undergrowth.

5.10 Improved Forest Service road, bears NE. and SW.

7.30 The SW. cor. of pasture fence to the Clay Spring Ranger Station, bears North, 50 lks. dist.

22.10 Head of ravine, 80 ft. below cor., drains N., 4.00 chs. dist., thence NE.; ascend gradual E. slope.

32.10 Saddle in spur, 70 ft. above ravine, projects N., about 8.00 chs. dist. to top of peak; descend gradual SW. slope.

40.00 On gradual SW. slope, 30 ft. below saddle in spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S25}{S36}$$

1939

from which

A lone limber pine, 30 ins. diam., bears N. 16° W., 113 lks. dist., marked $\frac{1}{4}$ S25 BT.

No other bearing tree available.

54.30 Small seep of good water in bottom of ravine, 120 ft. below the $\frac{1}{4}$ sec. cor., flows NW.; ascend gradually along N. slope through dense timber.

54.90 The NE. end of a Forest Service drift fence, constructed of large logs.

57.00 Small seep of good water, flows N.

80.00 The cor. of secs. 25, 26, 35, and 36, 60 ft. above ravine.

Land, rolling and mountainous, with a general northwesterly exposure and drainage.

Soil, shallow gravelly loam; 3rd rate.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, spruce, and fir, on W. portion of mile.

Excellent grazing land.

N. $0^{\circ}01'$ W., bet. secs. 25 and 26.

Descend gradually over rolling N. slope of high mountainous land, through dense timber and scattered undergrowth.

24.50 Ravine, 250 ft. below cor., drains NE.; ascend gradual SE. slope.

SUBDIVISION OF TERRITORY, R. 1, S. 3.

Chains

28.50 Spur, 30 ft. above ravine, projects N. 30° E. on
abrupt NW. slope.

40.00 On abrupt NW. slope, 130 ft. below spur
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S26	S25
-----	-----

1939

from which

A limber pine, 10 ins. diam., bears N. 15° 45' W., 382 lks.
dist., marked $\frac{1}{4}$ S26 BT.

No other bearing tree available.

61.25 Small stream of good water, flows NW., 50 lks. dist. to
grassy swamp, and heads at spring, which bears E., 50 lks.
dist.

62.50 Small stream of good water, flows W., 20 lks. dist. to
grassy swamp, and heads at spring which bears E., 40 lks.
dist.

71.10 South Fork Muddy Creek, stream of good water, 15 lks. wide
10 ins. deep, in bottom of canyon, 560 ft. below the $\frac{1}{4}$
sec. cor., flows NE.; ascend steep SE. slope through
dense undergrowth.

71.30 Intersect a small spring of good water, in clump of dense
willows.

70.00 On broken SE. slope, 210 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the
ground, for cor. of secs. 23, 24, 25, and 26, with brass
cap marked

T20S	R4E
S23	S24
S26	S25

1939

from which

A red cedar, 3 ins. diam., bears N. 48° 30' E., 107 lks.
dist., marked BT.

No other bearing trees available.

Land, mountainous, with a general northerly and southerly
exposure and drainage into South Fork Muddy Creek.

Soil, shallow gravelly loam with a rocky surface; 3rd rate

Undergrowth, sage, oak, service berry, buck, and mahogany
brush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine, on S. portion
of mile.

Excellent grazing land.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

East, on random line, bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the E. bdy. of the township, 9 lks. S. of the cor. of secs. 19, 24, 25; and 30, heretofore described.

Thence:

S. 89°56' W., on true line, bet. secs. 24 and 25.

Ascend steep NE. slope of rough mountainous land, through dense timber and scattered undergrowth.

34.20 Top of ascent, 320 ft. above cor., bears N. and S.; descend gradually along steep N. slope.

39.95 On steep N. slope, 20 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

324

325

1930

from which

A Douglas fir, 15 ins. diam., bears N. 80° E., 36 lks. dist., marked S24 BT.

A spruce, 12 ins. diam., bears N. 80° E., 31 lks. dist., marked S25 BT.

Continue descent along steep N. slope.

55.20 Small spring of good water, bears S., 40 lks. dist.

57.30 Small stream of good water in bottom of ravine, 20 ft. below the 1/4 sec. cor., flows N.; ascend gradual NE. slope.

60.70 Top of ascent, 50 ft. above stream, bears N. and S.; descend abrupt NW. slope.

71.00 South Fork Muddy Creek, stream of good water, 15 lks. wide, 10 ins. deep, in bottom of canyon, 50 ft. below top of ascent, flows NE.; ascend steep SE. slope, through dense undergrowth.

79.90 The cor. of secs. 23, 24, 25, and 26, 250 ft. above stream.

Land, broken and mountainous, with a general northerly exposure and drainage into South Fork Muddy Creek.

Soil, shallow gravel and rock; 4th rate.

Undergrowth, sage, service berry, buck, and oak, brush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine on E. portion of mile.

Exceedingly good grazing land.

SUBDIVISION OF T. 201 S. R. 4 E.

Chains

N. 0°01' W., bet. secs. 23 and 24.

Ascend steep SE. slope of broken mountainous land, through scattered timber and dense undergrowth.

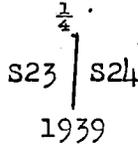
10.40 Spur, 70 ft. above cor., projects E.; descend abrupt N. slope through dense timber.

17.10 Stream of good water, 5 lks. wide, 2 ins. deep, in bottom of deep narrow gulch, 150 ft. below spur, flows E.; ascend steep S. slope through dense undergrowth.

32.70 Ridge, 240 ft. above stream, bears E. and W.; descend gradual NE. slope.

40.00 On gradual NE. slope, 10 ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in ground, for 1/4 sec. cor., with brass cap marked



from which

An Alpine fir, 8 ins. diam., bears N. 20° E., 148 lks. dist., marked 1/4 S24 BT.

No other bearing tree available.

44.60 Top of abrupt descent over NE. slope through dense timber bears NW. and SE.

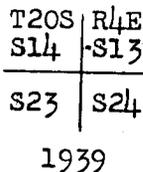
52.60 Small seep of good water, bears West, 60 lks. dist.

63.30 The North Fork Muddy Creek, stream of good clear water, 20 lks. wide, 10 ins. deep, in bottom of deep canyon, 220 ft. below ridge, flows S. 60° E.; ascend steep SW. slope.

72.60 Slope changes from a SW. slope to a SE. slope.

80.00 On Steep SE. slope, 310 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked



from which

A red cedar, 9 ins. diam., bears N. 54° E., 76 lks. dist., marked BT. Tree too scrubby for other marks.

An aspen, 7 ins. diam., bears S. 51°30' E., 189 lks. dist., marked T20S R4E S24 BT.

A limber pine, 1 1/4 ins. diam., bears S. 70°15' W., 55 lks. dist., marked T20S R4E S23 BT.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

- An alpine fir, 12 ins. diam., bears N. 62° W., 90 lks. dist., marked T20S R4E S14 BT.
- Land, broken and mountainous, with a general easterly exposure and drainage.
- Soil, shallow gravel and rock; 4th rate.
- Undergrowth, sage, oak, service berry, mahogany, and buck brush, weeds, and grass.
- Timber, red cedar, spruce, aspen, and limber pine.
- Good grazing land.
-
- N. 89°56' E., on random line, bet. secs. 13 and 24.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.32 Intersect the E. bdy. of the township, 12 lks. N. of the cor. of secs. 13, 18, 19, and 24, heretofore described.
- Thence:
- N. 89°59' W., on true line, bet. secs. 13 and 24.
- Ascend gradual E. slope of high mountainous land, through scattered patches of timber.
- 14.60 Slope changes from an E. slope to a SE. slope.
- 26.70 Ridge, 240 ft. above cor., bears N. 60° W. and S. 60° E.; descend gradually SW. slope of ridge near top.
- 39.91 On SW. slope, 70 ft. above ridge, near top.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | |
|-----|
| S13 |
| — |
| S24 |
- 1939
- from which
- A mahogany, 6 ins. diam., bears S. 66°45' W., 69 lks. dist., marked $\frac{1}{4}$ S24 BT.
- A mahogany, 9 ins. diam., bears N. 89° W., 130 lks. dist., marked $\frac{1}{4}$ S13 BT.
- Thence descend gradually along SW. and S. slopes.
- 66.30 Forest Service trail, bears NW. and SE.
- 68.90 Forest Service telephone line, bears NW. and SE.
- 72.80 Ravine, 170 ft. below the $\frac{1}{4}$ sec. cor., drains S.; ascend gradual SE. slope.
- 79.82 The cor. of secs. 13, 14, 23, and 24, 70 ft. above ravine.
- Land, broken and mountainous, with a general easterly and southerly exposure and drainage.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage, oak, service berry, mahogany, and buck brush, weeds, and grass.

Timber, aspen, spruce, and fir, on portions of mile.

Good grazing land.

N. 0°01' W., bet. secs. 13 and 14.

Ascend steep SE. slope of high mountainous land, through scattered timber and undergrowth.

4.30 Top of abrupt ascent, 70 ft. above cor., bears NW. and SE thence ascend gradually.

7.65 Forest Service telephone line, bears N. 80° W. and S. 80° E.

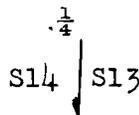
12.35 Forest Service trail, bears N. 80° W. and S. 80° E.

14.00 Bend in draw, drains SE. from N. 20° E.; ascend more abruptly SE. slope.

30.70 The E. edge of shallow lake, 150 lks. in diameter.

40.00 On SE. slope, 300 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1939

from which

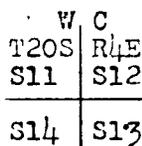
An aspen, 9 ins. diam., bears S. 63°30' E., 19 lks. dist., marked $\frac{1}{4}$ S13 BT.

An aspen, 10 ins. diam., bears N. 15°45' W., 90 lks. dist., marked $\frac{1}{4}$ S14 BT.

62.00 Top of bare ridge, 240 ft. above the $\frac{1}{4}$ sec. cor., bears N. 10° E. and S. 10° W.; thence along W. slope of ridge.

70.50 On S. side of deep wash.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for witness cor. to the cor. of secs. 11, 12, 13, and 14, with brass cap marked



1939

deposit a limestone, 12 x 10 x 3 ins., at base of post, marked X.

No other accessories available.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains	
80.00	<p>True point for the cor. of secs. 11, 12, 13, and 14, falls in bottom of wash, 50 lks. wide, 20 ft. deep, where it is impracticable to set a cor. Wash drains S. 30° W.</p> <p>Land, rolling and mountainous, with a general southerly exposure and drainage.</p> <p>Soil, deep clay and gravel; 4th rate.</p> <p>Undergrowth, sage, service berry, and buck brush, weeds and grass.</p> <p>Timber, aspen, spruce, and fir, on portions of mile.</p> <p>Good grazing land.</p>
	<p>From the true point for the cor. of secs. 11, 12, 13, and 14.</p>
	<p>S. 89°59' E., on random line, bet. secs. 12 and 13.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
79.92	<p>Intersect the E. bdy. of the township, 5 lks. S. of the cor. of secs. 7, 12, 13, and 18, heretofore described.</p>
	<p>Thence:</p>
	<p>S. 89°59' W., on true line, bet. secs. 12 and 13.</p>
	<p>Descend gradual SW. slope of high rolling mountainous land, through dense timber and scattered undergrowth.</p>
8.00	<p>Ravine, 20 ft. below cor., drains SE.; ascend gradual SE. slope.</p>
20.30	<p>Small stream of good water, flows SE.</p>
23.40	<p>Spur, 170 ft. above ravine, projects SE.; descend gradual SW. slope.</p>
31.20	<p>Ravine, 50 ft. below spur, drains SE.; ascend gradual NE. slope.</p>
38.00	<p>Spur, 120 ft. above ravine, slopes SE.; thence along S. slope.</p>
39.96	<p>On S. slope of spur, same level as top.</p>
	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p>
	<p style="text-align: center;">S12 $\frac{1}{4}$ sec. S13 1939</p>
	<p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>No bearing trees available.</p>
74.00	<p>Top of high bare ridge, 70 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend steep W. slope.</p>

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

79.92 The true point for the cor. of secs. 11, 12, 13, and 14, which is N. 0°01' W., 50 lks. dist. from the witness cor. to the cor. of said secs., 60 ft. below top of ridge.

Land, rolling and mountainous, with a general southeaster and westerly exposure and drainage.

Soil, shallow dark loam and gravel; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, clumps of dense aspen on portions of mile.

Exceedingly good grazing land.

From the true point for the cor. of secs. 11, 12, 13, and 14, which is N. 0°01' W., 50 lks. dist. from the witness cor. to the cor. of said secs.

N. 0°01' W., bet. secs. 11 and 12...

Ascend gradually over rolling SW. slope of high mountainous land, through scattered short undergrowth.

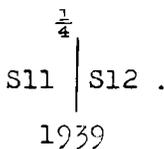
20.00 Enter medium dense timber, bears E. and W.

23.50 Bottom of small elongated basin, bears NW. and SE.

27.00 Bottom of small elongated basin, bears NW. and SE.

40.00 On general SW. slope, 430 ft. above the true point for cor. of secs. 11, 12, 13, and 14.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

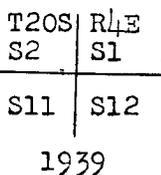
A limber pine, 12 ins. diam., bears N. 3° E., 277 lks. dist., marked $\frac{1}{4}$ S12 BT.

A limber pine, 30 ins. diam., bears N. 7°30' W., 323 lks. dist., marked $\frac{1}{4}$ S11 BT.

43.10 Ascent becomes more gradual, bears NE. and SW.

80.00 On SW. slope, 250 ft. above the 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, with brass cap marked



from which

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

A limber pine, 30 ins. diam., bears N. 80° E., 63 lks. dist., marked T20S R4E S1 BT.

A limber pine, 30 ins. diam., bears S. 55° E., 29 lks. dist., marked T20S R4E S12 BT.

A limber pine, 12 ins. diam., bears S. 25° W., 46 lks. dist., marked T20S R4E S11 BT.

A limber pine, 14 ins. diam., bears N. 45° W., 11 lks. dist., marked T20S R4E S2 BT.

Land, high and mountainous, with a general southwesterly exposure and drainage.

Soil, shallow dark mountain loam and rock; 3rd rate.

Undergrowth, sage and service berry brush, weeds, and grass.

Timber, aspen, limber pine, spruce, and fir, on N. portion of mile.

Excellent grazing land.

N. 89°59' E., on random line, bet. secs. 1 and 12.

40.00 Set temp. & sec. cor.

79.92 Intersect the E. bdy. of the township, 3 lks. N. of the cor. of secs. 1, 6, 7, and 12, heretofore described.

Thence:

West, on true line, bet. secs. 1 and 12.

Ascend gradual SE. slope of rolling mountainous land, through scattered timber and undergrowth.

15.20 Top of ascent, 120 ft. above cor., bears N. and SW.; descend gradually along N. slope.

24.50 Stream of good water, 2 lks. wide, 2 ins. deep, in ravine, 30 ft. below top of ascent, flows SE.; thence ascend gradual SE. slope through dense timber.

28.10 Recross stream, flows N.

31.10 Large spring of good water, bears South, 2.00 chs. dist.

39.96 On abrupt E. slope, in dense timber, 310 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S1

S12

1939

from which

A limber pine, 20 ins. diam., bears S. 50° W., 64 lks. dist., marked $\frac{1}{4}$ S12 BT.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

- An Alpine fir, 12 ins. diam., bears N. 55°30' W., 81 1/4 dist., marked 1/4 S1 BT.
- 44.50 Top of knoll, 50 ft. above the 1/4 sec. cor.; descend W. slope.
- 48.90 Ravine, near head, 80 ft. below top of knoll, drains S.; ascend gradual SE. slope.
- 59.00 Ridge, 180 ft. above ravine, bears N. 20° E. and S. 20° thence along broken S. slope.
- 60.90 The NE. edge of basin bearing SW.
- 70.92 The cor. of secs. 1, 2, 11, and 12, 50 ft. below ridge.
Land, broken and mountainous, with a general southerly and southeasterly exposure and drainage.
Soil, shallow dark mountain loam, with a rocky surface; 4th rate.
Undergrowth, sage, service berry, and buck brush, weeds and grass.
Timber, aspen, limber pine, spruce, and fir.
Excellent grazing land.

- N. 0°01' W., on random line, bet. secs. 1 and 2.
- 40.00 Set temp. 1/4 sec. cor.
- 70.00 Set temp. lot cor.
- 88.67 Intersect the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the township, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 19 S., R. 4 E., Group 39, Utah
Thence:
S. 0°01' E., on true line, bet. secs. 1 and 2.
Ascend gradual N. slope of high mountainous land, through medium dense timber and undergrowth.
- 0.20 Small stream of good water, flows E.
- 1.50 Small stream of good water, flows NE.
- 4.20 From this point, the SE. cor. of a frame cabin, size 16 x 12 ft., at an old saw mill site, bears S. 76°38' W., 7.95 chs. dist. Stream of good water flowing easterly, heads at a point 2.00 chs. N. of cabin.
- 4.50 Old wagon road, bears E. and W.
- 6.67 On gradual N. slope, 70 ft. above sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 4 and 5, sec. 1, and lots 1 and 8, sec. 2, with brass cap marked

T20S R4E
 1 | 4
 S2 ——— S1
 8 | 5
 1939

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

From which

An Alpine fir, 8 ins. diam., bears N. 43° 30' E., 33 lks. dist., marked LOT 4 S1 BT.

An Alpine fir; 12 ins. diam., bears S. 21° E., 9 lks. dist., marked LOT 5 S1 BT.

3 An Alpine fir, 12 ins. diam., bears S. 49° W., 33 lks. dist., marked LOT 8 S2 BT.

An Alpine fir, 6 ins. diam., bears N: 61° 30' W., 21 lks. dist., marked LCT 1 S2 BT.

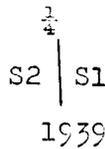
Thence ascend abrupt N. slope of high spur ridge from the main Heliotrope Mountain.

27.70 Small seep of good water, flows northwesterly.

45.20 Top of high spur ridge from Heliotrope Mountain, 780 ft. above the lot cor., bears E. and W.; descend abrupt S. slope of ridge.

48.67 On abrupt S. slope, 40 ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A limber pine, 6 ins. diam., bears S. 22° E., 176 lks. dist., marked 1/4 S1 BT.

A spruce, 6 ins. diam., bears S. 32° W., 104 lks. dist., marked 1/4 S2 BT.

61.80 Descent becomes more gradual, bears E. and W.

88.67 The cor. of secs. 1, 2, 11, and 12, 850 ft. below the 1/4 sec. cor.

Land, broken and mountainous, with a general southerly and northerly exposure and drainage.

Soil; shallow gravel and clay, with a rocky surface; 1/4th rate.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, limber pine, spruce, and fir.

Good grazing land.

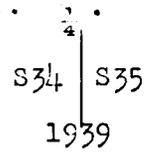
From the cor. of secs. 25, 26, 35, and 36, heretofore described.

West, on a random governing section line, bet. secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

SUBDIVISION OF T. 24 S., R. 4 E.

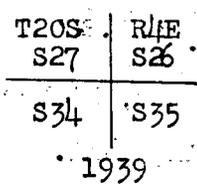
- Chains
- 80.00 Set temp. cor. of secs. 26, 27, 34, and 35.
From the temp. cor. secs. 26, 27, 34, and 35.
S. 0°01' E., on random line, bet. secs. 34 and 35.
 - 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 80.74 Intersect the Fourth Standard Parallel South, 6 lks. E. of the standard cor. of secs. 34 and 35, heretofore described.
Thence:
N. 0°01' W., on true line, bet. secs. 34 and 35.
Descend gradually over rolling N. slope of high mountainous land, through dense timber and scattered undergrowth.
 - 36.40 Small pond of good water, 1.00 chs. in diameter.
 - 40.74 On rolling N. slope, 330 ft. below the standard cor.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- An aspen, 10 ins. diam., bears S. 75° W., 46 lks. dist., marked $\frac{1}{4}$ S34 BT.
- A spruce, 14 ins. diam., bears S. 16° E., 213 lks. dist., marked $\frac{1}{4}$ S35 BT.

- 53.00 The NW. edge of a circular grassy marsh.
- 54.30 Improved Forest Service road, bears E. and W.
- 54.60 The center of a small fenced Forest Service test plot, bears East, 50 lks. dist.
- 80.74 On gradual N. slope, 300 ft. below the $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, with brass cap marked



from which

- A limber pine, 20 ins. diam., bears N. 88°15' E., 181 lks. dist., marked T20S R4E S26 BT.
- A spruce, 12 ins. diam., bears S. 48° E., 58 lks. dist., marked T20S R4E S35 BT.
- A spruce, 28 ins. diam., bears S. 1° W., 58 lks. dist., marked T20S R4E S34 BT.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains	
	<p>A spruce, 18 ins. diam., bears N. 77°30' W., 68 lks. dist., marked T20S R4E S27 BT.</p> <p>Land; rolling and mountainous, with a general northerly exposure and drainage.</p> <p>Soil, shallow dark mountain loam; 3rd rate.</p> <p>Undergrowth, sagebrush, weeds, and grass.</p> <p>Timber, aspen, spruce, limber pine, and fir.</p> <p>Excellent grazing land.</p>
	<p>From the cor. of secs. 25, 26, 35, and 36.</p> <p>West; on a true governing section line, bet. secs. 26 and 35.</p> <p>Descend gradually over rolling N. slope of high mountainous land, through dense timber and scattered undergrowth.</p>
12.60	Ravine, 30 ft. below cor., drains N.; ascend gradual NE. slope.
17.30	Spur, 30 ft. above ravine, projects N. 20° E.; descend gradual NW. slope.
19.60	Descent becomes abrupt, bears NE. and SW.
37.30	Ravine; 320 ft. below spur, drains N. 30° E.; ascend steep NE. slope.
40.03	On steep NE. slope, 50 ft. above ravine.
	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <p>S26</p> <hr style="width: 50px; margin: 0 auto;"/> <p>S35</p> <p>1939</p> </div> <p style="text-align: right;">from which</p>
	<p>A spruce, 14 ins. diam., bears S. 63°30' W., 22 lks. dist., marked $\frac{1}{4}$ S35 BT.</p> <p>A spruce, 18 ins. diam., bears N. 18° W., 26 lks. dist., marked $\frac{1}{4}$ S26 BT.</p>
50.00	Small clay spur, 140 ft. above the $\frac{1}{4}$ sec. cor., projects N.; continue gradual ascent over NE. slope.
59.20	Spur, 170 ft. above the $\frac{1}{4}$ sec. cor., projects N.; thence ascend gradually along rolling N. slope.
62.30	Small seep in grass swamp drains N.
68.70	Center of small basin, bears N., 1.00 ch. dist.
77.20	Spur, 250 ft. above the $\frac{1}{4}$ sec. cor., projects N.; descend gradual NW. slope.
80.06	The cor. of secs. 26, 27, 34, and 35, 30 ft. below spur.

SUBDIVISION OF T. 20 S., R. 34 E.

Chains

area(0

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow dark mountain loam; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce, aspen, limber pine, and fir.

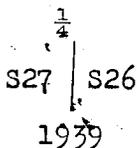
Excellent grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Descend gradual N. slope of high rolling mountainous land through dense timber and scattered undergrowth.

- 8.10 Small stream of good water, flows N. 30° E.
- 16.10 Small stream of good water, flows NE.
- 34.00 Black Fork Creek, stream of good water, 6 lks. wide, 6 ins deep, 290 ft. below cor., flows E., in bottom of draw, 70 ft. deep.
- 39.20 The South Fork Muddy Creek, stream of good water, 12 lks. wide, 10 ins. deep, in canyon, 350 ft. below sec. cor., flows E.; ascend abrupt S. slope through scattered timber.
- 40.00 On abrupt S. slope, 30 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



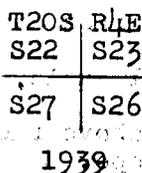
from which

An aspen, 6 ins. diam., bears S. 95°30' E., 84 lks. dist., marked $\frac{1}{4}$ S26 BT.

A spruce, 8 ins. diam., bears S. 27° W., 30 lks. dist., marked $\frac{1}{4}$ S27 BT.

- 49.50 Top of abrupt ascent at S. rim of bench, 230 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; thence over rolling top of bench land.
- 62.00 Timber becomes more scattered, bears E. and W.
- 80.00 On rolling bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, with brass cap marked



from which

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

An aspen, 8 ins. diam., bears N. 76° E., 385 lks. dist., marked T20S R4E S23 BT.

A limber pine, 8 ins. diam., bears S. 30°45' E., 150 lks. dist., marked T20S R4E S26 BT.

A limber pine, 3 ins. diam., bears S. 23° W., 85 lks. dist., marked BT.

A limber pine, 6 ins. diam., bears N. 53° W., 374 lks. dist., marked T20S R4E S22 BT.

Land, rolling and mountainous, with a general northerly and easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, grass, and weeds.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

East, on random line, bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 23, 24, 25, and 26.

Thence;

N. 89°58' W., on true line, bet. secs. 23 and 26.

Ascend abrupt SE. slope of broken mountainous land, through dense undergrowth and scattered timber.

10.00 Ascent becomes gradual, bears NE. and SW.

27.30 Top of SE. rim of rolling bench land, 400 ft. above sec. cor., bears NE. and SW.; thence ascend gradually over rolling bench land.

40.04 On rolling top of bench.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S23
 $\frac{1}{4}$ ———
S26

1939

raise a mound of stone; 3 ft. base, 2 ft. high, N. of cor.

No bearing trees available.

80.08 The cor. of secs. 22, 23, 26, and 27, 50 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling and broken, with a general easterly exposure and drainage.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sage, service berry, and oak brush, weeds, and grass.

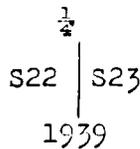
Timber, scattered aspen and spruce on E. portion of mile
Good grazing land.

N. 0°01' W., bet. secs. 22 and 23.

Over rolling top of bench land, through scattered clumps of timber and medium dense short undergrowth.

- 13.80 Leave rolling top of bench, bears NE. and SW.; thence descend abrupt N. slope.
- 18.50 Stream of good water, 6 lks. wide, 2 ins. deep, in draw, 70 ft. below rim of bench, flows E.; ascend gradual S. slope.
- 28.00 Spur, 50 ft. above stream, projects E.; descend steep N. slope.
- 32.00 Small stream of good water in bottom of ravine, 40 ft. below spur, flows E.; ascend abrupt S. slope.
- 36.00 Top of ascent, bears E. and W.; thence over rolling land
- 40.00 On rolling land, 50 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



.. from which

An aspen, 10 ins. diam., bears N. 52°15' E., 464 lks. dist., marked $\frac{1}{4}$ S23 BT.

An aspen, 8 ins. diam., bears N. 53°15' W., 302 lks. dist., marked $\frac{1}{4}$ S22 BT.

From this cor., a dipping vat for sheep, in the NE. cor. of a small pole corral, bears N. 88° W., 17.00 chs. dist.

- 51.00 Leave rolling land and descend abrupt N. slope, bears E. and W.
- 58.80 Stream of good water, 5 lks. wide, 2 ins. deep, in ravine, 130 ft. below the $\frac{1}{4}$ sec. cor., flows E.; ascend abruptly.
- 60.30 Dim wagon road, bears E. and W.
- 64.60 Top of abrupt ascent, 120 ft. above stream, bears E. and W., thence over rolling land.
- 70.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap marked

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

T20S	R4E
S15	S14
S22	S23

1939

from which

An aspen, 12 ins. diam., bears N. 43° 30' E., 214 lks. dist., marked T20S R4E S14 BT.

An aspen, 9 ins. diam., bears S. 27° E., 56 lks. dist., marked T20S R4E S23 BT.

An aspen, 10 ins. diam., bears S. 32° W., 65 lks. dist., marked T20S R4E S22 BT.

An aspen, 12 ins. diam., bears N. 38° W., 196 lks. dist., marked T20S R4E S15 BT.

Land, rolling and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and service berry brush, weeds and grass.

Timber, aspen, spruce, and fir.

Good grazing land.

S. 89° 58' E., on random line, bet. secs. 14 and 23.

40.00 Set temp. sec. cor.

80.22 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 13, 14, 23, and 24.

Thence:

S. 89° 59' W., on true line, bet. secs. 14 and 23.

Descend gradual S.W. slope of rough mountainous land, through medium dense timber and undergrowth.

11.10 Small seep of good water in shallow draw, drains SE.; continue descent over SW. slope.

35.80 The North Fork Muddy Creek, stream of good water, 20 lks. wide, 10 ins. deep, in deep canyon, 240 ft. below cor., flows S. 50° E.; ascend gradually over broken NE. slope.

40.11 On broken NE. slope, 20 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S14

S23

1939

from which

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

An aspen, 12 ins. diam., bears S. 5°15' E., 20½ lks. dist., marked ¼ S23 BT.

An aspen, 6 ins. diam., bears N. 23° W., 10½ lks. dist., marked ¼ S14 BT.

Continue ascent over broken NE. slope.

53.50 Top of ascent from canyon, 240 ft. above the ¼ sec. cor., bears N. 30° W. and S. 30° E.; thence over rolling land.

73.00 Dim wagon road, bears N. and S.

10.22 The cor. of secs. 14, 15, 22, and 23,

Land, rolling and broken, with a general southeasterly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sage, oak, and service berry brush, weeds and grass.

Timber, aspen, spruce, limber pine, and fir.

Excellent grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Ascend gradual S. slope of rolling mountainous land, through medium dense timber and scattered short undergrowth.

11.00 Rolling top of bare spur, 60 ft. above cor., projects E.; descend gradual NE. slope.

28.90 Bottom of swale, 30 ft. below spur, drains E.; ascend gradual S. slope.

32.00 Rolling top of spur, 20 ft. above swale, bears W., and projects S. 70° E.; descend gradual NE. slope.

35.00 **Top** of abrupt descent over NE. slope, bears NW. and SE.

40.00 On NE. slope, 60 ft. below top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap marked



from which

A balsam, 18 ins. diam., bears N. 38° E., 53 lks. dist., marked ¼ S14 BT.

An aspen, 8 ins. diam., bears S. 68° W., 56 lks. dist., marked ¼ S15 BT.

46.40 The North Fork Muddy Creek, stream of good water, 15 lks. wide, 12 ins. deep, in bottom of canyon, 100 ft. below the ¼ sec. cor., flows SE.; thence through dense undergrowth of willows along bottom lands of creek.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

- 51.10 Leave dense willows and bottom lands of creek and ascend gradual SW. slope, through dense timber.
- 65.20 Slope changes from a SW. slope to a SE. slope.
- 80.00 On gradual SE. slope, 340 ft. above North Fork Muddy Creek. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, with brass cap marked

T20S	R4E
S10	S11
S15	S14
1939	

from which

An aspen, 10 ins. diam., bears N. 69° E., 27 lks. dist., marked T20S R4E S11 PT.

An aspen, 12 ins. diam., bears S. 77° E., 25 lks. dist., marked T20S R4E S14 PT.

An aspen, 8 ins. diam., bears S. 36° W., 22 lks. dist., marked T20S R4E S15 PT.

An aspen, 6 ins. diam., bears N. 42° W., 19 lks. dist., marked T20S R4E S10 PT.

Land, broken and mountainous, with a general easterly and southerly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. 89°59' E., on random line, bet. secs. 11 and 14.

40.00 Set temp. & sec. cor.

20.08 Intersect the N. and S. line, 5 lks. S. of the true point for the cor. of secs. 11, 12, 13, and 14, which is N. 0°01' W., 50 lks. dist. from the witness cor. to the cor. of said secs:

Thence, from the true point for cor.

S. 89°57' W., on true line, bet. secs. 11 and 14.

Along broken W. slope of high mountainous land, through scattered undergrowth.

0.30 Bottom of wash, 50 lks. wide, 20 ft. deep; drains S. 30° W.

23.60 Small stream of good water, flows S.

23.30 The S. edge of circular pond, 2.00 chs. in diameter.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

40.04 On gradual S. slope, 90 ft. below the true point for sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S11

S14.

1939

from which

An aspen, 10 ins. diam., bears S. 35° W., 393 lks. dist., marked $\frac{1}{4}$ S14 BT.

An aspen, 10 ins. diam., bears N. 57° W., 351 lks. dist., marked $\frac{1}{4}$ S11 BT.

From this cor., the center of dam in the SE. end of reservoir, bears S. $20^{\circ}24'$ E., 16.64 chs. dist. Area of reservoir, about 5 acres.

40.10 Small stream of good water, flows S.

41.00 From this point, the center of circular lake, 4.00 chs. in diameter, bears South, 4.00 chs. dist.

42.10 Spur, 60 ft. high, projects S.; descend gradually along S. slope.

43.00 Forest Service trail and telephone line, bears N. 50° W. and S. 50° E.

44.00 The cor. of secs. 10, 11, 14, and 15, 60 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling and mountainous, with a general southerly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, and fir.

Excellent grazing land.

N. $0^{\circ}01'$ W., bet. secs. 10 and 11.

Ascend gradual S. slope of high mountainous land, through patches of dense aspen timber and scattered short undergrowth.

47.30 Spur, 130 ft. above cor., projects SW., about 15.00 chs. dist., thence S.; from this point, the center of small lake, 4.00 chs. in diameter, bears N. 74° E., 5.00 chs. dist.; thence ascend gradual S. slope.

48.25 Forest Service trail, bears NW. and SE.

49.10 Forest Service telephone line, bears NW. and SE.

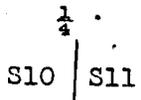
50.30 Small spur, projects SW.; continue ascent over S. slope.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

40.00 On gradual S. slope, 260 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1939

from which

A limber pine, 18 ins. diam., bears N. 20° E., 99 lks. dist., marked $\frac{1}{4}$ S11 ET.

A limber pine, 20 ins. diam., bears N. 67°30' W., 109 lks. dist.; marked $\frac{1}{4}$ S10 ET.

43.80 Small stream of good water, flows NW.

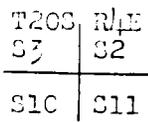
47.00 Center of small dry lake bed, bears West, 2.00 chs. dist.

72.60 Spur, 150 ft. above the $\frac{1}{4}$ sec. cor.; projects S. 70° W.; thence over rolling land.

79.30 Small stream of good water; flows W., from a large reservoir to the E.

80.00 On rolling land, 160 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 7 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap marked



1939

from which

An aspen, 8 ins. diam., bears N. 32°30' E., 177 lks. dist., marked T20S R4E S2 ET.

A balsam, 24 ins. diam., bears S. 22° E., 196 lks. dist., marked T20S R4E S11 ET.

A spruce, 8 ins. diam., bears S. 55°45' W., 212 lks. dist., marked T20S R4E S10 ET.

A limber pine, 18 ins. diam., bears N. 9°45' W., 107 lks. dist., marked T20S R4E S3 ET.

Land, rolling and mountainous, with a general southerly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, balsam, and limber pine.

Excellent grazing land.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

- N. 89°57' E., on random line, bet. secs. 2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 50.16 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 1, 2, 11, and 12.
Thence:
S. 89°52' W., on true line, bet. secs. 2 and 11.
Descend gradual S.W. slope of high mountainous land, thru dense timber and scattered undergrowth.
- 18.00 Center of small circular lake, 3.00 chs. in diameter, bears North, 4.00 chs. dist.
- 21.80 Spur, 50 ft. below sec. cor., projects S.; descend gradual W. slope.
- 23.30 Base of descent, 30 ft. below spur, bears NE. and SW.; ascend gradual E. slope.
- 32.20 Spur, 30 ft. above base of descent, projects S. 70° W.; descend gradual NW. slope.
- 40.08 On gradual NW. slope, 20 ft. below spur.
Set an iron post, $\frac{3}{4}$ ft. long, 1 in. diam., 30 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
 $\frac{1}{4}$ S2
S11
1939
from which
An aspen, 10 ins. diam., bears N. 15° E., 49 lks. dist., marked $\frac{1}{4}$ S2 BT.
An aspen, 7 ins. diam., bears S. 2° E., 36 lks. dist., marked $\frac{1}{4}$ S11 BT.
- 54.60 Enter dry bottom lands of Spinner's Reservoir, bears NE. and SW.; thence across bottom of reservoir which is dry at this time of the year.
- 71.70 Earth dam at W. side of reservoir, 15 ft. high, bears N. 35° W., 5.60 chs. dist., and S. 35° E., 2.20 chs. distance E., 3.00 chs. dist.
- 77.80 Small stream of good water from reservoir, flows S. 80°
- 78.13 The cor. of secs. 2, 3, 10, and 11.
Land, rolling and mountainous, with a general southerly exposure and drainage.
Soil, shallow clay and gravel; 3rd rate.
Undergrowth, sage, and buck brush, weeds, and grass.
Timber, aspen, spruce, fir, and limber pine.
Exceedingly good grazing land.

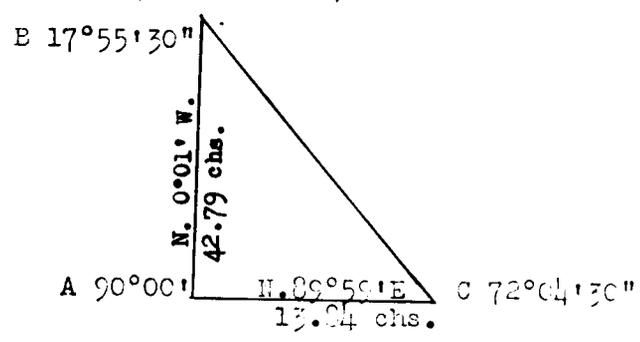
SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

N. 0°01' W., on random line, bet. secs. 2 and 3.

35.00

Base of ledges on S. face of high ridge from Heliotrope Mountain, over which it is impracticable to chain, therefore determine the distance by triangulation as follows Erect flag A at the cor. of secs. 2, 3, 10, and 11, and flag B on line to the N. From A, survey base line, 43, N. 89°59' E., 13.84 chs. dist., the mean of two measurements. The following angles were checked by repetition. A is 90°00'; C is 72°04'30"; B is 17°55'30". Vertical angle from A to B is plus 14°30'.



Distance by triangulation, 42.79 chs.

40.00

True point for the temp. $\frac{1}{4}$ sec. cor. falls on face of ledge.

42.79

To point B of triangulation; set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

80.00

Set temp. lot cor.

80.82

Intersect the N. bdy. of the township, 5 lks. E. of the cor. of secs. 2, 3, 34, and 35, an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 19 S., R. 4 E., Group 39, Utah.

Thence:

S. 0°03' E., on true line, bet. secs. 2 and 3.

Ascend abrupt N. slope of high ridge from Heliotrope Mountain, through very dense timber and scattered undergrowth.

8.82

On N. slope, 40 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top for cor. of lots 1 and 8, sec. 3, and lots 4 and 5, sec. 2, with brass cap marked.

T20S R4E
 1 | 4
 S3 — S2
 8 | 5

1939

from which

A spruce, 14 ins. diam., bears N. 45°30' E., 105 lks. dist., marked LCT 4 S2 BT.

A balsam, 8 ins. diam., bears S. 68° E., 156 lks. dist., marked LCT 5 S2 BT.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

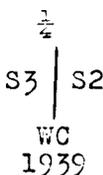
A balsam, 6 ins. diam., bears S. 42° W., 50 lks. dist., marked LCT 3 S3 BT.

A spruce, 2 1/2 ins. diam., bears N. 85° W., 186 lks. dist., marked LCT 1 S3 BT.

26.30 Top of high spur ridge from Heliotrope Mountain, 130 ft. above lot cor., bears N. 75° W. and S. 75° E.; S. slope.

35.52 On abrupt ledgy S. slope, 340 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the 1/4 sec. cor. secs. 2 and 3, with brass cap marked



from which

A limber pine, 4 1/2 ins. diam., bears N. 68° W., 213 lks. dist., marked WC 1/4 S3 BT.

No other bearing tree available.

46.03 Top of inaccessible limestone ledges, faces S. and bears NW. and SE.; thence by triangulation over ledges.

47.32 True point for the 1/4 sec. cor. falls on inaccessible face of ledge, where it is impracticable to set a cor.

53.30 Base of abrupt descent from ridge, bears NW. and SE.; thence descend gradual S. slope through dense timber.

70.60 Enter the N. edge of lake, bears E. 1.00 ch. dist., and W., 4.00 chs. dist.; thence across lake.

73.70 The S. edge of lake, bears E., 1.00 ch. dist., and W., 4.00 chs. dist.

77.32 The cor. of secs. 2, 3, 10, and 11, 730 ft. below top of ledges, and 1070 ft. below top of ridge.

Land, broken and mountainous; with a general northerly and southerly exposure and drainage.

Soil, shallow clay and slide rock; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine, on portions of hills.

Good grazing land.

From the cor. of secs. 26, 27, 34, and 35, heretofore described.

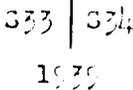
West, on a random governing section line, bet. secs. 27 and 34.

49.00 Set temp. 1/4 sec. cor.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

- 80.00 Set temp. cor. of secs. 27, 28, 33, and 34.
Thence, from the temp. cor. secs. 27, 28, 33, and 34.
S. 0°02' E., on random line, bet. secs. 33 and 34.
- 40.00 Set temp. 1/2 sec. cor.
- 80.43 Intersect the Fourth Standard Parallel South, at the standard cor. of secs. 33 and 34, heretofore described.
Thence:
N. 0°02' W., on true line, bet. secs. 33 and 34.
Descend gradual N. slope of high rolling mountainous land, through dense timber and scattered undergrowth.
- 21.50 Small stream of good water, flows N. 10° W.
- 26.70 Bend in same stream, flows N. 10° W. from S. 20° W.
- 40.43 On rolling N. slope, 300 ft. below the standard cor. of secs. 33 and 34.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/2 sec. cor., with brass cap marked

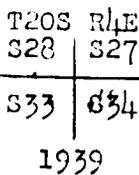


from which

An aspen, 10 ins. diam., bears N. 46° E., 100 lks. dist., marked 1/2 334 BT.

A spruce, 6 ins. diam., bears N. 34° W., 100 lks. dist., marked 1/2 333 BT.

- 43.50 Descent becomes gradual, bears E. and W.
- 48.00 Black Fork Creek, 5 lks. wide, 2 ins. deep, flows N. 10° E., 10.00 chs. dist., thence NE.
- 60.10 Low spur, projects N. 80° E.
- 61.30 Bir wagon road, bears N. 80° E. and S. 80° W.
- 76.20 Low spur, projects E.; descend gradual NW. slope.
- 80.43 On gradual NW. slope, 30 ft. below spur.
Set an iron post, 3 ft. long; 2 ins. diam., 30 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, with brass cap marked



from which

A limber pine, 18 ins. diam., bears N. 44°30' E., 1 1/4 lks. dist., marked T20S R4E S27 BT.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

An Alpine fir, 9 ins. diam., bears S. 63°45' E., 27 lks. dist., marked T20S R4E S34 BT.

A spruce, 20 ins. diam., bears S. 55° W., 50 lks. dist., marked T20S R4E S33 BT.

A limber pine, 20 ins. diam., bears N. 82° W., 55 lks. dist., marked T20S R4E S28 BT.

Land, rolling and mountainous, with a general northerly exposure and drainage.

Soil, shallow dark mountain loam; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

From the cor. of secs. 26, 27, 34, and 35.

West, on a true governing section line, bet. secs. 27 and 34.

Along rolling N. slope of high mountainous land, through clumps of dense timber and scattered undergrowth.

0.70 Small stream of good water in bottom of shallow ravine, flows N.

11.50 Small stream of good water, flows N.

22.70 Small stream of good water in bottom of grassy ravine, flows N.; ascend gradual NE. slope.

36.40 Small stream of good water in bottom of grassy ravine, flows N.

40.00 On gradual NE. slope, 50 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S27

1/4 S34

1939

from which

An aspen, 10 ins. diam., bears S. 82°30' W., 138 lks. dist., marked 1/4 S34 BT.

An aspen, 10 ins. diam., bears N. 18° W., 82 lks. dist., marked 1/4 S27 BT.

44.60 White limestone spur, 60 ft. above the 1/4 sec. cor., projects N. 10° E.

56.90 Center of small grassy swamp and clump of dense willows, 1.50 chs. in diameter.

61.40 Black Fork Creek, 3 lks. wide, 4 ins. deep, in ravine, 50 ft. deep, flows N. 25° E.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

63.20 Improved Forest Service road, bears N. 80° W. and S. 80° E.
 65.60 The center of a small fenced Forest Service test plot, bears South, 1.30 chs. dist.
 68.10 Spur, 130 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend gradual NW. slope.
 80.00 The cor. of secs. 27, 28, 33, and 34, 40 ft. below spur.
 Land, rolling and mountainous, with a general northerly and northeasterly exposure and drainage.
 Soil, shallow dark mountain loam and clay; 3rd rate.
 Undergrowth, sagebrush, weeds, and grass.
 Timber, aspen, spruce, fir, and limber pine.
 Excellent grazing land.

N. 0°02' W., bet. secs. 27 and 28.

Descend gradual NW. slope of rolling mountainous land, through dense timber and scattered undergrowth.

4.90 Mill Fork Creek, 6 lks. wide, 8 ins. deep, in ravine, 50 ft. below cor., flows N. 30° E.; ascend gradual SE. slope.

3.50 Low spur, 50 ft. above stream, projects N. 60° E.; continue gradual ascent over rolling SE. slope.

17.50 Spur, 70 ft. above stream, projects E.; descend gradual N. slope.

20.70 Bottom of small swale, drains E.

25.00 Wagon road, bears E. and W.

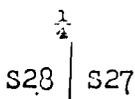
25.80 Fish Creek, 10 links wide, 12 ins. deep, in wide grassy swale, 30 ft. below spur, flows SE., about 20.00 chs. dist. to its junction with Mill Fork Creek, at which point, both streams form the head of South Fork Muddy Creek.

27.00 Canal, 10 lks. wide, 2 ft. deep, drains E., and starts at Fish Creek, about 4.00 chs. to the W.

29.70 Bend in improved Forest Service road, bears NE. and SE.; thence along rolling general E. slope.

40.00 On rolling E. slope, 80 ft. above Fish Creek.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1939

from which

An Alpine fir, 8 ins. diam., bears S. 18°30' E., 72 lks. dist., marked $\frac{1}{4}$ S27 BT.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

An Alpine fir, 8 ins. diam., bears S. 28°45' W., 55 lks. dist., marked $\frac{1}{2}$ S23 BT.

From this cor., the center of a small dry lake bed, 1.00 ch. in diameter, bears S. 60° E., 3.50 chs. dist.

- 46.20 The E. end of a small elongated basin bearing E. and W.
- 53.20 The E. end of a small elongated basin bearing E. and W.
- 58.60 Old wagon road, bears NE. and SW.
- 63.70 Low ridge, 50 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradually along NE. slope.
- 65.20 Improved Forest Service road, bears NW. and SE.
- 66.90 Recross road, bears NE. and SW.
- 80.00 At the S.W. edge of grassy flat, 30 ft. below ridge.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, with brass cap marked

T20S	R4E
S21	S22
S28	S27

1939

from which

An aspen, 12 ins. diam., bears N. 36°30' E., 240 lks. dist., marked T20S R4E S22 BT.

An aspen, 12 ins. diam., bears S. 5° E., 287 lks. dist., marked T20S **R4E** S27 BT.

An aspen, 12 ins. diam., bears S. 66°30' W., 189 lks. dist., marked T20S R4E S28 BT.

An aspen, 12 ins. diam., bears N. 63°15' W., 123 lks. dist., marked T20S R4E S21 BT.

Land, rolling and mountainous, with a general easterly exposure and drainage.

Soil, shallow dark mountain loam, with a rocky surface; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

East, on random line, bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.96 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 22, 23, 26, and 27.

Thence:

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

S. $89^{\circ}57'$ W., on true line, bet. secs. 22 and 27.

Over rolling top of bench, through dense short undergrowth.

11.70 Top of W. rim of bench, bears N. and S.; descend gradual W. slope into Rochester Reservoir.

19.30 Center of irregular bottom of Rochester Reservoir, which is dry at this time of the year; from this point, the center of dam and outlet to reservoir, bears North, 2.50 chs. dist.; ascend gradual E. slope, through scattered clumps of timber.

39.98 On gradual E. slope, 100 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked

$$\begin{array}{r} S22 \\ \hline S27 \end{array}$$

1939

from which

An aspen, 6 ins. diam., bears N. 32° E., 112 lks. dist., marked S22 BT.An aspen, 7 ins. diam., bears S. 61° W., 61 lks. dist., marked S27 BT.

69.20 Ridge, 250 ft. above the sec. cor., bears N. and S.; descend gradual W. slope.

77.70 Bottom of grassy swale, 20 ft. below ridge, drains N.; ascend gradual E. slope.

79.00 Improved Forest Service road, bears N. and S.

79.96 The cor. of secs. 21, 22, 27, and 28, 20 ft. above swale.

Land, rolling and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, clumps of aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. $0^{\circ}02'$ W., bet. secs. 21 and 22.

Along general E. slope of rolling mountainous land, through dense timber and scattered undergrowth.

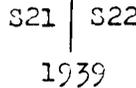
6.50 Improved Forest Service road, bears N. 30° W. and S. 30° E.

7.90 Center of small pole corral, bears East, 1.90 chs. dist.

9.60 Small stream of good water, flows S. 80° E., from spring which bears West, 40 lks. dist.

SUBDIVISION OF, T. 20 S., R. 4 E.

- Chains
- 10.50 Recross Forest Service road, bears N. 80° E. and S. 80° W.
 - 15.30 Small spring of good water flowing southeasterly, bears East, 60 lks. dist.
 - 24.00 Low spur, 30 ft. above sec. cor., projects E.; descend gradual N. slope.
 - 34.60 Small stream of good water in grassy swamp, 100 ft. below spur, flows E., and heads at spring, 2.00 chs. W.; ascend gradual SE. slope.
 - 40.00 On gradual SE. slope, 30 ft. above stream.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked



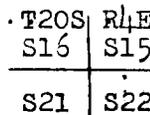
from which

An Alpine fir, 7 ins. diam., bears S. 34° 30' E., 113 lks. dist., marked S22 BT.

An Alpine fir, 7 ins. diam., bears S. 20° 15' W., 143 lks. dist., marked S21 BT.

From this cor., a clump of willows in small grassy swamp, bears East, 7.00 chs. dist.

- 48.60 Spur, 40 ft. above the 1/2 sec. cor., projects E.; descend gradual NE. slope.
- 55.20 Small stream of good water in bottom of grassy draw, 40 ft. below spur, flows E.; thence across grassy swamp and through dense clump of willows.
- 52.20 Leave swamp and willows, bears E. and W.; ascend gradual SE. slope.
- 60.90 Improved Forest Service road, bears NW. and SE.
- 64.20 From this point, Beaver Spring, which flows about 1/2 second foot of water, bears East, 1.90 chs. dist.
- 62.30 Recross Forest Service road, bears NE. and SW.
- 80.00 On general SE. slope, 130 ft. above stream.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, with brass cap marked



1939

from which

An aspen, 8 ins. diam., bears N. 20° E., 46 lks. dist., marked T20S R4E S15 BT.

SUBDIVISION OF T10 20 S1/4 R14 E.

- Aspen, 8 ins. diam., bears S. 27° E., 22 lks. dist., marked T20S R14E S22 BT.
- Aspen, 6 ins. diam., bears S. 72° W., 21 lks. dist., marked T20S R14E S21 BT.
- An aspen, 10 ins. diam., bears N. 24° W., 25 lks. dist., marked T20S R14E S16 BT.

Land, rolling and mountainous, with a general easterly and southeasterly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce, fir, aspen, limber pine.

Excellent grazing land.

- 40.00 Set temp. & sec. cor.
- 79.80 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 14, 15, 22, and 23.
- Thence:
- S. 89°53' W., on true line, bet. secs. 15 and 22.
- Ascend gradually along rolling S. slope of mountainous land, through dense timber and scattered undergrowth.
- 18.80 Spur, 140 ft. above cor., slopes SE.; thence descend gradual SW. slope.
- 32.50 Small stream of good water in bottom of ravine, 40 ft. above spur, flows SE.; ascend gradual NE. slope.
- 39.90 On gradual SE. slope, 110 ft. above ravine.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/2 sec. cor., with brass cap marked

S15
 S22

1939

from which

- An aspen, 8 ins. diam., bears S. 7°30' W., 208 lks. dist., marked 1/2 S22 BT.
- A spruce, 30 ins. diam., bears N. 73° W., 133 lks. dist., marked 1/2 S15 BT.
- 66.90 Ravine, 220 ft. above the 1/2 sec. cor., drains S. 30° E.; ascend gradual NE. slope.
- 69.00 Small spur, 50 ft. above ravine, slopes SE.; ascend gradual SE. slope.
- 78.20 Improved Forest Service road, bears N. and S.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

78.70 The S. edge of a sink hole, 10 ft. deep, 50 lks. in diam.

79.80 The cor. of secs. 15, 16, 21, and 22, 40 ft. above spur.

Land, rolling and mountainous, with a general southeast exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sage and service berry brush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. 0°02' W., bet. secs. 15 and 16.

Over rolling SE. slope of mountainous land, through clumps of dense timber and scattered undergrowth.

4.70 The E. edge of a small grassy swamp.

9.10 Improved Forest Service road, bears N. 30° W. and S. 30°

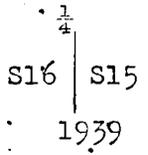
13.50 The W. edge of a circular basin, about 4.00 chs. in diam.

15.40 Recross Forest Service road, bears N. 70° E. and S. 70° W. continue ascent over general SE. slope.

27.30 Spur, 180 ft. above cor., projects N. 70° E.; continue ascent over SE. slope.

40.00 On SE. slope, 60 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor., with brass cap marked



from which

An aspen, 9 ins. diam., bears S. 46°45' E., 120 lks. dist., marked 1/4 S15 BT.

A limber pine, 3 ins. diam., bears N. 30° W., 114 lks. dist., marked BT.

42.50 Top of ascent, 10 ft. above the 1/4 sec. cor., bears E. and W.; descend gradual NE. slope through dense timber.

49.80 Forest Service road, bears N. 60° W. and S. 60° E.

55.90 Small stream of good water, in deep ravine, 100 ft. below top of ascent, flows E., and heads W., about 7.00 chs. dist. at Bear Spring; ascend steep S. slope.

61.30 Top of ascent, 80 ft. above stream, bears E. and W.; descend gradual N. slope.

65.20 Small ravine, 30 ft. below top of ascent, drains N. 80° E. ascend SE. slope.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

- 72.60 Top of abrupt descent over steep broken N. slope, 30 ft. above ravine, bears E. and W.
- 74.90 Head of rocky limestone gulch, 90 ft. below top of above descent, drains E.; ascend along broken rocky E. slope of limestone and clay breaks.
- 80.00 On rocky E. slope of breaks, 60 ft. above gulch.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, with brass cap marked

T20S	R4E
S9	S10
S16	S15

1939

from which

A spruce, 8 ins. diam., bears N. 61° E., 59 lks. dist., marked T20S R4E S10 BT.

A spruce, 8 ins. diam., bears S. 35° E., 53 lks. dist., marked T20S R4E S15 BT.

An Alpine fir, 6 ins. diam., bears S. 22° W., 23 lks. dist., marked T20S R4E S16 BT.

A limber pine, 10 ins. diam., bears N. 50° W., 70 lks. dist., marked T20S R4E S9 BT.

Land, mountainous, with a general easterly exposure and drainage.

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, fir, spruce, and limber pine.

Excellent grazing land.

N. $89^{\circ}53'$ E., on random line, bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect the cor. of secs. 10, 11, 14, and 15.

Thence:

S. $89^{\circ}53'$ W., on true line, bet. secs. 10 and 15.

Descend gradual SW. slope of rolling mountainous land, through dense timber and scattered undergrowth.

26.40 North Fork Muddy Creek, 12 lks. wide, 6 ins. deep, in bottom of canyon, 170 ft. below cor., flows S. 20° E.; ascend abrupt broken NE. slope.

28.70 Small stream of good water, flows NE., 2.00 chs. dist. to its junction with the North Fork Muddy Creek.

39.90 On broken NE. slope, 180 ft. above the North Fork Muddy Creek.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{\$10}{\$15}$

1939

from which

An Alpine fir, 9 ins. diam., bears N. $47^{\circ}30'$ E., 23 lks. dist., marked $\frac{1}{4}$ S10 BT.

A spruce, 7 ins. diam., bears S. 45° W., 29 lks. dist., marked $\frac{1}{4}$ S15 BT.

42.00 Small spring of good water, bears South, 30 lks. dist.

48.40 Slope changes from a gradual SE. slope to an abrupt E. slope.

53.40 Small spring of good water at the N. edge of a small circular swamp, bears South, 20 lks. dist.

79.80 The cor. of secs. 9, 10, 15, and 16, 640 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling and mountainous, with a general easterly and southeasterly exposure and drainage.

Soil, shallow gravel and rock; 4th rate...

Undergrowth, sage, service berry, and buck brush, weeds and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. $0^{\circ}02'$ W., bet. secs. 9 and 10.

Descend gradually along broken E. slope of high mountainous land, through dense timber and scattered undergrowth.

40.00 On gradual E. slope, 90 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S9 | S10

1939

from which

A spruce, 14 ins. diam., bears N. 78° E., 14 lks. dist., marked $\frac{1}{4}$ S10 BT.

An Alpine fir, 14 ins. diam., bears N. 65° W., 11 lks. dist., marked $\frac{1}{4}$ S9 BT.

Thence descend gradual NE. slope.

-SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

- 65.30 The North Fork Muddy Creek, 12 lks. wide, 6 ins. deep, 250 ft. below the $\frac{1}{4}$ sec. cor., in a wide open draw, flows E.; ascend rocky S. slope.
- 69.00 Low rolling white limestone spur, 70 ft. above creek, projects E.; descend gradual NE. slope.
- 74.20 Small stream of good water, in draw, 20 ft. below spur, flows SE., about 12.00 chs. dist. to its junction with the North Fork Muddy Creek; ascend gradual SW. slope.
- 78.60 Forest Service trail, bears N. 60° W. and S. 60° E.
- 79.40 Forest Service telephone line, bears NW. and SE.
- 80.00 On gradual SW. slope, 30 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, with brass cap marked

T20S	R4E
S4	S3
S9	S10

1939

from which

An Alpine fir, 14 ins. diam., bears N. 57° E., 47 lks. dist., marked T20S R4E S3 ET.

A spruce, 7 ins. diam., bears S. 47° E., 29 lks. dist., marked T20S R4E S10 ET.

A limber pine, 36 ins. diam., bears S. 9° W., 19 lks. dist., marked T20S R4E S9 ET.

A limber pine, 12 ins. diam., bears N. 17° W., 40 lks. dist., marked T20S R4E S4 ET.

Land, rolling and mountainous, with a general northeasterly and southwesterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. $89^{\circ}53'$ E., on random line, bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect the N. and S. line, 20 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence:

N. $89^{\circ}58'$ W., on true line, bet. secs. 3 and 10.

Descend gradually along S. slope of high mountainous land, through dense timber and scattered undergrowth.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

- 4.50 Small stream of good water, in bottom of small ravine, flows S. 20° E., 80 lks. dist. to junction with stream from reservoir flowing S. 60° W.; continue along gradual S. slope.
- 25.20 Small stream of good water, in grassy marsh, flows South, 1.50 chs. dist., thence SW.
- 38.90 Small seep of good water, bears South, 1.00 chs. dist.
- 39.94 On general S. slope, 90 ft. below sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S3}{S10}$

1939

from which

An Alpine fir, 5 ins. diam., bears S. 57° W., 45 lks. dist., marked $\frac{1}{4}$ S10 BT.

An Alpine fir, 9 ins. diam., bears N. 59°15' W., 132 lks. dist., marked $\frac{1}{4}$ S3 BT.

- 50.20 Small stream of good water, flows SW.
- 61.40 Small spring of good water, in grassy ravine, flowing S. 30° W., bears South, 2.00 chs. dist.
- 79.88 The cor. of secs: 3, 4, 9, and 10, 120 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling and mountainous, with a general southerly exposure and drainage.

Soil, shallow dark mountain loam; 3rd rate.

Undergrowth, sagebrush and weeds.

Timber, aspen, fir, and spruce.

Excellent grazing land.

N. 0°04' W., on random line, bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

00.00 Set temp. lot cor.

00.68 Intersect the N. bdy. of the township, 16 lks. E. of the cor. of secs. 3, 4, 33, and 34, an iron post, 3 ins. diam. set, marked, and witnessed; as described in the official record of the survey of T. 19 S., R. 4 E., Group 39, Utah.

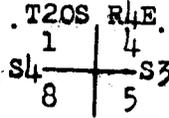
Thence:

S. 0°10' E., on true line, bet. secs. 3 and 4.

Descend abruptly over broken SW. slope of Haldetrope Mountain, through medium dense timber and scattered undergrowth.

SUBDIVISION OF T. 20 S. R. 4 E.

3.68 On broken SW slope, 100 ft. below cor.,
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for cor. of lots 4 and 5, sec. 3, and lots 1 and
8, sec. 4, with brass cap marked



1939

from which

An alpine fir, 12 ins. diam., bears N. 24° E., 137 lks.
dist., marked LOT 4 S3 BT.

A limber pine, 12 ins. diam., bears S. 46° E., 147 lks.
dist., marked LOT 5 S3 BT.

A limber pine, 8 ins. diam., bears S. 23° W., 85 lks.
dist., marked LOT 8 S4 BT.

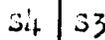
Aspruce, 14 ins. diam., bears N. 40° W., 20 lks.
dist., marked LOT 1 S4 BT.

19.20 Spur, slopes S. 20° W.; continue descent.

30.20 Small ravine, drains S. 30° W.; continue descent over SW
slope.

48.68 On SW slope, 440 ft. below the lot cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground, for sec. cor., with brass cap marked



1939

from which

An aspen, 24 ins. diam., bears S. 6°15' E., 134 lks.
dist., marked 1/4 S3 BT.

An aspen, 12 ins. diam., bears S. 57°45' W., 57 lks.
dist., marked 1/4 S4 BT.

50.60 Small spring of good water, bears East, 15 lks. dist.

52.30 Ravine, drains SW; continue descent over SW slope.

66.90 From this point, the outlet and center of dam at the S. end
of Emery reservoir, bears S. 77°30' W., 23.00 chs. dist.

88.68 The cor. of secs. 3, 4, 9, and 10, 330 ft. below the
1/4 sec. cor.

Land, high and mountainous, with a general southwesterly
exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th
rate.

Undergrowth, sage, service berry, and buck brush, weeds,
and grass.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains		Sections
	Timber, aspen, spruce, fir, and limber pine	60.8
	Excellent grazing land.	
	From the cor. of secs. 27, 28, 32, and 34, West, on a random governing section line, bet. secs. 28 and 33.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.00	Set temp. cor. secs. 28, 29, 32, and 33. From the temp. cor. secs. 28, 29, 32, and 33. S. $0^{\circ}03'$ E., on random line, bet. secs. 32 and 33.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.12	Intersect the Fourth Standard Parallel South, 8 lks. W. of the standard cor. of secs. 32 and 33, heretofore described. Thence: N. $0^{\circ}03'$ W., on true line, bet. secs. 32 and 33. Descend abrupt NW. slope of high mountainous land, thro dense timber and scattered undergrowth.	
17.10	Small stream of good water, drains N. 20° W.	
23.00	Slope changes from an abrupt NW. slope to an abrupt N.	
40.06	On abrupt N. slope, 700 ft. below the standard cor. of secs. 32 and 33. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in t ground to solid rock and in a large mound of stone to t for $\frac{1}{4}$ sec. cor., with brass cap marked	
	$\frac{1}{4}$ S32 S33 1939	
		from which
	A spruce, 14 ins. diam., bears N. 57° E., 42 lks. dist., marked $\frac{1}{4}$ S33 BT.	
	A spruce, 10 ins. diam., bears N. 27° W., 56 lks. dist., marked $\frac{1}{4}$ S32 BT.	
42.30	Mill Fork Creek, 6 lks. wide, 4 ins. deep, at base of descent, 20 ft. below the $\frac{1}{4}$ sec. cor., flows E.; thence over rolling land.	
48.80	Stream of good water; 6 lks. wide, 3 ins. deep, flows SE.; ascend gradual SE. slope.	
80.12	On gradual SE. slope, 170 ft. above stream: Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in t ground, for cor. of secs. 28, 29, 32, and 33, with brass cap marked	

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

T20S	R4E
S29	S28
S32	S33

1939

from which

An aspen, 9 ins. diam., bears N. 18° E., 8 lks. dist., marked T20S R4E S28 BT.

An aspen, 9 ins. diam., bears S. 1° E., 13 lks. dist., marked T20S R4E S33 BT.

An aspen, 9 ins. diam., bears S. 72° W., 22 lks. dist., marked T20S R4E S32 BT.

An aspen, 9 ins. diam., bears N. 55° W., 23 lks. dist., marked T20S R4E S29 BT.

Land, high and mountainous, with a general northerly and southerly exposure and drainage.

Soil, shallow dark mountain loam; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, and fir.

Exceedingly good grazing land.

From the cor. of secs. 27, 28, 33, and 34.

West, on a true governing section line, bet. secs. 28 and 33.

Descend gradual NW. slope of high mountainous land, through medium dense timber and scattered undergrowth.

5.90 Mill Park Creek, 6 lks. wide, 6 ins. deep, flows NE., in bottom of ravine, 30 ft. below cor.; ascend gradual SE. slope.

15.00 End in Mill Park Creek, flows S. 60° E. from S. 20° W., bears South of line, 40 lks. dist.

39.96 On gradual SE. slope, 150 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S28
$\frac{1}{4}$
S33

1939

from which

An aspen, 9 ins. diam., bears S. 70°15' W., 203 lks. dist., marked $\frac{1}{4}$ S33 BT.

A limber pine, 18 ins. diam., bears N. 4° W., 170 lks. dist., marked $\frac{1}{4}$ S28 BT.

SUBDIVISION OF T. 20 S., R. 4 E.

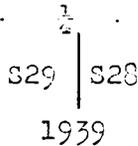
Chains

- 70.80 Spur, 230 ft. above the $\frac{1}{4}$ sec. cor., slopes S. 30° E.; and bears N., 5.00 chs. dist. to its junction with ridge bearing E. and W.; ascend gradually along S. slope.
- 76.30 Head of draw, drains S. 10° E.; ascend steep SE. slope
- 76.50 From this point, a spring of good water, bears South, about 6.00 chs. dist.
- 79.92 The cor. of secs. 28, 29, 32, and 33, 50 ft. above spur
 Land, high and mountainous, with a general easterly and southeasterly exposure and drainage.
 Soil, shallow dark mountain loam, with a rocky surface 3rd rate.
 Undergrowth, sagebrush, weeds, and grass.
 Timber, aspen, spruce, fir, and limber pine.
 Excellent grazing land.

N. 0°03' W., bet. secs. 28 and 29.

Ascend gradually over broken SE. slope of high mountainous land, through medium dense timber and scattered undergrowth.

- 19.40 Ridge, 120 ft. above cor., slopes E. and bears W.; descend abrupt NE. slope.
- 25.00 Descent becomes gradual, bears NW. and SE.
- 40.00 On gradual NE. slope, 200 ft. below top of ridge.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A balsam, 5 ins. diam., bears N. 73° E., 14 lks. dist., marked $\frac{1}{4}$ S28 BT.
- An aspen, 8 ins. diam., bears S. 36° W., 61 lks. dist., marked $\frac{1}{4}$ S29 BT.
- 49.50 South Fork of Fish Creek, 10 lks. wide, 3 ins. deep, in draw, 130 ft. below the $\frac{1}{4}$ sec. cor., flows E.; thence over rolling land.
- 55.80 Fork of Fish Creek, 7 lks. wide, 3 ins. deep, flows SE.; ascend gradual SE. slope.
- 65.00 Spur, 60 ft. above last creek, projects S. 60° E.; descend gradual NE. slope.
- 71.50 Draw, 80 ft. below spur, drains SE.; thence over rolling land.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

78.20 Fork of Fish Creek, 5 lks. wide, 2 ins. deep, flows SE.

80.00 On gradual E. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T20S R4E
S20 S21

S29 S28

1939

from which

An aspen, 8 ins. diam., bears N. 13°15' E., 88 lks. dist., marked T20S R4E S21 PT.

An aspen, 10 ins. diam., bears S. 31°45' E., 76 lks. dist., marked T20S R4E S22 PT.

A limber pine, 2 1/2 ins. diam., bears S. 51°45' W., 162 lks. dist., marked T20S R4E S29 PT.

An aspen, 8 ins. diam., bears N. 52° W., 82 lks. dist., marked T20S R4E S20 PT.

Land, high and mountainous, with a general easterly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

East, on random line, bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect the N. and S. line, 21 lks. S. of the cor. of secs. 21, 22, 27, and 28.

Thence:

S. 89°51' W., on true line, bet. secs. 21 and 28.

Ascend gradual E. slope of high mountainous land, through dense timber and scattered undergrowth.

20.00 Top of ascent, 120 ft. above cor., bears N. and slopes S.; thence along rolling S. slope.

39.97 On rolling S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S21

S28

1939

Chains	From which	Remarks
	A limber pine, 15 ins. diam., bears S. 2° E., 7 lks. dist., marked $\frac{1}{4}$ S23 BT.	
	An aspen, 8 ins. diam., bears N. 0°15' W., 120 lks. dist., marked $\frac{1}{4}$ S21 BT.	
41.50	Old wagon road, bears N. 30° W. and S. 30° E.	
42.60	Small stream of good water, flows S.	
43.20	Small stream of good water, flows S.	
46.00	Small stream of good water, flows SE.	
47.20	Small stream of good water, flows SE.	
49.30	Small stream of good water, flows SE.	
71.50	Small stream of good water, flows SE.	
75.00	Low spur, projects S.	
77.00	The North Fork of Fish Creek, 4 lks. wide, 3 ins. deep, flows SE.	
78.04	The cor. of secs. 20, 21, 28, and 29, 50 ft. above the sec. cor.	
	Land, rolling and mountainous, with a general southerly and easterly exposure and drainage.	
	Soil, shallow gravel and clay, with a rocky surface; 4t rate.	
	Undergrowth, sagebrush, weeds, and grass.	
	Timber, aspen, spruce, fir, and limber pine.	
	Excellent grazing land.	
	<hr/>	
	N. 0°3' W., bet. secs. 20 and 21.	
	Over rolling mountain land, through dense timber and scattered undergrowth.	
13.00	The North Fork of Fish Creek, 3 lks. wide, 3 ins. deep, flows S. 20° E.	
17.20	Recross stream, flows SW. from N. 30° E.	
21.00	Base of gradual ascent over SE. slope of spur, bears NE. and SW.	
24.00	Spur, 260 ft. above sec. cor., projects NE.; descend gradual NE. slope.	
30.00	On NE. slope of spur, 20 ft. below top.	
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in ground, for sec. cor., with brass cap marked	

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

S20 | S21

1939

from which

A balsam, 6 ins. diam., bears S. 1°45' E., 155 lks. dist., marked $\frac{1}{4}$ S21 BT.

A spruce, 18 ins. diam., bears S. 62° W., 101 lks. dist., marked $\frac{1}{4}$ S20 BT.

47.40 An old saw mill site, bears West, 7.80 chs. dist.

57.00 Wash, 20 lks. wide, 8 ft. deep, in bottom of narrow ravine, drains S. 60° E.; ascend abrupt S. slope.

61.80 Old wagon road, bears N. 70° W. and S. 70° E.

66.10 From this point, outlet in dam at the E. end of reservoir, bears S. 53°24' W., 19.00 chs. Reservoir is well stocked with trout.

73.80 Ridge, 330 ft. above the $\frac{1}{4}$ sec. cor., bears W. and slopes E.; descend gradual N. slope.

78.70 Small seep of good water on line.

80.00 On gradual N. slope, 50 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T20S	R4E
S17	S16

S20	S21
-----	-----

1939

from which

A balsam, 24 ins. diam., bears N. 24° E., 59 lks. dist., marked T20S R4E S16 BT.

A balsam, 10 ins. diam., bears S. 21°30' E., 54 lks. dist., marked T20S R4E S21 BT.

A Douglas fir, 10 ins. diam., bears S. 79°30' W., 60 lks. dist., marked T20S R4E S20 BT.

A balsam, 8 ins. diam., bears N. 45°30' W., 49 lks. dist., marked T20S R4E S17 BT.

Land, rolling and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

SUBDIVISION OF T. 2 S., R. 4 E.

Chains	
	N. 89°51' E., on random line, bet. secs. 16 and 21.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect the N. and S. line, 16 lks. N. of the cor. of secs. 15, 16, 21, and 22.
	Thence:
	S. 89°58' W., on true line, bet. secs. 16 and 21.
	Ascend gradual NE. slope of rolling mountainous land, through dense timber and scattered undergrowth.
15.00	Low flat spur, projects SE.; continue ascent over NE. slope.
26.30	The SE. end of low spur from the NW., 150 ft. above cor descend gradually.
28.00	Small seep in bottom of draw, 30 ft. below spur, drains S. 70° E.; ascend gradual NE. slope.
39.96	On gradual NE. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \begin{array}{r} S16 \\ \hline S21 \end{array}$
	1939
	from which
	An aspen, 10 ins. diam., bears S. 41° E., 62 lks. dist., marked $\frac{1}{4}$ S21 BT.
	An aspen, 8 ins. diam., bears N. 25°30' W., 56 lks. dist., marked $\frac{1}{4}$ S16 BT.
47.00	Small stream of good water, flows NE. from the W.; thence along stream.
50.00	Leave stream, flows E. from the SW.
52.20	Recross stream, flows S. 20° E.
59.60	Recross stream, flows N. 70° E.
61.50	Recross stream, flows S. 75° E.
72.70	Rim of spur, bears SE. and NW.; thence ascend gradually.
79.92	The cor. of secs. 16, 17, 20, and 21, 520 ft. above the $\frac{1}{4}$ sec. cor.
	Land, high and mountainous, with a general easterly and northeasterly exposure and drainage.
	Soil, shallow gravel and clay, with a rocky surface; 4th rate.
	Undergrowth, sagebrush, weeds, and grass.
	Timber, aspen, spruce, fir, and limber pine.
	Excellent grazing land.

SUBDIVISION OF, T. 20 S., R. 4 E.

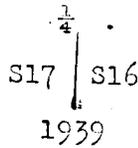
Chains

N. 0°03' W., bet. secs. 16 and 17.

Descend gradual NE. slope of high mountainous land, through dense timber and scattered undergrowth.

- 7.50 Top of abrupt descent, bears W. and SE.; descend abrupt broken N. slope.
- 14.00 Enter bottom of wide draw, 130 ft. below cor., bears NW. and SE., and drains SE.; thence over level bottom of draw.
- 26.00 Leave level bottom lands of draw, bears NW. and SE.; ascend abrupt rocky S. slope of Block Mountain.
- 40.00 On abrupt rocky S. slope, 230 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

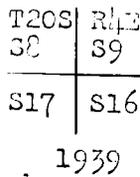
A balsam, 12 ins. diam., bears S. 70°30' E., 76 lks. dist., marked S16 BT.

A Douglas fir, 30 ins. diam., bears S. 15° W., 42 lks. dist., marked S17 BT.

- 48.10 Top of S. rim of Block Mountain, 200 ft. above the $\frac{1}{4}$ sec. cor., bears N. 70° E. and S. 70° W.; thence over nearly level top of mountain.

- 80.00 On rolling top of Block Mountain.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, with brass cap marked



from which

A spruce, 20 ins. diam., bears N. 70° E., 233 lks. dist., marked T20S R4E S9 BT.

A spruce, 8 ins. diam., bears S. 72°30' E., 228 lks. dist., marked T20S R4E S16 BT.

A limber pine, 12 ins. diam., bears S. 68° W., 128 lks. dist., marked T20S R4E S17 BT.

A spruce, 8 ins. diam., bears N. 38° W., 39 lks. dist., marked T20S R4E S8 BT.

Land, rough and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

Mile and

Undergrowth, sagebrush, weeds, and grass.
 Timber, aspen, spruce, fir, and limber pine.
 Excellent grazing land.

- N. 89°58' E., on random line, bet. secs. 9 and 16.
- 30.00 Set temp. & sec. cor.
- 79.96 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 9, 10, 15, and 16.
- Thence:
- S. 89°54' W., on true line, bet. secs. 9 and 16.
- Ascend abrupt E. slope of broken limestone and clay bre through dense timber and scattered undergrowth.
- 8.90 Top of W. rim of breaks, bears N. 70° E. and S. 70° W.; ascend gradually over rolling NE. slope.
- 19.60 Top of ascent, 180 ft. above cor., bears NW. and SE.; descend gradually.
- 22.40 Improved Forest Service road, bears N. 10° E. and S. 10° W. from this point, the center of circular lake, 4.00 chs. diameter, bears South, 11.20 chs. dist.
- 25.60 Draw, 50 ft. below top of ascent, drains S.; ascend gradually over broken E. slope.
- 39.92 On broken E. slope, 200 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in ground, for a sec. cor., with brass cap marked
- $$\frac{S9}{\frac{1}{4}}$$

S16

1939
- from which
- A spruce, 12 ins. diam., bears N. 39° E., 7 lks. dist., marked S9 BT.
- A spruce, 12 ins. diam., bears S. 75° E., 42 lks. dist., marked S16 BT.
- 43.60 The S. end of elongated basin, 5.00 chs. long.
- 51.70 Base of abrupt ascent over steep E. face of Block Mountain, bears N. and S.
- 69.60 Top of E. rim of Block Mountain, 680 ft. above the $\frac{1}{4}$ sec. cor., bears N. 20° E. and S. 20° W.; thence over rolling top of mountain.
- 79.96 The cor. of secs. 8, 9, 16, and 17.
- Land, broken and mountainous, with a general easterly exposure and drainage.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. $0^{\circ}03'$ W., bet. secs. 8 and 9.

Over rolling top of Block Mountain, through dense timber and scattered undergrowth.

3.60 Top of NW. rim of Block Mountain, bears NE. and SW.; descend abruptly over ledgy NW. slope of mountain.

35.60 Base of descent, 770 ft. below top of mountain, bears NE. and SW.; thence over rolling land.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 |
 S8 | S9

1939

from which

A balsam, 18 ins. diam., bears N. $60^{\circ}30'$ E., 15 $\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S9 PT.

A spruce, 24 ins. diam., bears N. 93° W., 20 lks. dist., marked $\frac{1}{4}$ S8 PT.

45.00 Stream of good water, 10 lks. wide, 4 ins. deep, flows N. 60° E.

52.00 Small stream of good water, flows NE.

62.00 Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains N. 60° E.; ascend gradual SE. slope.

71.20 Small seep, flows E.

72.60 Small seep, flows E.

76.70 Small stream of good water, flows E.

77.20 Small seep, flows E.

80.00 On steep SE. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T20S | R4E
S5	S4
 S8 | S9

1939

from which

Chains

A limber pine, 20 ins. diam., bears N. 70° E., 677 lks dist., marked T20S R4E S4 BT.

No other bearing tree available.

Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; 4t rate.

Undergrowth, sage and wild goose berry brush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. 89°54' E., on random line, bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 3, 4, 9, and 10.

Thence:

West, on true line, bet. secs. 4 and 9.

Descend gradual SW. slope of rolling mountainous land, through scattered patches of timber and scattered undergrowth.

0.35 Forest Service telephone line, bears N. 30° W. and S. 30° E.

1.70 Forest Service trail, bears NW. and SE.

9.00 Small stream of good water, flows SE. from reservoir to the NW.

14.50 Low limestone spur, projects SE.

24.30 The S. edge of a small circular grassy basin and swamp.

26.90 Low spur, projects S. 20° E.

28.40 The North Fork Muddy Creek, 8 lks. wide, 5 ins. deep, in grassy ravine, 120 ft. below sec. cor., flows SE.; thence ascend gradually through grassy marsh and willows.

37.10 Leave grassy marsh and all timber, bears N. and S.; ascend gradually.

40.05 On rolling land, 50 ft. above creek.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S4
 $\frac{1}{4}$
S9

1939

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

No bearing trees available.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

66.70 Improved Forest Service road, bears S. 10° W. and N. 10° E.

75.10 Small stream of good water in bottom of deep narrow ravine, flows SE.; ascend rocky E. slope.

78.90 Small stream of good water, flows SE.

80.10 The cor. of secs. 4, 5, 8, and 9, 330 ft. above the $\frac{1}{2}$ sec. cor.

Land, rolling and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine, on E. portion of mile.

Excellent grazing land.

N. 0°11' W., on random line, bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Set temp. lot cor.

88.65 Intersect the N. bdy. of the township, 10 lks. W. of the cor. of secs. 4, 5, 32, and 33, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 19 S., R. 4 E., Group 39, Utah.

Thence:

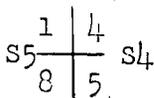
S. 0°07' E., on true line, bet. secs. 4 and 5.

Descend gradually along E. slope of high mountainous land, through dense timber and scattered undergrowth.

8.65 On gradual E. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 4 and 5, sec. 4, and lots 1 and 8, sec. 5, with brass cap marked

T20S R4E



1939

from which

A spruce, 24 ins. diam., bears N. 78° E., 71 lks. dist., marked LOT 4 S4 BT.

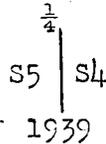
A spruce, 24 ins. diam.; bears S. 65°30' E., 65 lks. dist., marked LOT 5 S4 BT.

A spruce, 20 ins. diam., bears S. 34°30' W., 74 lks. dist., marked LOT 8 S5 BT.

A spruce, 15 ins. diam., bears N. 81° W., 42 lks. dist., marked LOT 1 S5 BT.

Chains

- 27.30 Slope changes from a gradual E. slope to a gradual SE slope.
- 32.70 Slope changes from a gradual SE. slope to a gradual NE. slope.
- 43.65 On gradual NE. slope, 100 ft. below cor. on the N. bdy. of the township.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- A limber pine, 15 ins. diam., bears N. 59° E., 333 lks. dist., marked $\frac{1}{4}$ S4 BT.
- An aspen, 10 ins. diam., bears N. 27° 30' W., 344 lks. dist., marked $\frac{1}{4}$ S5 BT.

Thence over open rolling NE. slope.

- 51.60 Small stream of good water, flows SE.
- 56.00 Improved Forest Service road; bears NW. and S. 30° E.
- 62.50 Improved Forest Service road, bears S. 80° W., and N. 80° E., 3.00 chs. dist. to junction with last road.
- 69.80 Head of wide draw, drains E.
- 73.70 Small stream of good water, flows S. 30° E.
- 80.00 Small stream of good water, flows SE.
- 81.50 Small stream of good water, flows E.
- 85.00 Top of ascent, 90 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradual SE. slope.
- 88.00 Small stream of good water, flows S. 50° E., in bottom of small ravine, drains S. 50° E.
- 89.40 Small stream of good water, flows S. 60° E.
- 89.65 The cor. of secs. 4, 5, 8, and 9, 50 ft. below top of ascent.

Land, rolling and mountainous, with a general easterly and northeasterly exposure and drainage.

Soil, shallow clay and gravel; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, and fir.

Excellent grazing land.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

From the standard cor. of secs. 31 and 32, on the S. bdy. of the township, heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Along broken E. slope of high mountainous land, through scattered clumps of timber and scattered undergrowth.

- 9.90 Small stream of good water, flows E.
- 26.00 The center of small circular pond of water, bears East, 3.40 chs. dist.
- 28.30 Slope changes from a gradual E. slope to a gradual NE. slope.
- 39.90 Small stream of good water, flows N. 30° E.
- 40.00 On gradual NE. slope, 190 ft. below the standard cor.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

S31	S32
-----	-----

1939

from which

A spruce, 10 ins. diam., bears S. 85° E., 110 lks. dist., marked S32 ET.

A Douglas fir, 24 ins. diam., bears N. 51° W., 61 lks. dist., marked S31 ET.

- 42.00 Small stream of good water, flows N. 30° E.
- 52.00 Center of small circular lake, 3.00 chs. in diameter.
- 56.50 Small stream of good water, in grassy marsh, flows E.
- 78.80 Small stream of good water in bottom of narrow ravine, flows E.
- 30.00 On broken SE. slope, same level as the $\frac{1}{2}$ sec. cor.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 29, 30, 31, and 32, with brass cap marked

T20S	R4E
S30	S29

S31	S32
-----	-----

1939

from which

A spruce, 15 ins. diam., bears N. 32° E., 180 lks. dist., marked T20S R4E S29 ET.

A spruce, 30 ins. diam., bears S. 17° E., 151 lks. dist., marked T20S R4E S32 ET.

A spruce, 15 ins. diam., bears S. 34°30' W., 205 lks. dist., marked T20S R4E S31 ET.

SUBDIVISION OF T. 20S. R. 10E.

Chains

A spruce, 15 ins. diam., bears N. 57° 30' E., 115 ft. dist., marked T20S R10E S30 BT.

Land, high and mountainous, with a general easterly exposure and drainage.

Soil, shallow gravel and clay, with a rocky surface; low rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce, fir, and aspen.

Excellent grazing land.

East, on random line, bet. secs. 29 and 32.

10.00 Set temp. sec. cor.

10.00 Intersect the cor. of secs. 29, 29, 32, and 33.

Thence:

West, on true line, bet. secs. 29 and 32.

Ascend steep SE. slope of high mountainous land, through dense timber and scattered undergrowth.

16.00 Timber becomes scattered and ascent gradual, bears NE. and S.W.

20.00 On gradual SE. slope, 610 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked

S29
—
S32

1939

from which

A timber pine, 8 ins. diam., bears N. 50° 30' E., 173 ft. dist., marked S29 BT.

No other bearing tree available.

27.00 Top of ascent, 60 ft. above the $\frac{1}{2}$ sec. cor., bears N. and S.; descend gradual SW. slope.

31.00 Crossy ravine, 120 ft. below the $\frac{1}{2}$ sec. cor., drains S. ascend gradual E. slope.

34.00 Small spur, 30 ft. above ravine, slopes SE.; descend S.W. slope.

37.00 Small draw, 20 ft. below spur, drains S.; ascend SE. slope.

38.00 The cor. of secs. 29, 30, 31, and 32, 30 ft. above draw.

Land, high and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; low rate.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

Undergrowth, sagebrush, servicer berry, weeds, and grass.
 Timber, aspen, spruce, fir, and limber pine.
 Excellent grazing land.

West, on random line, bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

55.03 Intersect the W. bdy. of the township, 22 lks. S. of the cor. of secs. 25, 30, 31, and 36, an iron post, $\frac{3}{4}$ ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah.

Thence:

S. $89^{\circ}46'$ E., on true line, bet. secs. 30 and 31.

Descend abrupt E. slope of high mountainous land, through scattered short undergrowth.

9.00 Enter bottom of wide swale, 200 ft. below cor., drains South, about 4.00 chs. dist. to the N. edge of circular lake, containing about 7 $\frac{1}{2}$ acres; thence across bottom of swale.

13.50 The E. edge of swale, bears N. and S.; ascend steep W. slope through dense timber.

15.03 On steep W. slope, 50 ft. above bottom of swale.

Set an iron post, $\frac{3}{4}$ ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{2}$ sec. cor., with brass cap marked

330

331

1939

from which

A spruce, 20 ins. diam., bears S. 35° E., 22 lks. dist., marked $\frac{1}{2}$ 331 FT.

A limber pine, 12 ins. diam., bears N. 25° W., 67 lks. dist., marked $\frac{1}{2}$ 330 FT.

24.00 Top of W. rim of wide divide ridge which forms the rim of the Great Salt Lake Basin, 130 ft. above the $\frac{1}{2}$ sec. cor., bears N. and S.; thence over rolling top of divide.

32.60 Top of E. rim of divide ridge, bears N. 20° E. and S. 20° W.; descend steep ledgy SE. slope.

55.03 The cor. of secs. 29, 30, 31, and 32, 390 ft. below rim of divide ridge.

Land, broken and rolling, with a general easterly and westerly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Chains

Undergrowth, sagebrush, weeds, and grasses. Timber, spruce, fir, aspen, and lichen plant life. Excellent grazing land.

N. 0°03' W., bet. secs. 29 and 30. Iron post no. 120W

Ascend abrupt S. slope of high broken mountainous land through dense timber and scattered undergrowth.

3.20 Small seep of good water, flows SE.

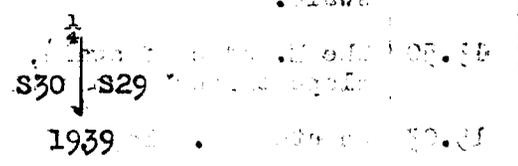
19.00 Base of limestone ledges, faces S. and bears E. and W.

21.00 Top of ledges, bears E. and W.; continue abrupt ascent over S. slope.

26.70 Top of E. slope of high peak on ridge, 550 ft. above slopes S. 70° E., and ascends N. 70° W., about 6.00 chs. dist. to top of peak; descend abrupt ledgy NE. slope.

40.00 On ledgy NE. slope, 120 ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

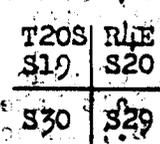
An Alpine fir, 12 ins. diam., bears N. 64°15' E., 55 lks. dist., marked 1/4 S29 BT.

A spruce, 30 ins. diam., bears S. 55° W., 32 lks. dist., marked 1/4 S30 BT.

65.20 Head of ravine, 320 ft. below the 1/4 sec. cor., drains E.; ascend gradually over broken SE. slope.

80.00 On broken SE. slope, 110 ft. above head of ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass marked



1939

From which

An Alpine fir, 14 ins. diam., bears N. 49°30' E., 34 lks. dist., marked T20S R1E S20 BT.

An Alpine fir, 30 ins. diam., bears S. 70° W., 16 lks. dist., marked T20S R1E S29 BT.

A spruce, 14 ins. diam., bears S. 57° W., 110 lks. dist., marked T20S R1E S30 BT.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

An Alpine fir, 10 ins. diam., bears N. 33° 30' W., 72 lks. dist., marked T20S R4E S19 BT.

Land, broken and mountainous, with a general northeasterly and southeasterly exposure and drainage.

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, sage and wild goose berry brush, weeds and grass.

Timber, spruce, fir, aspen, and limber pine.

Excellent grazing land.

East, on random line, bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

50.10 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 20, 21, 22, and 29.

Thence:

N. 39° 59' W., on true line, bet. secs. 20 and 29.

Descend gradual SW. slope of broken mountainous land, through dense timber and scatter d'undergrowth.

01.30 Small stream of good water in bottom of ravine, 10 ft. below cor., flows SE.; ascend gradual E. slope.

5.00 Slope changes from a gradual N. slope to a gradual SE. slope.

8.40 Slope changes from a gradual SE. slope to an abrupt E. slope.

16.00 Slope changes from a steep N. slope to a steep NE. slope.

25.00 Spur, 420 ft. above stream, slopes S. 70° E.; ascend gradually along SE. slope.

40.05 On broken SE. slope, 120 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4 S20
S29

1939

from which

An aspen, 9 ins. diam., bears N. 32° 15' E., 23 1/4 lks. dist., marked 1/4 S20 BT.

A spruce, 30 ins. diam., bears S. 28° W., 1 1/4 lks. dist., marked 1/4 S29 BT.

64.40 Top of ascent, 290 ft. above the 1/4 sec. cor., bears N. and S.; descend gradually along broken S. slope.

75.00 Draw near head, 90 ft. below top of ascent, drains SE.; ascend steep SE. slope.

SUBDIVISION OF T. 20 S., R. 3 E.

Chains

arising

80.10 The cor. of secs. 19, 20, 29, and 30, 90 ft. below top of ascent.

Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4% rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, fir, and limber pine.

Excellent grazing land.

N. 89°46' W., on random line, bet. secs. 19 and 30.

40.00 Set temp. 1/2 sec. cor.

50.00 East shore of lake; to pass lake, I offset as follows.

South, 3.36 chs.; thence N. 89°46' W., on offset line with continuous measurement.

54.29 Intersect the witness cor. to the cor. of secs. 19, 24, 25, and 30, on the west boundary of the township, which is South, 3.34 chs. dist. from the true point for the cor. of said secs. Cor. is an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah

The course of the line bet. secs. 19 and 30, therefore is S. 89°47' E., and the distance is 54.88 chs.

The true point for the cor. of secs. 19, 24, 25, and 30, falls in lake with an area of about 7 acres; thence from the witness cor. to the cor. of said secs.

S. 89°47' E., on offset line, bet. secs. 19 and 30.

Along a narrow peninsula extending from the E. into the lake.

4.88 Offset North, 3.34 chs. dist. to true line, on E. shore of lake, bears N. and S.

Thence, S. 89°47' E., on true line, bet. secs. 19 and 30, with continuous measurement.

Ascend steep W. slope of high mountainous land, through clumps of dense timber and scattered undergrowth.

14.88 On steep W. slope, 320 ft. above lake.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/2 sec. cor., with brass cap marked

1/2 S19

S30

1939

from which

An Alpine fir, 6 ins. diam., bears N. 9° E., 41 ft. dist., marked 1/2 S19 ET.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

An Alpine fir, 10 ins. diam., bears S. 5° E., 119 lks. dist., marked $\frac{1}{4}$ S30 BT. ✓

22.30 Top of ascent on SE. slope of bench, 110 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend gradual SE. slope.

31.80 Draw, 30 ft. below top of ascent, drains S.; ascend steep W. slope.

41.50 Top of divide ridge which forms the rim of the Great Salt Lake Basin, 150 ft. above draw, bears S. and N. 20° E.; descend abrupt rocky SE. slope.

54.88 The cor. of secs. 19, 20, 29, and 30, 350 ft. below top of divide ridge.

Land, broken and mountainous, with a general westerly and southeasterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce, fir, aspen, and Alpine fir.

Excellent grazing land.

N. 0°03' W., bet. secs. 19 and 20.

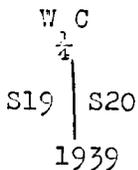
Ascend abrupt SE. slope of high mountainous land, through dense timber and scattered undergrowth.

9.10 Ridge, 250 ft. above cor., bears E., and W., about 13.00 chs. dist. to its junction with rim of the Great Salt Basin bearing N. and S.; descend abrupt NE. slope through very dense timber.

12.70 Unimproved road, bears NW. and SE.

38.90 On S. shore of Blue Lake, 440 ft. below ridge, bears NW. and NE.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 19 and 20, with brass cap marked



from which

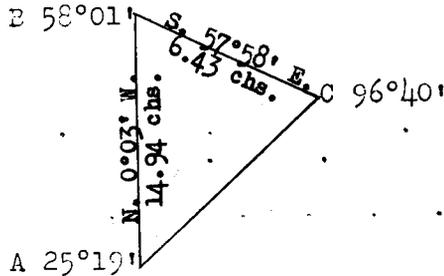
A spruce, 12 ins. diam., bears S. 22°30' E., 22 lks. dist., marked WC $\frac{1}{4}$ S20 BT. ✓

A spruce, 18 ins. diam., bears S. 65°15' W., 21 lks. dist., marked WC $\frac{1}{4}$ S19 BT. ✓

40.00 True point for the $\frac{1}{4}$ sec. cor. secs. 19 and 20, falls in Blue Lake, where it is impossible to set cor. Area of lake is about 7 acres, and to cross lake, I triangulate from the witness cor. to the $\frac{1}{4}$ sec. cor. as follows.

Chains

Erect flag A at this point, and flag B, on the N. shore of Lake, from E, survey base line, BC, S. 57°58' E., 6.43 chs. the mean of two measurements. The following angles were checked by repetition. A is 25°19'. B is 58°01'. C is 96°40'.



Distance by triangulation, 14.94 chs.
 Distance on line 38.90 chs.
 53.84 chs.

- 53.84 To point E. of triangulation on N. shore of Blue Lake, bears NE. and SW.; thence along broken E. and NE. slopes.
- 53.70 Small stream of good water, in bottom of ravine, 30 ft. below lake, flows SE.; ascend SE. slope.
- 61.20 Small spring of good water at head of small ravine, flows E.; continue ascent over SE. slope.
- 80.00 On very steep SE. slope, 250 ft. above lake.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top for cor. of secs. 17, 18, 19, and 20, with brass cap marked

T20S	R4E
S18	S17
S19	S20.

1939

from which

A limber pine, 20 ins. diam., bears N. 19° W., 35 lks. dist., marked T20S R4E S18 BT.

No other bearing trees available.

Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and wild goose berry brush, weeds and grass.

Timber, spruce, fir, aspen, and limber pine.

Excellent grazing land.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

August 29, 1939: Stationed at the cor. of secs. 17, 18, 19, and 20, in approximate latitude 39°04' N., longitude 111°30' W., at 8h 51.9m a.m. correct 105th meridian standard time, I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag about 70' chains to the south of my station, in a clockwise direction to the star.

Local mean time of observation 8h 25.9m a.m.
Mean horizontal deflection angle
flag to star 178°46'
Azimuth of Polaris 1°17' West.
True bearing to flag S. 0°03' E.

Thence; from the above cor.

S. 89°59' E., on random line, bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect the N. and S. line, 16 lks. N. of the cor. of secs. 16, 17, 20, and 21.

Thence:

N. 89°52' W., on true line, bet. secs. 17 and 20.

Ascend abrupt NE. slope of high mountainous land, through dense timber and scattered undergrowth.

14.20 Ascent becomes gradual, bears NW. and SE.

16.90 Ridge, 180 ft. above cor., bears N. 70° W., about 10.00 chs. dist. to a deep saddle, and S. 30° E., about 5.00 chs., thence E.; descend abrupt SW. slope.

20.00 Slope changes from a steep SW. slope to a gradual S. slope.

37.80 Slope changes from a gradual S. slope to a gradual SW. slope.

40.10 On gradual SW. slope, 140 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

1/4 S17

S20

1939

from which

A spruce, 14 ins. diam., bears S. 60° E., 68 lks. dist., marked 1/4 S20 BT.

A spruce, 12 ins. diam., bears N. 39° W., 157 lks. dist., marked 1/4 S17 BT.

48.10 Base of descent, 70 ft. below the 1/4 sec. cor., drains S.; ascend gradually along S. slope.

58.70 Slope changes from a gradual S. slope to a steep SE. slope.

80.20 The cor. of secs. 17, 18, 19, and 20, 230 ft. above base of descent.

SUBDIVISION OF, T. 20 S., R. 4 E.

325

Chains

Land, broken and mountainous, with a general southerly exposure and drainage.
 Soil, shallow gravel and clay, with a rocky surface; 4th rate.
 Undergrowth, sage and wild goose berry brush, weeds, and grass.
 Timber, aspen, spruce, fir, and limber pine.
 Excellent grazing land.

N. 89°47' W., on random line, bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

54.90 Intersect the N. bdy. of the township, 8 lks. N. of the c. of secs. 13, 18, 19, and 24, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39; Utah

Thence:

S. 89°52' E., on true line, bet. secs. 18 and 19.

Descend steep E. slope of high mountainous land, through dense timber and scattered undergrowth.

1.70 Head of ravine, 60 ft. below cor., drains N. 20° E.; thence along general N. slope.

14.90 On gradual N. slope, 70 ft. below ravine.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S18

$\frac{1}{4}$ ———
S19

1939

from which

A spruce, 10 ins. diam., bears N. 35° E., 16 lks. dist., marked $\frac{1}{4}$ S18 BT.

An Alpine fir, 10 ins. diam., bears S. 8° E., 25 lks. dist., marked $\frac{1}{4}$ S19 BT.

27.70 Bottom of small depression on N. slope, drains N.

30.10 Slope changes from a general N. slope to a general NW. slope.

30.10 From this point, the center of Island Lake, bears N. 35° 31.40 chs. dist. Lake is in the bottom of a large basin, and has an area of about 12 acres.

45.70 Improved Forest Service road known as the Sky Line Drive; bears N. 30° E. and S. 30° W.

47.30 Top of high divide ridge which forms the rim of the Great Salt Lake Basin, 340 ft. above the $\frac{1}{4}$ sec. cor., bears N. 30° E. and S. 30° W.; descend abrupt SE. slope.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

54.90 The cor. of secs. 17, 18, 19, and 20, 140 ft. below top of divide ridge.

Land, broken and mountainous, with a general northerly and northwesterly exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and wild goose berry brush, weeds, and grass.

Timber, spruce, fir, aspen, and limber pine.

Excellent grazing land.

N. 0°03' W., bet. secs. 17 and 18.

Ascend abrupt SE. slope of high mountainous land, through dense timber and scattered undergrowth.

8.20 Top of high divide ridge which forms the rim of the Great Salt Lake Basin, 150 ft. above cor., bears NE. and SW.; descend gradual NW. slope through very dense spruce and fir timber.

11.00 Improved Forest Service road known as the Sky Line Drive, bears N. 30° E. and S. 30° W.

20.00 Leave timber and enter large grassy basin, bears NE. and S. 90° W.

35.00 The west edge of small circular lake in bottom of basin, 140 ft. below divide ridge; ascend gradual S. slope.

40.00 On gradual S. slope of basin.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked

S18 | S17

1939

from which

An Alpine fir, 15 ins. diam., bears N. 38° E., 3.55 chs. dist., marked $\frac{1}{4}$ S17 BT.

An Alpine fir, 10 ins. diam., bears N. 6°30' W., 6.25 chs. dist., marked $\frac{1}{4}$ S18 BT.

45.00 Leave bottom of basin and enter medium dense timber, bears E. and W.

61.00 Ridge, 220 ft. above bottom of basin, bears E. and W.; descend abrupt N. slope.

68.10 Slope changes from a steep N. slope to a gradual W. slope.

80.00 On gradual W. slope, 180 ft. below top of ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

T20S	R4E
S7.	S8
S18	S17

1939

from which

A spruce, 12 ins. diam., bears N. 80° E., 23 lks. dist., marked T20S R4E S8 BT.

A spruce, 10 ins. diam., bears S. 12°45' E., 72 lks. dist., marked T20S R4E S17 BT.

A spruce, 10 ins. diam., bears S. 49° W., 16 lks. dist., marked T20S R4E S18 BT.

A spruce, 12 ins. diam., bears N. 76°30' W., 38 lks. dist., marked T20S R4E S7 BT.

Land, high and mountainous, with a general northwesterly exposure and drainage.

Soil, shallow dark mountain loam, with a rocky surface; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce, fir, aspen, and limber pine.

Excellent grazing land.

S. 39°52' E., on random line, bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 3, 9, 16, and 17.

Thence:

N. 39°55' W., on true line, bet. secs. 8 and 17.

Over rolling top of Block Mountain, through dense timber and scattered undergrowth.

4.50 Top of NW. rim of Block Mountain, bears NE. and SW.; descend abrupt NW. slope.

20.40 Slope becomes gradual, bears NE. and SW.

40.10 At base of descent, 580 ft. below sec. cor., bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S8
1/4
S17

1939

from which

A spruce, 12 ins. diam., bears N. 79° E., 90 lks. dist., marked 1/4 S8 BT.

RESURVEYING OF NE. 1/4 SEC. 7, R. 4 E.

- 50.50 An iron post, 18 ins. diam., bears S. 40° E., 143 lks. dist., marked $\frac{1}{2}$ S17-PT.
 - Thence ascend gradually over rolling NE. slope.
 - 56.80 From this point, the N. end of a circular lake, about 12 chs. long N. and S., and 8 chs. wide, E. and W., bears South, 4.00 chs. dist.
 - 59.50 Base of abrupt ascent over rocky NE. slope, bears NW. and SE.
 - 69.20 Improved Forest Service road, known as the Sky Line Drive, bears N. and S.
 - 70.80 Top of high divide ridge which forms the rim of the Great Salt Lake Basin, 460 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S. 20° E.; descend gradual NW. slope.
 - 80.20 The cor. of secs. 7, 8, 17, and 18, 70 ft. below top of ridge.
- Land, broken and mountainous, with a general northerly and northwesterly exposure and drainage.
- Soil, shallow clay and gravel, with a rocky surface; 4th rate.
- Undergrowth, sage and wild goose berry brush, woods, and grass.
- Timber, spruce, fir, and aspen.
- Excellent grazing land.

N. 89°52' W., on random line, bet. secs. 7 and 18.

37.00 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor. secs. 7 and 18.

54.60 Intersect the W. bdy. of the township, 13 lks. N. of the cor. of secs. 7, 12, 17, and 18, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah.

Thence:

East, on true line, bet. secs. 7 and 18.

Ascend gradually over rolling NW. slope of broken mountainous land, through dense timber and scattered undergrowth.

6.60 Base of broken nearly inaccessible limestone ledges, bears N. 20° E., and S. 20° W., 4.00 chs. dist., thence SW.; ascend abrupt NW. face of ledges.

14.60 True point for the $\frac{1}{4}$ sec. cor. falls on face of ledges, where it is impracticable to set a cor.

17.60 At top of ledges, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 7 and 18, with brass cap marked

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

WC $\frac{1}{4}$ $\frac{S7}{S18}$

1939

from which

A spruce, 16 ins. diam., bears N. 82°45' E., 58 lks. dist., marked WC $\frac{1}{4}$ S7 BT.

A spruce, 10 ins. diam., bears S. 32° E., 88 lks. dist., marked WC $\frac{1}{4}$ S18 BT.

18.10 Top of high sharp ledgy spur, 490 ft. above sec. cor., projects N.; descend steep E. slope.

24.30 Small stream of good water, in bottom of ravine, 250 ft. below spur, flows N.; descend gradual NE. slope.

32.20 Draw near head, 30 ft. below ravine, drains N.; ascend abrupt NW. slope.

54.60 The cor. of secs. 7, 8, 17, and 18, 390 ft. above draw.

Land, broken and mountainous, with a general northwestern exposure and drainage.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce, fir, and aspen.

Excellent grazing land.

N. 0°03' W.; bet. secs. 7 and 8.

Descend gradually along steep NW. slope of high mountainous land, through dense timber and scattered undergrowth.

40.00 On gradual NW. slope, 500 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor., with brass cap marked

$\frac{1}{2}$
S7 | S8
1939

from which

A spruce, 30 ins. diam., bears S. 58° E., 39 lks. dist., marked $\frac{1}{2}$ S8 BT.

An Alpine fir, 14 ins. diam., bears S. 30° W., 29 lks. dist., marked $\frac{1}{2}$ S7 BT.

41.50 Leave timber, bears NE. and SW.; thence along the E. side of large grassy flat.

54.40 Small seep of good water, flows W.

59.90 Small seep of good water, flows W.

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains

80.00 On rolling land, 120 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap marked

T20S	R4E
S6	S5

S7	S8
----	----

1939

mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a

From this cor., the E. gable of a frame house known as Julius Cabin, bears N. $43^{\circ}50'$ W.

Land, rolling and mountainous, with a general northwesterly exposure and drainage.

Soil, shallow clay and gravel; 3rd rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, spruce and fir, on S. portion of mile.

Excellent grazing land.

S. $89^{\circ}55'$ E., on random line, bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 12 lks. S. of the cor. of secs. 4, 5, 8, and 9.

Thence:

West, on true line, bet. secs. 5 and 8.

Ascend steep E. slope of high mountainous land, through scattered undergrowth.

3.60 Small seep of good water, flows SE.

31.00 Spur, 340 ft. above cor., projects S.; descend gradual W. slope.

36.50 Small wash on E. side of grassy basin, flows S.; thence across rolling bottom of basin.

40.00 On rolling bottom of grassy basin, 110 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$	S5
	S8

1939

from which

A lone spruce, 24 ins. diam., bears N. $71^{\circ}45'$ W., 230 lks. dist., marked $\frac{1}{2}$ S5 BT.

SUBDIVISION OF T. 20 S., R. 3 E.

Chains	
	No other bearing tree available.
47.30	Improved Forest Service road, known as the Sky Line Drive, bears N. 33° E. and S. 33° W.
42.50	Small wash on W. side of grassy basin, drains S.; ascend steep E. slope of ridge.
59.00	Top of main divide ridge, which forms the rim of the Great Salt Lake Basin, 190 ft. above the $\frac{1}{4}$ sec. cor., bears N. 15° E. and S.; descend abrupt ledgy W. slope.
80.00	The cor. of secs. 5, 6, 7, and 8, 540 ft. below top of ridge.
	Land, rolling and mountainous, with a general easterly and westerly exposure and drainage.
	Soil, shallow clay and gravel, with a rocky surface; 4th rate.
	Undergrowth, sagebrush, weeds, and grass.
	Timber, spruce and fir on W. slope of divide ridge.
	Excellent grazing land.
	West, on random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
54.30	Intersect the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the township, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah.
	Thence:
	Last, on true line, bet. secs. 6 and 7.
	Ascend gradual E. slope of rolling mountainous land, through dense timber and scattered undergrowth.
9.00	Shallow elongated basin, bears N. and S.
14.30	On gradual NW. slope, 50 ft. above sec. cor.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S6 \\ \hline S7 \end{array}$
	1939
	from which
	An aspen, 12 ins. diam., bears S. 57° E., 55 lks. dist., marked $\frac{1}{4}$ S7 BT.
	An Alpine fir, 4 ins. diam., bears N. 80° 45' W., 155 lks. dist., marked $\frac{1}{4}$ S6 BT.
27.00	The S. end of a narrow grassy swamp.
30.00	Begin more abrupt ascent over NW. slope.

SUBDIVISION OF T. 20 S., R. 4 E.

Chains

- 39.40 From this point, the E. gable of a frame cabin known as Julius Cabin, bears N. $33^{\circ}20'$ W.
- 39.50 Leave timber at top of spur, 320 ft. above the $\frac{1}{4}$ sec. cor., projects N., 10.00 chs. dist. to end; descend gradual E. slope.
- 42.20 Wide draw, 50 ft. below spur, drains N. 10° E.; ascend gradual W. slope.
- 54.30 The cor. of secs. 5, 6, 7, and 8, 100 ft. above draw.
- Land, rolling, with a general northwesterly exposure and drainage.
- Soil, shallow clay and gravel, with a rocky surface; 4th rate.
- Undergrowth, sagebrush, grass, and weeds.
- Timber, aspen, spruce, and fir, on W. portion of mile.
- Excellent grazing land.

N. $0^{\circ}07'$ W., on random line, bet. secs. 5 and 6.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 30.00 Set temp. lot cor.
- 33.42 Intersect the N. bdy. of the township, $\frac{3}{4}$ mls. E. of the cor. of secs. 5, 6, 31, and 32, an iron post, $\frac{3}{8}$ ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 19 S., R. 4 E., Group 30, Utah.

Thence:

S. $0^{\circ}20'$ E., on true line, bet. secs. 5 and 6.

Over rolling mountainous land, through scattered short undergrowth.

- 3.42 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 4 and 5, sec. 5, and lots 1 and 6, sec. 6, with brass cap marked.

	T20S	R4E	
	1	4	
S6	—	—	S5
	6	5	

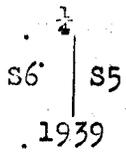
1939

mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a

- 14.40 The center of a small circular lake, 2.50 chs. in diameter, bears West, 4.00 chs. dist.
- 30.80 Bridge over small stream of good water, flows SW., 2.00 chs. dist., thence S. 10° W.
- 48.42 On rolling land.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF, T. 20 S., R. 4 E.

Chains



Raise a

mound of stone, 3 ft. base, 2 ft. high, W. of cor.

52.90 Small timbered spur, 30 ft. high, slopes W., 3.00 chs. dist. to end.

September 14, 1939; stationed at the above point, in approximate latitude $39^{\circ}06'$ N., longitude $111^{\circ}30'$ W., I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the cor. of secs. 5, 6, 31, and 32, on the north boundary of the township, in a counter clockwise direction to the star.

Local mean time of observation 3h 23.0m a.m.
 Watch time of observation (correct
 105th meridian standard time..... 3h 49.0m a.m.
 Mean horizontal deflection angle, cor. to star.. $0^{\circ}59'$
 Azimuth of Polaris..... $1^{\circ}19'$ W.
 True bearing of line bet. secs. 5 and 6..... N. $0^{\circ}20'$ W.

Continue S. $0^{\circ}20'$ E., bet. secs. 5 and 6, with continuous measurement.

56.00 Small stream of good water, flows S. 80° W.

57.40 Center of small clump of aspen timber.

63.50 Head of small draw, drains N. 30° W., about 10.00 chs. dist., thence W.

88.42 The cor. of secs. 5, 6, 7, and 8, 100 ft. above head of draw.

Land, rolling, with a general westerly exposure and drainage.

Soil, shallow dark loam and gravel; 4th rate.

Undergrowth, sagebrush, weeds, and grass.

Timber, aspen, spruce, and fir, on central portion of mile.

Excellent grazing land.

ESTABLISHMENT OF COR. OF LOTS 3 AND 4, W. BDY. SEC. 6.

The official record of the course and distance of the W. bdy. sec. 6, T. 20 S., R. 4 E., is North, 88.18 chs., and the cor. of Ts. 19 and 20 S., Rs. 3 and 4 E., is an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah.

Thence, from the above cor.

South, bet. secs. 1 and 6, along the W. bdy. of T. 20 S., R. 4 E.

There is an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 3 E., Group 39, Utah.

ESTABLISHMENT OF COR. OF LOTS 3 AND 4, W. BDY. SEC. 6.

Chains

8.18

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 3 and 4, sec. 6, T. 20 S., R. 4 E., with brass cap marked

T20S	
R3E	R4E
3	
S1	S6
4	
1939	

from which

An aspen, 15 ins. diam., bears N. 41° E., 68 lks. dist., marked Lot 3 S6 BT.

An aspen, 15 ins. diam., bears S. 54° E., 29 lks. dist., marked LOT 4 S6 BT.

GENERAL DESCRIPTION OF T. 20 S., R. 4 E.

The land within the boundaries of T. 20 S., R. 4 E., Salt Lake Meridian, Utah, is high and mountainous, and has a general southeasterly exposure and drainage. Nearly all of the drainage of the township forms the head waters of the Muddy Creek. Except for a few outcroppings of sandstone, the township is of a limestone formation and is at an elevation of about 10500 feet above sea level along the north portion, about 10000 feet along the west portion, and about 7000 feet along the east portion. All of the township is within the boundaries of the Manti National Forest, and all portions of it are a game preserve. Nearly all portions of the township are covered with a medium dense growth of aspen, fir, spruce, and limber pine timber. The spruce and fir timber is found mostly in the west and southwest portions, and a great portion of this timber is suitable for milling and has a commercial value. The undergrowth consists of sage, service berry, buck and wild goose beery brush, weeds and grass, and is found mostly in the timbered portion of the township. The soil on the steep slopes consists of a shallow gravel and clay loam, with a rocky surface, and may be classified as fourth rate, while that in the bottom lands consists of a shallow dark humus loam, and may be classified as third rate.

The township has an abundant supply of water, consisting of numerous lakes, reservoirs, marshes, sink holes, basins, ponds, and streams. The largest stream in the township is the North Fork Muddy Creek. This stream heads mostly in the northwest portion of section 4, and flows in a southeasterly direction, leaving the township on the east boundary of section 24. Fish Creek and Mill Fork Creek flow in an easterly and northeasterly direction to the southwest quarter of section 27, where they join and form the South Fork Muddy Creek. From this point the South Fork Muddy Creek flows in an easterly direction to its junction with the north fork at a point about 40.00 chs. east of the east boundary of section 24, where both streams form Muddy Creek.

Blue Lake, located on the line bet. secs. 19 and 20, and a reservoir located in the northeast quarter of section 20, both are well stocked with trout. Slide Lake, located in the southwest quarter of section 32, was also stocked with trout during the time of the survey.

The Clay Spring Ranger Station, is located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 20 S., R. 5 E., and from this station a one wire telephone line and an improved Forest Service trail enter the township on the east boundary of section 24,

GENERAL DESCRIPTION OF T. 20 S., R. 4 E.

and bear in a northwesterly direction, leaving the township on the north boundary of section 4. An improved Forest Service road enters the township on the north boundary of section 5, and bears in a southeasterly direction through the township to the Clay Spring Ranger Station, and from there to Emery, Utah. An improved Forest Service road enters the township on the north boundary of section 5 and bears in a southerly direction, leaving the township on the west boundary of section 19. The greater portion of this road follows along the top of a high divide ridge which forms the rim of the Great Salt Lake Basin. Numerous other unimproved trails and roads were found throughout the township, and nearly all portions of it can be reached by wagon, but the two improved Forest Service roads are the only ones that can be traveled by automobile.

The abundant supply of forage and browse found in the township makes it an excellent grazing range for stock during the summer months of the year, and it is being used for this purpose under the supervision of the Forest Service.

No portions of the township are suitable for farming due to its high elevation, and no indications of oil, oil shale, coal, or mineral, were found. A frame cabin known as Julius Cabin, is located in the northwest portion of section 6, a sheep dipping vat and a corral in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, about $\frac{1}{2}$ mile of stock drift fence in the SE $\frac{1}{4}$ sec. 1, and about $1\frac{1}{2}$ miles of stock drift fence in secs. 35 and 36. No permanent settlers were located in the township.

The mean magnetic declination was found to be 15°30' E.

4-890
(Revised May 1984)

FIELD ASSISTANTS

NAMES	CAPACITY
Frank Zamboni	Chairman
Olie V. Anderson, Jr.	Chairman
David Newman	Chairman
Burt Moore	Chairman
Wallace S. Odd	Chairman
Bernard R. Logan	Chairman
Robert Bringham	Chairman
Max Muir	Chairman
Daine Marshall	Flagman
Quentin Rust	Flagman
Robert L. Connelly	Flagman
Edwin H. Loeffler	Flagman
Jack Buttrey	Cornerman
Lewis Forest Adams	Axman
Billy Brooke	Axman
Bryce Mackley	Axman

CERTIFICATE OF UNITED STATES SURVEYOR

We, Elliot Bird, Cadastral Engineer, and Alwyn C. Alberga, Public Land Surveyor, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 24th day of May, 1939, received from the district cadastral engineer for Utah, with assignment instructions dated July 14, 1939, I have surveyed the east boundary and subdivision, and dependent and independent resurveyed the fourth standard parallel south, through R. 4 E., T. 20 S., R. 4 E. of the Salt Lake Meridian, in the State of Utah, which is represented in the foregoing field notes as having been executed by us and under our direction; and that no survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes. Salt Lake City, Utah. December 19, 1939. Elliot Bird, Cadastral Engineer, Alwyn C. Alberga, Public Land Surveyor.

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, December 3, 1941

The foregoing field notes of the survey of the east boundary and subdivision, and dependent and independent resurvey of the fourth standard parallel south, through R. 4 E., T. 20 S., R. 4 E. executed by Elliot Bird, Cadastral Engineer, and Alwyn C. Alberga, Public Land Surveyor, under special instructions dated May 24, 1939, and assignment instructions dated July 14, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Signature of U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE



D
FIELD NOTES

DEPENDENT RESURVEY OF PORTIONS OF THE WEST BOUNDARY AND SUBDIVISION,
SURVEY OF A PORTION OF THE SUBDIVISION, AND ESTABLISHMENT OF QUARTER
SECTION CORNERS BETWEEN CLOSING CORNERS ON THE FOURTH STANDARD PARALLEL
SOUTH, COMPLETING THE SURVEY OF T. 21 S., R. 4 E.

Of the Salt Lake Meridian,
in the State of Utah

EXECUTED BY

Elliot Bird, Cadastral Engineer
and
Alvyn C. Alberga, Public Land Surveyor

Under special instructions dated May 24, 1939, which provided
for the surveys included under Group No. 303, bearing the approval of the
Commissioner of the General Land Office under date of July 14, 1939
and assignment instructions dated July 14, 1939, and supplemental
assignment instructions dated June 15, 1940.

Survey commenced August 28, 1939.

Survey completed July 25, 1940.

INDEX DIAGRAM.

Township 21 South, Range 4 East

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Chains

The survey of fractional T. 21 S., R. 4 E., Salt Lake Meridian, Utah, was commenced August 28, 1939, by Alvyn C. Alberga, Public Land Surveyor. Work was discontinued on the township, September 16, 1939, and resumed again by Elliot Bird, Cadastral Engineer, on July 2, 1940. The survey was executed with Buff and Buff transit No. 18003, used by Elliot Bird, and Buff and Buff transit No. 16725 used by Alvyn C. Alberga. The instruments are the property of the General Land Office, and are equipped with Smith solar attachments and full vertical circles. The horizontal limbs of each transit are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circles. The instruments were approved for use on this survey conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in assignment instructions dated July 14, 1939, and supplemental assignment instructions dated June 15, 1940.

The solar attachments were not used on this survey, and all controlling meridians were established by hour angle observations made upon Polaris, some of which are shown in this record. The bearings of the lines were deflected from these true meridians by the repetition of angles, and carried forward by transit lines, taking the mean of direct and reversed sights.

The measurements are made with Lallie steel tapes 5 chains in length, which were graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements were made on the slope, the vertical angle of each interval was ascertained by clinometers in good adjustment, and the slope measurements properly reduced to true horizontal distances, which are entered in the field note record.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 21 S., R. 4 E.

Reestablishment of surveys executed by
Page and Lentz, U.S. Deputy Surveyors, in 1903.

August 28, 1939; station at the closing cor. T. 21 S., Rs. 3 and 4 E., hereinafter described, in approximate latitude 39° 01' N., longitude 111° 31' W., at 9h 25.7m a.m. correct 105th meridian standard time, with instrument No. 16725, we make an hour angle observation of Polaris west of the meridian, making four observations, reading the horizontal deflection angle from a flag pole about 20 chains to the N., in a westerly direction to the star.

Local mean time of observation.....	8h 59.7m a.m.
Mean horizontal deflection angle, flag pole to star.....	1° 10' W.
Azimuth of Polaris.....	1° 19' W.
True bearing to flag pole.....	N. 0° 09' W.

The closing cor. of T. 21 S., Rs. 3 and 4 E., is an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

Thence, from the above cor.

S. 0° 09' E., on true line, bet. secs. 1 and 6.

Ascend gradual NE. slope of ridge and high mountainous land, through dense timber and undergrowth.

1.50

Top of ridge, 30 ft. above cor., bears N. 30° W. and S. 30° E.; descend gradually along broken SW. slope of ridge.

DEPENDENT RESURVEY POSITION WEST BOUNDARY, T. 21 S., R. 4 E.

enlaco

Casins

28.90

The established point for the $\frac{1}{4}$ sec. cor. secs. 1 and 6; the cor. monument is missing, and point from cor. was established by record course and distance from 1st SE bearing tree, which is a spruce, 16 ins. diam., bearing S. 15° E., 130 lks. dist., marked $\frac{1}{4}$ S6 BT. No trace of the bearing tree reported in sec. 1 could be found.

At the established point for cor., at top of abrupt descent over white sandstone ledges, 140 ft. below ridge, bears NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. secs. 1 and 6, with brass cap marked



1940

I mark an additional bearing tree to cor. as follows:

A spruce, 8 ins. diam., bears S. 36° 15' W., 53 lks. dist., marked $\frac{1}{4}$ S1 BT.

Thence:

S. 0° 54' W., with continuous measurement.

Descend abruptly over ledgy SW. slope.

40.40 Base of abrupt descent over ledges, 280 ft. below the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence descend gradually over broken SW. slope.

50.20 Enter slide rock, bears E. and W.

50.40 Leave slide rock, bears E. and W.

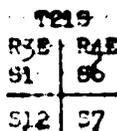
50.93 The cor. of secs. 1, 6, 7, and 12, a volcanic stone, 30 x 18 x 10 ins. firmly set in a mound of stone, marked 5 notches on S. edge and 1 notch on N. edge. Cor. is witnessed by one bearing tree as follows:

An aspen, 6 ins. diam., bears S. 2° E., 71 lks. dist., marked T218 R4E S7 BT.

No trace of other bearing trees could be found.

At the cor. point, on broken SW. slope, 140 ft. below base of ledges.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for cor. of secs. 1, 6, 7, and 12, with brass cap marked



1940

I mark additional bearing trees to cor. as follows:

A spruce, 7 ins. diam., bears N. 6° 30' E., 73 lks. dist., marked T218 R4E S6 BT.

A spruce, 8 ins. diam., bears S. 57° 30' E., 53 lks. dist., marked T218 R4E S7 BT.

An aspen, 12 ins. diam., bears S. 62° E., 80 lks. dist., marked T218 R3E S12 BT.

A spruce, 10 ins. diam., bears N. 36° W., 86 lks. dist., marked T218 R3E S1 BT.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 21 S., R. 4 E.

Chains

Land, broken and mountainous, with a general southwesterly exposure and drainage.
Soil, shallow dark clay loam, with a rocky surface; 4th rate.
Timber, spruce, pine, fir, and aspen.
Undergrowth, sage, buck, and service berry brush, weeds, and grass.
Exceedingly good grazing land.

S. 0° 15' E.; bet. secs. 7 and 12.

Descend gradually along broken SW. slope of high rough mountainous land, through very dense timber and undergrowth.

3.30 Head of shallow draw, drains SW.

10.00 Low rocky spur, 50 ft. above cor., projects W.; descend gradual SW. slope.

21.00 Marshy draw, 50 ft. below spur, drains SW.; continue descent.

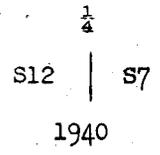
31.60 Draw, 170 ft. below spur, drains SW.; ascend gradual NW. slope.

39.92 The 1/4 sec. cor. secs. 7 and 12, a limestone, 20 x 12 x 6 ins., firmly set, marked 1/4 on W. face. Cor. is witnessed by one bearing tree as follows:

An aspen, 8 ins. diam., bears N. 84° 30' E., 83 lks. dist., marked 1/4 S7 BT.

At the cor. point, on broken NW. slope, 50 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for 1/4 sec. cor. secs. 7 and 12, with brass cap marked



I mark additional bearing trees to cor. as follows:

A balsam, 8 ins. diam., bears N. 79° 30' E., 38 lks. dist., marked 1/4 S7 BT.

A balsam, 6 ins. diam., bears S. 65° W., 10 lks. dist., marked 1/4 S12 BT.

Thence:

S. 0° 09' W., with continuous measurement.

44.00 Spur, 50 ft. above the 1/4 sec. cor., projects W.; descend gradually over broken SW. slope.

65.00 Slope changes from a SW. to a SE. slope.

79.98 The cor. of secs. 7, 12, 13, and 18, a limestone, 12 x 8 x 8 ins., firmly set, marked with 2 notches on N. edge and four notches on S. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

At the cor. point; on broken SE. slope, 380 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for the cor. of secs. 7, 12, 13, and 18, with brass cap marked

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 21 S., R. 4 E.

Chains

T21S	
R3E	R4E
S12	S7
S13	S18

1940

I mark bearing trees to cor. as follows:

An aspen, 10 ins. diam., bears N. 38° E., 232 lks. dist., marked T21S R4E S7 BT.

An aspen, 12 ins. diam., bears S. 42° W., 181 lks. dist., marked T21S R3E S13 BT.

No other suitable bearing trees available.

Land, broken and mountainous, with a general southwesterly exposure and drainage.

Soil, shallow dark loam, with a rocky surface; 4th rate.

Timber, spruce, pine, fir, and aspen.

Undergrowth, sage and buck brush, wild goose berry, weeds, and grass. Exceedingly good grazing.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 4 E.

Reestablishment of surveys executed by Page and Lentz, U.S. Deputy Surveyors, in 1903.

July 7, 1940; stationed at the closing cor. of secs. 2 and 3, T. 21 S., R. 4 E., hereinafter described, in approximate latitude 39° 01' N longitude 111° 26' W., with instrument No. 18003, at 11h 46.6m a.m. correct 105th meridian standard time, I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a point on a ledge about 6 miles to the N., in a westerly direction to the star.

Local mean time of observation.....	11h 20.9m a.m.
Mean horizontal deflection angle from point on ledge to star.....	1° 30' W.
Azimuth of Polaris.....	1° 15' W.
True bearing to point on ledge.....	N. 0° 15' E.

The closing cor. of secs. 2 and 3, T. 21 S., R. 4 E., is an iron post 2 ins. diam., set, marked and witnessed, as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

Thence, from the above cor.

S. 0° 15' W., on true line, bet. secs. 2 and 3.

Ascend abrupt NE. slope of the NE. point of White Mountain, through dense timber and undergrowth.

- 9.20 Pole drift fence, bears NE., and SW., 5.00 chs. dist. to end at base of white limestone ledges.
- 10.00 Base of abrupt ascent over limestone ledges forming the NE. breaks of White Mountain, bears NW. and SE.
- 28.51 Point which is a northing of 40.00 chs. from the cor. of secs. 2, 3, 10, and 11, and true point for the 1/4 sec. cor. sec. 3, falls on face of limestone ledge where it is impossible to set a cor.
- 29.86 True point for the original 1/4 sec. cor. secs. 2 and 3, falls on face of limestone ledge, where it is impossible to set a cor.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 4 E.

Chains

29.86

At top of ledges, bears NW, and SE:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. sec. 3, with brass cap marked

WC

 $\frac{1}{4}$ S3

1940

from which

A limber pine, 10 ins. diam., bears S. 29° W., 11 lks. dist., marked WC $\frac{1}{4}$ S3 BT.

A limber pine, 6 ins. diam., bears N. 60° W., 12 lks. dist., marked WC $\frac{1}{4}$ S3 BT.

Cor. is set at a point S. 0° 15' W., 1.35 chs. dist. from its true position.

29.96

The witness cor. to the $\frac{1}{4}$ sec. cor. originally set for secs. 2 and 3, a limestone, 15 x 12 x 8 ins., loosely set in a small mound of stone. No marks visible on stone. Cor. is witnessed by bearing trees as follows:

A limber pine, 12 ins. diam., bears N. 57° 30' E., 12 lks. dist., upon which I find overgrown scribe marks. I mark this tree WC $\frac{1}{4}$ S2 BT.

A limber pine, 12 ins. diam., bears S. 51° 30' W., 13 lks. dist., upon which I find overgrown scribe marks.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for witness cor. to the $\frac{1}{4}$ sec. cor. sec. 2, with brass cap marked

WC

 $\frac{1}{4}$ S2

1940

No other suitable bearing tree in sec. 2 available.

Thence:

S. 1° 18' W., with continuous measurement.

32.00

Top of the NE. point of White Mountain, same level as the witness cor. to the $\frac{1}{4}$ sec. cor. sec. 3, slopes S. 80° E., and bears N. 30° W.; descend abrupt SE. slope of White Mountain.

68.52

The cor. of secs. 2, 3, 10, and 11, a broken limestone set in a small mound of stone. No marks visible on stone. Cor. is witnessed by 2 bearing trees as follows:

A limber pine, 12 ins. diam., bears N. 89° E., 68 lks. dist., upon which I find dim scribe marks. I mark this tree T21S R4E S2 BT.

An aspen, 5 ins. diam., bears S. 62° W., 29 lks. dist., marked T21S R4E S10 BT.

No trace of the bearing trees in secs. 3 and 11 could be found.

At the cor. point; on broken S. slope, 540 ft. below top of NE. point of White Mountain.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, with the original cor. monument deposited at the base of the post, for the cor. of sec. 2, 3, 10, and 11; with brass cap marked

T21S R4E	
S3	S2
S10	S11

1940

I mark additional bearing trees to cor. as follows:

An aspen, 3 ins. diam., bears S. 35° E.; 108 lks. dist., marked BT.

An aspen, 5 ins. diam., bears N. 54° W.; 226 lks. dist., marked T21S R4E S3 BT.

Land, high and mountainous, with a general southeasterly and north-easterly exposure and drainage.

Soil, shallow clay with a rocky surface; 4th rate.

Timber, spruce, fir, pine, and aspen.

Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass.

Exceedingly good grazing land.

S. 0° 03' E., bet. secs. 10 and 11.

Over rolling high mountainous land, through dense timber and undergro

2.90 Small stream, 1 lk. wide, 2 ins. deep, in bottom of draw, flows SE.

7.90 Small stream, 1 lk. wide, 1 in. deep, in draw, flows SE.

22.00 Small ravine, drains E.

35.00 Low spur, projects SE.

39.95 The $\frac{1}{4}$ sec. cor. secs. 10 and 11, a limestone, 15 x 12 x 6 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by two bearing trees as follows:

An aspen, 4 ins. diam., bears S. 30° E., 6 lks. dist., marked $\frac{1}{4}$ S11 BT.

An aspen, 4 ins. diam., bears West, 4 lks. dist., marked $\frac{1}{4}$ S10 BT.

At the cor. point, on gradual SE. slope, 200 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, with the original $\frac{1}{4}$ sec. cor. deposited at the base of the post; for $\frac{1}{4}$ sec. cor. secs. 10 and 11, with brass cap marked :

S10	S11
-----	-----

1940

I mark additional bearing trees to cor. as follows:

A limber pine, 14 ins. diam., bears S. 48° 30' E., 198 lks. dist., marked $\frac{1}{4}$ S11 BT.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 4 E.

Chains

A limber pine, 24 ins. diam., bears S. 64° 30' W., 103 lks. dist., marked $\frac{1}{2}$ S10 BT.

Thence:

S. 0° 05' E., with continuous measurement.

54.40 Stream, 6 lks. wide, 3 ins. deep, in draw, 150 ft. below the $\frac{1}{4}$ sec. cor., flows E.; ascend gradual NE. slope.

68.65 Pole fence, bears E. and W.

79.34 The cor. of secs. 10, 11, 14, and 15, a limestone, 12 x 10 x 10 ins., firmly set, marked 2 notches on E. edge and 4 notches on S. edge. Cor. is witnessed by a small mound of stone to the W. of the monument and by one bearing tree as follows:

An aspen, 12 ins. diam., bears S. 41° W., 142 lks. dist., marked T21S R4E S15 BT.

At the cor. point, on gradual NE. slope, 100 ft. above stream.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for the cor. of secs. 10, 11, 14, and 15, with brass cap marked

T21S	R4E
S10	S11
S15	S14

1940

I mark additional bearing trees to cor. as follows:

An aspen, 12 ins. diam., bears N. 39° 30' E., 267 lks. dist., marked T21S R4E S11 BT.

An aspen, 12 ins. diam., bears S. 73° 30' E., 288 lks. dist., marked T21S R4E S14 BT.

An aspen, 12 ins. diam., bears N. 67° 30' E., 391 lks. dist., marked T21S R4E S10 BT.

Land, rolling and mountainous, with a general southeasterly and north-easterly exposure and drainage.

Soil, shallow clay loam with a rocky surface; 4th rate.

Timber, spruce, fir, pine, and aspen.

Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass.

Exceedingly good grazing land.

S. 89° 55' W., bet. secs. 10 and 15.

Ascend gradual NE. slope of rolling mountainous land, through medium dense timber and undergrowth.

23.00 Top of ridge which forms the divide bet. the drainage to the E. and the drainage to the W., 220 ft. above cor., bears N. and S.; descend gradual W. slope of ridge.

26.30 Barbed wire drift fence, bears N. and S.

34.00 The N. edge of a small circular pond, 1.00 ch. in diam.

40.32 Proportionate distance; no trace of the original $\frac{1}{4}$ sec. cor. of secs. 10 and 15 found; on gradual SW. slope, 80 ft. below ridge.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, in solid rock and in a large mound of stone to 100 ft. for the restored 1/4 sec. cor. secs. 10 and 15, with brass cap marked

1/4 S10
S15

1940

A Douglas fir, 12 ins. diam., bears N. 85° 30' E., 64 lks. dist., marked 1/4 S10 BT.

A Douglas fir, 10 ins. diam., bears S. 4° 30' E., 134 lks. dist., marked 1/4 S15 BT.

Continue on same line with continuous measurement.

52.10 The S. end of an elongated pond, 5 chains long NE. and SW., and 1 chain wide NW. and SE.

71.60 Small seep, drains S. 20° E.

80.64 The cor. of secs. 9, 10, 15, and 16, a limestone, 15 x 10 x 7 ins., firmly set, marked 3 notches on E. edge and 4 notches on S. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument

At the cor. point; on gradual S. slope, with original stone deposited at base.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. of secs. 9, 10, 15, and 16, with brass cap marked

T21S R4E
S9 | S10
S16 | S15

1940

from which

An aspen, 6 ins. diam., bears N. 51° 15' E., 185 lks. dist., marked T21S R4E S10 BT.

An aspen, 6 ins. diam., bears S. 62° 30' E., 171 lks. dist., marked T21S R4E S15 BT.

An aspen, 10 ins. diam., bears S. 67° W., 190 lks. dist., marked T21S R4E S16 BT.

An aspen, 8 ins. diam., bears N. 41° 45' W., 76 lks. dist., marked T21S R4E S9 BT.

Land, rolling and mountainous. Soil, shallow clay and gravel, with a rocky surface; 4th rate. Timber, aspen, spruce, pine, and fir. Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass. Exceedingly good grazing land.

S. 89° 43' W., bet. secs. 9 and 16.

Over broken S. and SE. slope of high mountainous land, through dense timber and undergrowth.

34.10 The E. edge of circular marsh, bears N. and S.

38.60 The W. edge of marsh, bears N. and S.

DEPENDENT RESERVE PORTION SUBDIVISION, T. 21 S., R. 4 E.

Chains

39.97 Properly locate distance; find no trace of the original 1/4 sec. cor. secs. 9 and 16.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored 1/4 sec. cor. secs. 9 and 16, with brass cap marked

1/4 S9
1/4 S16

1940

from which

A spruce, 8 ins. diam., bears N. 13° E., 83 lks. dist., marked 1/4 S9 BT.

A spruce, 8 ins. diam., bears S. 42° 30' W., 103 lks. dist., marked 1/4 S16 BT.

Continue on same line with continuous measurement.

41.00 Small stream, 2 lks. wide, 2 ins. deep, flows S. 20° E.

45.60 Small stream, 3 lks. wide, 2 ins. deep, flows S. 10° E.

50.80 Small marsh, 50 lks. wide, E. and W. and 2 chains long N. and S.

56.60 Begin abrupt ascent over broken S. breaks of White Mountain, bears NE. and SW.

79.94 The cor. of secs. 8, 9, 16, and 17, a limestone, 15 x 8 x 7 ins., firmly set, marked 4 notches on E. and S. edges. Cor. has no accessories. with original stone deposited at base, At the cor. point, on broken SE. slope, 250 ft. above the 1/4 sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T21S R4E
S8 | S9
S17 | S16

1940

from which

A spruce, 8 ins. diam., bears N. 39° E., 91 lks. dist., marked T21S R4E S9 BT.

An aspen, 6 ins. diam., bears S. 37° 30' E., 128 lks. dist., marked T21S R4E S16 BT.

An aspen, 8 ins. diam., bears S. 42° W., 138 lks. dist., marked T21S R4E S17 BT.

A spruce, 16 ins. diam., bears N. 55° W., 174 lks. dist., marked T21S R4E S8 BT.

Land, broken and mountainous, with a general southerly and southeasterly exposure and drainage.

Soil, shallow clay with a rocky surface; 4th rate.

Timber, aspen, spruce, fir, and pine.

Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass.

Exceedingly good grazing land.

S. 89° 55' W., bet. secs. 8 and 17.

Chains

Ascend abruptly over steep SE. breaks of White Mountain, through dense timber and undergrowth.

20.00 Top of ascent, 110 ft. above cor., bears N. and S.; descend W. slope.

22.00 Small spring branch, 3 lks. wide, 2 ins. deep, in ravine, 60 ft. below top of ascent, flows SW.

23.50 Spring branch, 3 lks. wide, 3 ins. deep, in ravine, flows S.; ascend SE. slope.

29.50 Spur, 80 ft. above ravine, projects S. 15° W.; descend SW. slope.

39.95 Proportionate distance; find no trace of the 1/4 sec. cor. secs. 8 and 17; on SW. slope, 180 ft. below spur,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored 1/4 sec. cor. secs. 8 and 17, with brass cap marked

1/4 S8

S17

1940

from which

An aspen, 10 ins. diam., bears S. 19° E., 36 lks. dist., marked 1/4 S17 BT.

An aspen, 10 ins. diam., bears N. 46° 30' W., 38 lks. dist., marked 1/4 S8 BT.

Continue on same line with continuous measurement.

44.00 Ravine, 20 ft. below the 1/4 sec. cor., drains S.; ascend SE. slope.

54.50 Slope changes from a steep SE. slope to a steep S. slope.

68.50 Head of ravine, drains S. 20° E.; continue along S. slope.

74.50 Spur, 140 ft. above the ravine at the 44.00 chs. point, slopes S., and bears N., 3.00 chs. dist. to ledge; descend gradual SW. slope.

79.90 The cor. of secs. 7, 8, 17, and 18, a limestone, 18 x 6 x 6 ins., firmly set, marked 5 notches on E. edge and 4 notches on S. edge. Cor. is witnessed by 3 bearing trees as follows:

A balsam, 18 ins. diam., bears N. 71° E., 47 lks. dist., marked T21S R4E S8 BT.

A balsam, 10 ins. diam., bears S. 68° W., 40 lks. dist., marked T21S R4E S18 BT.

A balsam, 14 ins. diam., bears N. 22° 30' W., 32 lks. dist., marked T21S R4E S7 BT.

No trace of the bearing tree in sec. 17 could be found.

At the cor. point, on SW. slope, 50 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. monument deposited at the base of the post, for cor. of secs. 7, 8, 17, and 18, with brass cap marked

T21S R4E
S7 | S8

S18 | S17

1940

I mark an additional bearing tree to cor. as follows:

DEPENDENT RESERVE PORTION SUBDIVISION, T. 21 S., R. 4 E.

Chains

A balsam, 10 ins. diam., bears S. 60° E., 19 lks. dist., marked T218 R4E S17 BT.

Land, rough and mountainous, with a general southerly exposure and drainage.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass.

Timber, spruce, fir, pine, and aspen.

Exceedingly good grazing land.

S. 89° 56' W., bet. secs. 7 and 18.

Descend gradually over broken SW. slope of mountainous land, through dense timber and undergrowth.

11.00 Small seep, flows SW.

12.50 Small seep, flows S. 30° W.

16.50 Head of ravine, 140 ft. below cor., drains S.; ascend SE. slope.

20.50 Top of divide ridge, 80 ft. above head of ravine, slopes SW. and ascends NE.; descend W. slope.

39.81 Proportionate distance, find no trace of the $\frac{1}{4}$ sec. cor., secs. 7 and 18.

On W. slope, 280 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. secs. 7 and 18, with brass cap marked

$$\frac{\frac{1}{4} S7}{S18}$$

1940

from which

A spruce, 15 ins. diam., bears S. 65° W., 21 lks. dist., marked $\frac{1}{4}$ S18 BT.

A limber pine, 12 ins. diam., bears N. 20° W., 18 lks. dist., marked $\frac{1}{4}$ S7 BT.

Continue on same line with continuous measurement.

41.00 Descent becomes gradual, bears N. and S.

63.00 Small draw, drains S.; continue descent.

69.00 Draw, drains S.; continue descent.

77.04 The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the township, heretofore described, 200 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken and mountainous with a general southerly exposure and drainage.

Soil, shallow clay with a rocky surface; 4th rate.

Timber, aspen, spruce, fir, and pine.

Undergrowth, sage, service berry, wild gooseberry, and buck brush, weeds, and grass.

Exceedingly good grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION OF T. 21 S., R. 4 E.

Chains

series 9

From the cor. of secs. 3, 10, and 11, marked A
West, on true line, bet. secs. 3 and 10.

Over gradual SE. slope of rolling mountainous land, through scattered clumps of dense timber and undergrowth.

0.20 Small stream flows S. 20° E.

1.70 Small stream, flows S. 20° E.

17.00 Base of abrupt ascent over ledgy SE. breaks of White Mountain, 160 ft. above cor., bears NE. and SW.

37.20 Small ravine, 50 ft. deep, drains S.

40.00 Record distance; find no trace of the 1/4 sec. cor. secs. 3 and 10.

On abrupt SE. slope, 580 ft. above base of White Mountain.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor. sec. 10, with brass cap marked

1/4 S10

1940

from which

A Douglas fir, 16 ins. diam., bears S. 33° 15' E., 36 lks. dist., marked 1/4 S10 BT.

A Douglas fir, 18 ins. diam., bears S. 68° W., 91 lks. dist., marked 1/4 S10 BT.

Land, rough and mountainous, with a general southeasterly exposure and drainage.
Soil, shallow clay loam with a rocky surface; 4th rate.
Timber, fir, pine, spruce, and aspen.
Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds and grass.
Exceedingly good grazing land.

SUBDIVISION OF T. 21 S., R. 4 E.

From the cor. of secs. 9, 10, 15, and 16, heretofore described.

N. 0° 02' W., bet. secs. 9 and 10.

Ascend steep rocky S. breaks of White Mountain, through dense timber and undergrowth.

40.00 Record dist., find no trace of 1/4 sec. cor. to secs. 9 and 10.

On steep S. slope of breaks of White Mountain, 310 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked

S9

S10

1940

from which

A spruce, 6 ins. diam., bears S. 76° E., 39 lks. dist., marked 1/4 S10 BT.

SUBDIVISION OF T. 21 S., R. 4 E.

Chains

A Douglas fir, 12 ins. diam., bears N. 86° W., 46 lks. dist., marked $\frac{1}{4}$ S9 BT.

- 43.00 Ascent becomes more gradual, bears E. and W.
- 55.50 Intersect a large spring of good water, which flows a stream 7 lks. wide, 4 ins. deep, S. 70° E.
- 70.50 Base of abrupt ascent over ledgy SE. rim of White Mountain, bears NE. and SW.
- 77.30 Top of SE. rim of White Mountain, 390 ft. above the $\frac{1}{4}$ sec. cor., bears N. 60° E. and S. 60° W.; thence over rolling top of White Mountain.
- 79.50 At the intersection of a line projected West, from the $\frac{1}{4}$ sec. cor. sec. 10.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 3 and 10, with brass cap marked

	T21S R4E	
	S3	
S9		S10

1940

from which

A spruce, 6 ins. diam., bears N. 30° E., 181 lks. dist., marked T21S R4E S3 BT.

A spruce, 6 ins. diam., bears S. 18° E., 30 lks. dist., marked T21S R4E S10 BT.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 4 and 9, with brass cap marked

	T21S R4E	
	S4	
	S9	S3

1940

from which

A spruce, 10 ins. diam., bears S. 88° W., 378 lks. dist., marked T21S R4E S9 BT.

A spruce, 5 ins. diam., bears N. 30° 45' W., 54 lks. dist., marked T21S R4E S4 BT.

Land, broken S. breaks of White Mountain.
Soil, shallow clay with a rocky surface; 4th rate.
Timber, spruce, fir, pine, and aspen.
Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds and grass.
Exceedingly good grazing land.

From the $\frac{1}{4}$ sec. cor. sec. 10.

West, bet. secs. 3 and 10.

Along broken S. breaks of White Mountain, through dense timber and undergrowth.

- 0.55 Point which is East, 40.00 chs. dist. from the cor. of secs. 3 and 10.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. sec. 3, with brass cap marked

Chains

	<p style="text-align: center;">$\frac{1}{4}$ S3 ✓</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">from which</p> <p>A balsam, 8 ins. diam., bears N. 25° E., 71 lks. dist., marked $\frac{1}{4}$ S3 BT.</p> <p>A limber pine, 24 ins. diam., bears N. 86° W., 124 lks. dist., marked $\frac{1}{4}$ S3 BT.</p>
15.60	Small stream in bottom of shallow ravine, flows S. 20° E.
35.50	Base of nearly vertical SE. rim of top of White Mountain, 100 ft. high, bears NE. and SW.
39.00	Top of SE. rim of White Mountain, 320 ft. above the $\frac{1}{4}$ sec. cor. sec. 10, bears NE. and SW.; thence over rolling top of White Mountain.
40.55	The cor. of secs. 3 and 10, which is S. 0° 02' E., 50 lks. dist. from the cor. of secs. 4 and 9.
	<p>Land, broken breaks of White Mountain.</p> <p>Soil, shallow clay with a rocky surface; 4th rate.</p> <p>Timber, spruce, pine, fir, and aspen.</p> <p>Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds and grass.</p> <p>Exceedingly good grazing land.</p>
	<p>From the cor. of secs. 4 and 9.</p> <p>N. 0° 02' W., on true line, bet. secs. 3 and 4.</p> <p>Over rolling top of White Mountain, through scattered clumps of dense timber and undergrowth.</p>
2.00	Intersect a spruce, 10 ins. diam., which I mark with 2 notches on N. and S. faces for line tree.
25.00	Top of N. rim of White Mountain, bears E. and W.; descend abruptly over ledgy N. breaks of mountain.
29.96	Intersect a Douglas fir, 10 ins. diam., which I mark with 2 notches on N. and S. faces for line tree.
39.50	On steep N. breaks of White Mountain
	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 3, with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$ S3</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">from which</p> <p>A Douglas fir, 10 ins. diam., bears N. 27° 30' E., 33 lks. dist., marked $\frac{1}{4}$ S3 BT.</p> <p>A spruce, 6 ins. diam., bears S. 39° E., 13 lks. dist., marked $\frac{1}{4}$ S3 BT.</p>
40.00	On abrupt N. slope, 480 ft. below top of White Mountain.
	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 4, with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$ S4</p> <p style="text-align: center;">1940</p>

SUBDIVISION OF T. 21 S., R. 4 E.

Chains

from which

A Douglas fir, 16 ins. diam., bears S. 5° W., 125 lks. dist., marked 1/4 S4 BT.

A Douglas fir, 12 ins. diam., bears N. 41° W., 116 lks. dist., marked 1/4 S4 BT.

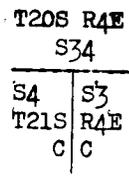
56.00 Limestone ledge, 20 ft. high, faces N. and bears E. and W.

60.50 From this point, the W. edge of circular lake, 3 chs. wide, N. and S., and 6.00 chs. long E. and W., bears East, 10.00 chs. dist.; thence descend more gradual N. slope.

68.10 Intersect the Fourth Standard Parallel South, N. 89° 52' W., 7.40 chs. dist. from the standard 1/4 sec. cor. sec. 34, T. 20 S., R. 4 E., an iron post, 1 in. diam., set, marked and witnessed, as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

At point of intersection; on steep N. slope, 340 ft. below the 1/4 sec. cor. sec. 4.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap marked



1940

from which

A balsam, 10 ins. diam., bears S. 10° 30' E., 130 lks. dist., marked T21S R4E S3 CC BT.

An aspen, 10 ins. diam., bears S. 39° W., 22 lks. dist., marked T21S R4E S4 CC BT.

Land, rolling top and broken N. breaks of White Mountain. Soil, shallow dark clay with a rocky surface; 4th rate. Timber, fir, spruce, pine, and aspen. Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass. Exceedingly good grazing land.

July 17, 1940; stationed at the cor. of secs. 8, 9, 16, and 17, in approximate latitude 38° 59' N., longitude 111° 28' W., at 11h 57.6m a.m. correct 105th meridian standard time, I make an hour angle observation on Polaris West of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a tree about 36 chains N., in a westerly direction to the star.

Local mean time of observation.....	11h 31.7m a.m.
Mean horizontal deflection angle, from tree to tree.....	1° 15' W.
Azimuth of Polaris.....	1° 18' W.
True bearing to tree.....	N. 0° 03' W.

Thence, from the above cor.

N. 0° 03' W., bet. secs. 8 and 9.

Ascend steep broken ledgy S. breaks of White Mountain, through dense timber and undergrowth.

SUBDIVISION OF S. 21 T. 21 R. 4 E.

Chains

and 9

36.70 Top of S. rim of White Mountain, 1060^{ft} above cor., bears E. and W.; thence across rolling top of White Mountain.

40.00 On rolling top of White Mountain.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked



1940

from which

A spruce, 12 ins. diam., bears N. 56° 15' E., 38 lks. dist., marked 1/4 S9 BT.

A spruce, 10 ins. diam., bears N. 80° 15' W., 74 lks. dist., marked 1/4 S8 BT.

61.10 Top of NW. rim of White Mountain, bears NE. and SE.; descend abruptly over ledgy NW. breaks of mountain.

20.00 On ledgy NW. slope, 240 ft. below top of mountain.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, with brass cap marked

T21S R4E

S5 | S4

S8 | S9

1940

from which

A spruce, 8 ins. diam., bears N. 37° E., 54 lks. dist., marked T21S R4E S4 BT.

A spruce, 10 ins. diam., bears S. 42° E., 36 lks. dist., marked T21S R4E S9 BT.

A spruce, 10 ins. diam., bears S. 54° W., 24 lks. dist., marked T21S R4E S8 BT.

A spruce, 10 ins. diam., bears N. 39° 30' W., 38 lks. dist., marked T21S R4E S5 BT.

Land, broken NW. and S. breaks and rolling top of White Mountain. Soil, shallow dark loam, with a rocky surface. Timber, fir, spruce, pine, and aspen. Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass. Exceedingly good grazing land.

N. 29° 43' E., on random line, bet. secs. 4 and 9.

40.00 Set temp. 1/4 sec. cor.

72.00 Intersect the cor. of secs. 4 and 9.

Thence:

S. 29° 43' W., on true line, bet. secs. 4 and 9.

Over rolling top of White Mountain, through slumps of scrub timber.

Chains

39.95

On rolling top of White Mountain.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S4

S9

1940

from which

A spruce, 10 ins. diam., bears N. 25° 30' E., 117 lks. dist., marked $\frac{1}{4}$ S4 BT.

A spruce, 14 ins. diam., bears S. 54° W., 124 lks. dist., marked $\frac{1}{4}$ S9 BT.

59.40

The top of NW. rim of White Mountain, bears NE. and SW.; thence descend abruptly over broken NW. breaks of mountain.

79.90

The cor. of secs. 4, 5, 8, and 9, 300 ft. below top of mountain.

Land, rolling top of broken NW. breaks of White Mountain. Soil, shallow dark loam, with a rocky surface; 4th rate. Timber, spruce, fir, and pine. Undergrowth, sagebrush, weeds, and grass. Exceedingly good grazing land.

N. 0° 03' W., on true line, bet. secs. 4 and 5.

Descend abruptly over broken NW. slope of White Mountain, through dense timber and undergrowth.

13.20

Small stream of good water, flows NW., and heads SE., 1.00 chs. dist. at small spring.

40.00

On NW. slope, 400 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S5

S4

1940

from which

A spruce, 10 ins. diam., bears N. 57° 45' E., 37 lks. dist., marked $\frac{1}{4}$ S4 BT.

A spruce, 12 ins. diam., bears N. 53° W., 43 lks. dist., marked $\frac{1}{4}$ S5 BT.

44.60

Black Fork Creek, stream 4 lks. wide, 3 ins. deep, in ravine, 60 ft. below the $\frac{1}{4}$ sec. cor., flows N.; thence along bottom of creek channel.

56.00

Leave bottom of creek channel, 150 ft. below the $\frac{1}{4}$ sec. cor., flows N. 20° E.; thence along steep E. slope.

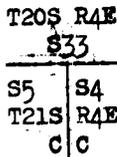
68.60

Intersect the Fourth Standard Parallel South, N. 89° 52' W., 7.28 chs. dist. from the standard $\frac{1}{4}$ sec. cor. sec. 33, T. 20 S., R. 4 E., an iron post, 1 in. diam., set, marked and witnessed as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

Chains

At point of intersection; on steep E. slope in opening.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap marked.



1940

raise a

mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, broken NW. slope of White Mountain.

Soil, shallow and deep clay loam; 3rd rate.

Timber, spruce, fir, pine, and aspen.

Undergrowth, sage and wild goose berry brush, weeds, and grass.

Exceedingly good grazing land.

From the cor. of secs. 7, 8, 17, and 18.

N. 0° 03' W., bet. secs. 7 and 8.

Ascend abrupt S. slope of S. breaks of high mountainous land, through dense timber and undergrowth.

11.80 Small stream of good water, flows S. 30° W.

37.40 Top of high ridge which forms the rim of the Great Salt Lake Basin, 250 ft. above cor., bears E. and W.; thence over high rolling mountainous land.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



1940

from which

A Douglas fir, 10 ins. diam., bears S. 32° 30' E., 138 lks. dist., marked $\frac{1}{4}$ S8 BT.

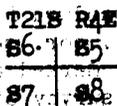
A Douglas fir, 12 ins. diam., bears N. 52° 30' W., 51 lks. dist., marked $\frac{1}{4}$ S7 BT.

46.00 Head of shallow swale, drains NW.

51.90 Low ridge, 50 ft. above swale, bears N. 10° W. and S. 30° E.

80.00 On rolling mountainous land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 5, 6, 7; and 8, with brass cap marked.



1940

SUBDIVISION OF T. 21 S., R. 4 E.

Chains

from which

A spruce, 10 ins. diam., bears N. 21° E., 117 lks. dist., marked T21S R4E S5 BT.

A spruce, 10 ins. diam., bears S. 8° W., 146 lks. dist., marked T21S R4E S7 BT.

A spruce, 15 ins. diam., bears N. 17° W., 162 lks. dist., marked T21S R4E S6 BT.

No bearing tree in sec. 8 available.

Land, broken S. breaks and rolling top of high mountain.

Soil, shallow clay with a rocky surface; 4th rate.

Timber, spruce, fir, pine, and aspen.

Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds and grass.

Exceedingly good grazing land.

N. 89° 55' E., on random line, bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 12 lks. N. of the cor. of secs. 4, 5, 8, and 9.

Thence:

West, on true line, bet. secs. 5 and 8.

Descend gradually along NW. slope of NW. breaks of White Mountain, through dense timber and undergrowth.

18.00 Black Fork Creek, stream 5 lks. wide, 4 ins. deep, in ravine, 60 ft. below cor., flows N.; ascend gradual NE. slope.

40.00 On gradual NE. slope, 200 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S5}{S8}$

1940

from which

A spruce, 16 ins. diam., bears S. 36° 30' E., 47 lks. dist., marked $\frac{1}{4}$ S8 BT.

A Douglas fir, 15 ins. diam., bears N. 69° W., 21 lks. dist., marked $\frac{1}{4}$ S5 BT.

53.00 Base of abrupt ascent over ledgy NE. slope, bears NW. and SE.

55.00 Top of NE. rim of White Mountain, 100 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence over gradual NE. slope of high mountain land.

57.50 Shallow draw, drains NE.

73.00 Wide shallow draw, drains NE.

80.00 The cor. of secs. 5, 6, 7, and 8, 50 ft. above rim of mountain.

Land, rough and mountainous, with a general northeasterly and north-westerly exposure and drainage.

Soil, shallow dark loam, with a rocky surface; 4th rate.

SUBDIVISION OF T. 21 S. R. 4 E.

Chains	Description
	Timber, spruce, fir, and pine. Undergrowth, sage, wild goose berry, and buck brush, weeds, and grass Exceedingly good grazing land.
	S. 89° 56' W., on random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.10	Intersect the W. bdy. of the township, 14 lks. N. of the cor. of secs. 1, 6, 7, and 12, heretofore described.
	Thence:
	N. 89° 50' E., on true line, bet. secs. 6 and 7.
	Ascend abrupt SW. slope of high mountainous land, through dense timber and undergrowth.
5.50	Base of abrupt ascent over ledgy SW. slope of high ridge, bears NW. and SE.
23.30	Top of ledges and abrupt ascent, bears NW. and SE.; thence ascend gradual SW. slope.
28:30	Top of spur, 550 ft. above cor., slopes SE.; descend gradual NE. slope
30.40	Draw, 80 ft. below spur, drains S., 6.00 chs. dist. to the N. edge of circular lake, 3.00 chs. in diam.; ascend gradual W. slope.
37.10	On gradual W. slope, 80 ft. above draw.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S6 — S7
	1940
	from which
	A Douglas fir, 10 ins. diam., bears S. 12° W., 35 lks. dist., marked $\frac{1}{4}$ S7 BT.
	A Douglas fir, 10 ins. diam., bears N. 40° W., 27 lks. dist., marked $\frac{1}{4}$ S6 BT.
49.50	Top of high divide ridge which forms the rim of the Great Salt Lake Basin, 200 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; thence over high rolling mountainous land.
54.00	Shallow draw near head, drains N. to Mill Fork Creek.
64.60	Shallow draw, drains N. to Mill Fork Creek
73.00	Ridge, 150 ft. above draw, bears N. and S.
77.10	The cor. of secs. 5, 6, 7, and 8.
	Land, high and mountainous. Soil, shallow dark clay loam, with a rocky surface; 4th rate. Timber, spruce, fir, pine, and aspen. Undergrowth, sage, service berry, wild goose berry, and buck brush, weeds, and grass. Exceedingly good grazing land.

SUBDIVISION OF T. 21 S., R. 4 E.

Chains

N. 0° 03' W., on true line, bet. secs. 5 and 6.

Descend gradually over NE. slope of high mountainous land, through dense timber and undergrowth.

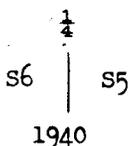
10.70 Slope changes from a gradual NE. slope to an abrupt N. slope.

21.90 Slope changes from an abrupt N. slope to an abrupt NW. slope.

35.00 Head of small spring branch, flows NE.

40.00 On NW. slope, 320 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor., with brass cap marked



from which

A balsam, 15 ins. diam., bears N. 50° E., 25 lks. dist., marked 1/4 S5 BT.

A balsam, 16 ins. diam., bears N. 25° W., 28 lks. dist., marked 1/4 S6 BT.

43.50 Recross small spring branch, flows N. 60° W.

51.40 Small spring branch, flows N. 60° W.

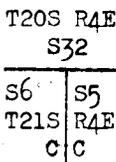
52.90 Mill Fork Creek, 5 lks. wide, 3 ins. deep, in ravine, 200 ft. below the 1/4 sec. cor., flows N. 20° E.; thence descend gradually along E. slope. Leave timber, bears E. and W.

60.10 Small spring branch, flows N. 70° E.

68.60 Intersect the Fourth Standard Parallel South, N. 89° 52' W., 7.38 chs. dist. from the standard 1/4 sec. cor. secs. 32, T. 20 S., R. 4 E., an iron post, 1 in. diam., set, marked and witnessed as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

At point of intersection; on gradual E. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the closing cor. of secs. 5 and 6, with brass cap marked



1940

raise a

mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, high and mountainous, with a general northerly exposure and drainage.

Soil, shallow dark loam, with a rocky surface; 4th rate.

Timber, spruce, fir; pine, and aspen.

Undergrowth, sage, service berry, wild gooseberry, and buck brush, weeds and grass.

Exceedingly good grazing land.

Chains

said

ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS
ON FOURTH STANDARD PARALLEL SOUTH, FOR T. 21 S., R. 4 E.

From the closing cor. of secs. 2 and 3, T. 21 S., R. 4 E., heretofore described.

N. 89° 52' W., along the N. bdy. of sec. 3.

33.94 The standard cor. secs. 34 and 35, T. 20 S., R. 4 E., an iron post, 2 ins. diam., set, marked and witnessed, as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

41.34 Point which is an easting of 40.00 chs. from the closing cor. of sec. 3 and 4, T. 21 S., R. 4 E.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 3, T. 21 S., R. 4 E., with brass cap marked

$\frac{1}{4}$ S3

1940

from which

A Douglas fir, 18 ins. diam., bears S. 55° E., 20 lks. dist., marked $\frac{1}{4}$ S3 BT.

A Douglas fir, 16 ins. diam., bears S. 60° W., 14 lks. dist., marked $\frac{1}{4}$ S3 BT.

73.94 The standard $\frac{1}{4}$ sec. cor. sec. 34, T. 20 S., R. 4 E., an iron post, 1 in. diam., set, marked and witnessed as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

81.34 The closing cor. of secs. 3 and 4, T. 21 S., R. 4 E., heretofore described.

N. 89° 52' W., along the N. bdy. of sec. 4.

32.60 The standard cor. of secs. 33 and 34, T. 20 S., R. 4 E., an iron post 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 20 S., R. 4 E., of this group.

39.94 Point midway bet. the closing cors. of secs. 3 and 4, and secs. 4 and 5, T. 21 S., R. 4 E.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 4, T. 21 S., R. 4 E., with brass cap marked

$\frac{1}{4}$ S4

1940

from which

A balsam, 8 ins. diam., bears S. 69° E., 27 lks. dist., marked $\frac{1}{4}$ S4 BT.

A balsam, 8 ins. diam., bears S. 12° W., 37 lks. dist., marked $\frac{1}{4}$ S4 BT.

72.60 The standard $\frac{1}{4}$ sec. cor. sec. 33, T. 20 S., R. 4 E., an iron post, 1 in. diam., set, marked and witnessed, as described in the official record of the survey of T. 20 S., R. 4 E. of this group.

79.88 The closing cor. of secs. 4 and 5, T. 21 S., R. 4 E., heretofore described.

GENERAL DESCRIPTION OF T. 21 S., R. 4 E.

The land within the boundaries of fragmentary T. 21 S., R. 4 E., Salt Lake Meridian, Utah, consists of the broken steep slopes of White Mountain. The top of White Mountain consists of a high rolling plateau at an elevation of about 10,500 feet above sea level, and is rimmed with broken white limestone ledges and steep rocky and ledgy slopes.

The soil throughout most parts of the fractional township consists of a shallow clay loam, with a rocky surface, and may be classified as fourth rate.

Except for the numerous open parks, it is covered with a dense growth of fir, spruce, pine, and aspen timber, some of which is suitable for the making of lumber.

The undergrowth consists of a medium dense growth of dwarf timber, service berry, wild goose berry, and buck brush, and grass and weeds, which affords excellent grazing for stock.

An abundant supply of water was found, consisting of small spring branches, streams, lakes, and marshes.

The only improvements found in the portion of the township surveyed were drift fences for stock located in the SE $\frac{1}{4}$ of sec. 10, and the NE $\frac{1}{4}$ sec. 3.

No indications of oil, oil shale, coal, or mineral were found, and no portion of it is suitable for farming.

All of the ~~fractional~~ township is within the boundaries of the Fish Lake National Forest and is used for summer grazing range for stock under the supervision of the Forest Service.

No persons were living on the township at the time of the survey.

The mean magnetic declination was found to be 15° 30' E.

CERTIFICATE OF UNITED STATES SURVEYOR

Elliot Bird, Cadastral Engineer, and
 We, Alwyn C. Alberga, Public Land Surveyor HEREBY CERTIFY upon honor that,
 pursuant of special instructions bearing date of the 24th day of May 1939
 received from the district cadastral engineer for Utah with assignment
 and supplemental assignment instructions dated June 15, 1940
 instructions dated July 14, 1939, / We have surveyed dependent resurvey of part
 of the west boundary and subdivision, survey of a portion of the sub
 and establishment of quarter section corners between closing corners
 the Fourth Standard Parallel South, completing the survey of
 T. 21 S., R. 4 E.
 of the Salt Lake Meridian, in the State of Utah, which a
 represented in the foregoing field notes as having been executed by us and under our direction; and that sa
 survey has been made in strict conformity with said instructions, the Manual of Instructions for the Surve
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
 Salt Lake City, Utah.
 December 21, 1940

Elliot Bird
 Cadastral Engineer
Alwyn C. Alberga
 Public Land Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, December 3, 1943

The foregoing field notes of the survey of dependent resurvey of portions of the
 west boundary and subdivision, survey of a portion of the subdivision,
 and establishment of quarter section corners between closing corners
 on the Fourth Standard Parallel South, completing the survey of
 T, 21 S., R. 4 E.
 executed by Elliot Bird, Cadastral Engineer, and Alwyn C. Alberga,
 Public Land Surveyor
 under special instructions dated May 24, 1939, and assignment
 instructions dated July 14, 1939 and supplemental /, having been critically examined, and
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
 therein described, are hereby approved.

Donald A. Johnson
 U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
 is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

INDEX DIAGRAM

Township 22 SOUTH, Range 1 EAST

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DEPENDENT RESURVEY, T. 22 S., R. 1 E., SALT LAKE MER., UTAH

Township 22 South, Range 1 East of the Salt Lake Meridian, Utah is located in the Fish Lake National Forest, and this resurvey was initiated at the official request of the U. S. Forest Service.

The official survey of this township is shown upon a plat approved March 19, 1878. The west boundary, or the Salt Lake Meridian, was surveyed by Bailey and Burrill in 1872 and the south three miles of this line was resurveyed by Page and Swan in 1897. The north, east, and south boundaries and the subdivisional lines were surveyed by Augustus D. Ferron in 1877. The north boundary was resurveyed by Edward C. Koeber in 1891 in connection with the partial survey of T. 21 S., R. 1 E., and again resurveyed by J. C. Clark in 1945 in the completion survey of the township. The following field notes are those of a dependent resurvey of the west, south and east boundaries and subdivisional lines of the township.

Before remonumenting or restoring a corner the lines of the original survey were retraced and a diligent search made for evidence called for in the original field notes. After completing the necessary retracements, the rules of proportionate measurement were applied in order to ascertain the position of each lost corner, and when duly identified or restored, the corner positions were remonumented with iron posts. In order to simplify the record, only the true line notes referring to the completed resurvey are supplied here.

The geographic position of the southeast corner of the township, computed from ties made to the U. S. C. & G. Survey station "Black Cap" in section 29, T. 21 S., R. 1 E. during the completion survey of that township, is as follows: Latitude $38^{\circ}50'39''$ N., and longitude $111^{\circ}44'16''$ W. Latitude observations made on line during the progress of the resurvey check this value.

The resurvey was commenced May 23, 1946 and was executed with Buff and Buff solar transit No. 14191, constructed in accordance with the standard specifications of the General Land Office. The horizontal plate has a diameter of $4\frac{1}{2}$ ins. with two double verniers placed opposite to each other; the verticle circle has a diameter of 4 ins. with one double vernier. The instrument is equipped with an improved telescopic solar attachment; the radius of its latitude arc being 3 ins. and that of its declination arc $3\frac{1}{2}$ ins. The verniers of the horizontal plate, vertical circle, latitude and declination arcs are all graduated to single minutes of arc. The instruments were in good condition and were placed in satisfactory adjustment prior to the beginning of the resurvey.

The direction of the lines of the resurvey were determined by the use of the solar attachment. The measurements were made with Lallie steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. The measurements were made on the slope, the verticle angles determined by the use of clinometers and the slope distances properly reduced to horizontal equivalents, which appear in the field notes.

At camp, located in the southeast quarter of section 21, T. 22 S., R. 1 E., in latitude $38^{\circ}52'30''$ N., longitude $111^{\circ}48'$ W., on May 23, 1946 at 3:11.1 p.m. 105th meridian standard time as determined by radio signals, I observe Polaris at western elongation, making four settings, two each with the telescope in direct and reversed positions,

DEPENDENT RESURVEY, T. 22 S., R. 1 E., SALT LAKE MER., UT

marking the mean position in the line thus determined by nail in a hub ten chains north of my station. Azimuth of Polaris $1^{\circ}16'45''$ W. From this nail, I set a second hub and nail to the east 14.72 ft., defining the true meridian.

Every hour on May 25, 1946, from 7:00 a.m. to 10:30 a.m. and from 1:30 to 5:00 p.m., I make the proper settings on the arcs of the solar attachment and ascertain that the orientations of the instrument, when compared with the meridian established by Polaris observations, have a maximum error of less than $1'30''$. I repeat the tests of the arcs daily when conditions are favorable by noon observations, and verify the meridional indications at frequent intervals during the survey.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Reestablishment of the Surveys Executed by
Bailey and Burrill, Deputy Surveyors, 1872.

From the cor. of Tps. 21 and 22 S., Rs. 1 E. and 1 W., mkd. by an iron post, 3 ins. diam., firmly set, properly marked and witnessed as described in the official record.

S. $0^{\circ}43'$ E., between secs. 1 and 6.

Over mountainous land, through widely scattered timber and scant undergrowth, along an old fence line; ascend 135 ft. along a NW. slope to spur.

- 3.00 Irrigation ditch, drains SW.
- 6.70 Cor. of fences which bear N. and SW.
- 8.90 Spur, projects W., continue ascent along a NW. slope.
- 38.80 Draw, drains NW. from E., ascend a N. slope.
- 40.20 The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, mkd. by a granite stone, $10 \times 6 \times 6$ ins., firmly set in the ground and in a mound of stone. Mkd. $\frac{1}{2}$ on the west face of stone. Point is on a spur, projecting N. 60° W.

At the cor. point

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 S1 | S6
 1946

No suitable trees available for marking.

Deposit the original stone monument alongside the iron post

S. $0^{\circ}29'$ W., beginning new measurement.

Descend 15 ft. along a SW. slope.

- 6.30 Draw, drains NW., ascend 85 ft. along a NE. slope.
- 9.70 Spur, projects W., descend 85 ft. along a SW. slope.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Chains

- 19.50 Draw, drains NW., ascend 75 ft. along a N. slope.
- 41.00 Point for the cor. of secs. 1, 6, 7, and 12, at proportionate distance, located on a spur projecting W. No trace of the original cor. found.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

T22S	
R1W	R1E
S1	S6
+	
S12	S7
1946	

Deposit broken glass around the iron post.

No suitable trees available for marking.

Land, rough mountains.

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, shad scale, weeds and grass.

S. 0°29' W., between secs. 7 and 12.

Over broken mountain land, through widely scattered timber and scant undergrowth. Descend 105 ft. over steep S. slope.

- 5.00 Draw, drains SW. from E., ascend 45 ft. along NW. slope.
- 10.40 Spur, projects S. 60° W., descend 50 ft. along SW. slope.
- 15.80 Draw, drains W., ascend 55 ft. along a NW. slope.
- 17.00 Spur, projects W., descend 30 ft. along a W. slope.
- 20.00 Draw, drains NW., ascend 105 ft. along a NE. slope.
- 37.20 Long spur, projects N. 60° W., descend 5 ft. along a SW. slope.
- 37.50 Point for the witness $\frac{1}{4}$ sec. cor. of secs. 7 and 12.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$	
↓	
S12	S7
↓	
WC	
1946	

Deposit broken glass around the iron post.

No suitable trees available for marking.

Descend 75 ft. along a steep SW. slope.

- 41.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, at proportionate distance, falls upon a steep clay slope where the monument cannot be perpetuated. No trace of the original cor. found.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Chains	Descend 85 ft. along a SW. slope.										
44.80	Draw, drains NW., ascend 145 ft. along a NE. slope.										
57.91	The point originally set as a witness cor. of secs. 7, 12, 13, and 18, mkd. by a juniper stake, 3 ft. long, 2 ins. diam., firmly set in the ground, faint scribe marks still visible on the stake, falls on the top of a spur sloping W.										
	At the angle point.										
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.										
	<div style="text-align: center;"> <p>T22S</p> <table border="1" style="margin: auto;"> <tr><td>R1W</td><td>R1E</td></tr> <tr><td>S12</td><td>S7</td></tr> <tr><td colspan="2">AP</td></tr> <tr><td colspan="2">1946</td></tr> </table> </div>	R1W	R1E	S12	S7	AP		1946			
R1W	R1E										
S12	S7										
AP											
1946											
	Deposit broken glass around the iron post and bury the original wood stake alongside the iron post.										
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	S. 0°16' W., beginning a new measurement.										
7.20	Small draw, drains N. 60° W., ascend 65 ft. along a NE slope.										
14.10	Spur, projects NW., descend 25 ft. along a SW. slope.										
22.00	Draw, drains NW., ascend 25 ft. along a NE. slope.										
23.78	Point for the cor. of secs. 7, 12, 13, and 18, at proportionate distance. No trace of the original monument found.										
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.										
	<div style="text-align: center;"> <p>T22S</p> <table border="1" style="margin: auto;"> <tr><td>R1W</td><td>R1E</td></tr> <tr><td>S12</td><td>S7</td></tr> <tr><td colspan="2">+</td></tr> <tr><td>S13</td><td>S18</td></tr> <tr><td colspan="2">1946</td></tr> </table> </div>	R1W	R1E	S12	S7	+		S13	S18	1946	
R1W	R1E										
S12	S7										
+											
S13	S18										
1946											
	Deposit broken glass around the iron post.										
	No suitable trees available for marking.										
	Land, broken clay hills.										
	Soil, deep, heavy clay.										
	Timber, juniper.										
	Undergrowth, shadscale, weeds, and grass.										
	S. 0°16' W., along the W. bdy. of sec. 18.										
	Over broken land with numerous small spurs and draws putting NW.										
40.48	Point for the $\frac{1}{4}$ sec. cor. of sec. 18, at proportionate distance.										
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.										

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Chains

1/4 S18

1946

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, E. of cor.

No suitable trees available for marking.

Ascend 25 ft. along a NE. slope.

44.60 Spur, projects NW., descend 65 ft. along a SE. slope.

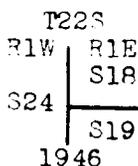
50.00 Draw, drains SW., ascend 85 ft. along a NW. slope.

56.90 Draw, drains SE.

73.00 Draw drains W., ascend 125 ft. along a broken NE. slope.

80.96 Point for the cor. of secs. 18 and 19, at proportionate distance. No trace of the original cor. found.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.



Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, E. of cor.

No suitable trees available for marking.

Land, rolling clay hills.

Soil, deep, heavy clay.

Timber, juniper.

Undergrowth, shadscale, greasewood, sedes and grass.

S. 0°16' W., along the W. bdy. of sec. 19.

Over rolling clay hills, through widely scattered timber and scant undergrowth, ascend along a broken NE. slope over small spurs and draws putting NE.

30.00 Ridge, bears NW. and SE., descend 100 ft. along a SW. slope

39.10 Draw, drains W., ascend 35 ft. along a NE. slope.

40.48 Point for the 1/4 sec. cor. of sec. 19, at proportionate distance. No trace of the original cor. found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.

1/4 S19

1946

Raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

No suitable trees available for marking.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Chains	Ascend 75 ft. along a NE. slope.
50.90	Spur, projects W., descend 65 ft. along a SW. slope.
60.10	Draw, drains W., ascend 150 ft. along a NW. slope.
67.22	The point originally set as a witness $\frac{1}{4}$ sec. cor. of sec. secs. 19 and 24, marked by a trachyte stone, 32x15x2 ins. firmly set in the ground, and in a mound of stone, mkd. WO on the W. face.
	At the angle point.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.
	<pre> AP T22S R1W R1E S24 S19 1946 </pre>
	Deposit the original stone along the side of the post.
	S. 0°23' W., beginning new measurement.
8.00	Small draw, drains NW.
12.21.	The cor. of secs. 19 and 30, T. 22 S., R. 1 E., mkd. by a granite stone, 18x10x6 ins., firmly set in the ground and in a mound of stone, mkd. with 2 grooves on the south and 4 grooves on the north face.
	At the cor. point.
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.
	<pre> T22S R1W R1E S24 S19 S30 1946 </pre>
	Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, E. of cor.
	Deposit the original stone along side the iron post.
	Land, rough mountain slopes.
	Soil, rocky clay loam.
	Timber, juniper and pinon.
	Undergrowth, sagebrush, shadscale, weeds and grass.
	S. 0°11' E., along the W. bdy. of sec. 30.
	Over mountainous land through scattered timber and scant undergrowth.
2.00	Enter small draw draining NW. from S.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Chains

- 16.80 Leave draw, drains N. from SE., ascend 205 ft. along a general N. slope.
- 22.80 Spur, projects NW., descend along a SW. slope.
- 31.00 Draw drains W., ascend 125 ft. along a NW. slope.
- 36.96 Point for the $\frac{1}{4}$ sec. cor. of sec. 30, at proportionate distance. No trace of the original cor. found.
- Set an iron post, 3 ft. long, and 1 in. diam., 30 ins. in the ground, with brass cap mkd.

$$\left| \frac{1}{4} S30 \right.$$

1946

Deposit broken glass at the base of the post.

No suitable trees available for marking.

Ascend 150 ft. along a N. slope.

- 52.10 Top of mountain, bears NE. and SW., continue over rolling top.

- 73.93 The cor. of secs. 30 and 31, T. 22 S., R. 1 E., mkd. by a trachyte stone, 24x18x8 ins., firmly set in the ground and in a mound of stone, and marked with 5 notches on the north and one on the south edges.

from which the original bearing trees:

A juniper, 7 ins. diam., bears N. $86^{\circ}43'E.$, 40 lks. dist., mkd. T22S R1E S30 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$T22S$$

R1W	R1E
S25	S30
	S31

1946

Deposit the original cor. stone alongside the iron post.

No suitable trees available for marking.

Land, rough and broken mountain slopes.

Soil, rocky clay loam.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, mountain rush, sage and bitter brush.

S. $0^{\circ}43'E.$, along the W. bdy. of sec. 31.

Over rolling mountain top, through scattered timber and scant undergrowth.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN INCT. 22 S.

Chains

- 7.00 South edge of mountain top, descend 85 ft. along a S. slope
- 10.80 North end of fence, continue along fence line.
- 14.50 Small draw, drains S. 80° W., descend 185 ft. along a S. slope.
- 17.30 Spur, projects S. 80° W., descend 185 ft. along a S. slope.
- 30.06 The cor. of secs. 25 and 36, T. 22 S., R. 1 W., mkd. by a trachyte stone, 16x12x8 ins., firmly set in the ground, and marked with 1 groove on the south and five grooves on the north edge, and surrounded by a mound of stone.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T22S	
R1W	R1E
S25	S31
S36	
1946	

Deposit the original stone alongside the iron post.

No suitable trees available for marking.

S. 0°23' E., beginning new measurement.

- 12.18 The $\frac{1}{4}$ sec. cor. of sec. 31, mkd. by a trachyte stone, 20x10x8 ins., firmly set in the ground, marked $\frac{1}{4}$ on the W. face, and from which:

A juniper, 13 ins. in diam., bears S. 41°15' E., 13 lks. dist., mkd. $\frac{1}{4}$ S BT.A juniper, 27 ins. diam., bears N. 37°04' W., 19 lks. dist., mkd. $\frac{1}{4}$ S BT. I destroy the marks on this tree.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

	$\frac{1}{4}$ S31
	1946

From which

A juniper, 3 ins. diam., bears N. 37°30' E., 18 lks. dist., mkd. BT.

S. 0°44' E., beginning new measurement.

- 10.80 Ungraded road, bears N. 80° E. and S. 80° W.
- 15.10 Wash, 60 lks. wide and 60 ft. deep, drains N. 60° W.
- 19.90 Wash, 50 lks. wide and five ft. deep, drains NW.

DEPENDENT RESURVEY OF THE SALT LAKE MERIDIAN IN T. 22 S.

Chains

28.03 Point for the $\frac{1}{4}$ sec. cor. of sec. 36, at proportionate distance. No trace of the original cor. found.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

| $\frac{1}{4}$ S36
1946

Deposit broken glass around the iron post.

No suitable trees available for marking.

39.51 The cor. of Tps. 22 and 23 S., R. 1 E., mkd. by a trachyte stone, 17x10x6 ins., firmly set in the ground, and in a mound of stone, marked with 6 grooves on each of the N., S., E., and W. edges, and from which:

A juniper, 10 ins. diam., bears N. 43°45' E., 253 lks. dist., mkd. BT.

A juniper, 4 ins. diam., bears S. 79°15' E., 290 lks. dist., mkd. BT.

A juniper, 8 ins. diam., bears N. 89°30' W., 212 lks. dist., mkd. BT.

At the cor. point

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with brass cap mkd.

T22S
R1W | R1E
 | S31
 |
 | S6
T23S
1946

Deposit original stone at the base of the iron post.

Land, rough mountain slopes in the N., rolling in the S. Soil, rocky clay loam.

Timber, dwarf juniper and pinon.

Undergrowth, shadscale, sage and bitter brush.

DEPENDENT RESURVEY, S. BDY., T. 22 S., R. 1 E.

Reestablishment of the Surveys Executed by
Augustus D. Ferron, Deputy Surveyor, 1877.

From the cor. of Tps. 22 and 23 S., R. 1 E.

S. 89°38' E., between secs. 6 and 31.

Over rolling land through medium dense timber and scant undergrowth.

35.40 Trail, bears N. and S.

38.37 Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31, at proportionate dist. No trace of original cor.

377

Chains

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Deposit broken glass at the base of the iron post.

78.34

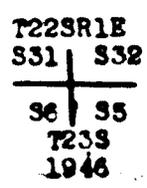
The cor. of secs. 5, 6, 31, and 32, mkd. by a trachyte stone, 26x18x5 ins., firmly set in the ground and in a mound of stone, from which:

A juniper, 6 ins. diam., bears N. 57°30' E., 77 lks. dist., mkd. T22S R1E S32 BT.

A juniper, 5 ins. diam., bears S. 45°08' W.; 35 lks. dist., mkd. T23S R1E S6 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Deposit the original cor. stone alongside the iron post.

Land, rolling hills.
Soil, deep heavy clay.
Timber, dwarf juniper and pinon.
Undergrowth, shadscale, sage and bitter brush.

N. 89°40' E., between secs. 5 and 32.

Over rolling mountain land; through medium dense timber and scant undergrowth. Ascend broken SW. slope.

3.80

Old road, bears NW and SE.

24.65

Small spring, flows SW.

40.90

The sec. cor. of secs. 5 and 32, mkd. by a cross (X) on the top of a porphyry boulder, 10x10x8 ins., and from which:

A juniper, 6 ins. diam., bears N. 20° E., 24 lks. dist. mkd. † S32 BT.

An oak, 5 ins. diam., bears S. 10° W., 25 lks. dist., mkd. † S5 BT.

In the center of the cross (X) on top of the boulder.

Set an iron post, 18 ins. long, 1 in. in diam., 10 ins. a hole drilled into the boulder, with brass cap mkd.



DEPENDENT RESURVEY, S. BDY., T. 22 S., R. 1 E.

Chains

N. 88°20' E., beginning new measurement.

23.00 Enter sage brush flat, ridge bears NW. and SE.

25.75 Leave sage brush flat, ridge bears NW. and SE.

31.82 Ridge bears NW. and SE.

39.99 The cor. of secs. 4, 5, 32, and 33, mkd. by a cross (X) cut into a stationary trachyte boulder, 4x3x1 ft., with 4 grooves on the E. face and 1 groove on the W. face, and from which:

A pinon, 14 ins. diam., bears N. 47°45' E., 12 lks. dist., mkd. T22S R1E S33 BT.

A juniper, 14 ins. diam., bears S. 51°00' W., 11 lks. dist., mkd. T23S R1E S5 BT.

A juniper, 12 ins. diam., bears N. 43°00' W., 34 lks. dist., mkd. T22S R1E S32 BT.

At the cor. point in the center of the cross on the rock.

Set an iron post, 12 ins. long, 2 ins. diam. 8 ins. in the rock drilled into the trachyte boulder, with brass cap mkd.

T22S R1E	S33
S32	S33
S5	S4
T23S	
1946	

Land, rough mountain slopes.

Soil, rocky clay loam.

Timber, dwarf juniper and pinon.

Undergrowth, sage and bitter brush, mountain rush.

N. 89°46' E., between Secs. 4 and 33.

Over mountainous land, through medium dense undergrowth and timber, ascend 20 ft. along a SW. slope.

4.75 Spur, slopes NW., descend 30 ft. along a NE. slope.

8.10 Draw, drains NW.

23.50 Enter widely scattered timber, bears NE. and SW.

40.32 The $\frac{1}{4}$ sec. cor. of secs. 4 and 33, mkd. by a trachyte stone, 24x20x18 ins., mkd. $\frac{1}{4}$ on the N. face, from which:A juniper, 6 ins. diam., bears N. 86° E., 24 lks. dist. mkd. $\frac{1}{4}$ S BT.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.

S33
$\frac{1}{4}$
S4
1946

Deposit the original cor. stone alongside the iron post.

379

DEPENDENT RESURVEY, S. BDY., T. 22 S., R. 1 E.

Chains

N. 89°59' E., beginning new measurement.

40.36 The cor. of secs. 3, 4, 33, and 34, mkd. by a trachyte rock, 16x12x5 ins., firmly set in the ground, with marks of 3 notches on E. and W. corners, and from which:

A juniper, 6 ins. diam., bears S. 47°45' W., 75 lks. dist., mkd. T23S R1E S4 BT.

A juniper, 5 ins. diam., bears N. 78°20' W., 118 lks. dist., mkd. T23S R1E S33 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

T22S R1E	
S33	S34
S4	S3
T23S	
1946	

Deposit the original stone alongside the iron post.

Land, rolling mountain tops.

Soil, rocky loam.

Timber, dwarf juniper and pinon.

Undergrowth, sage and bitter brush.

N. 89°36' E., between secs. 3 and 34.

Over mountainous land, through widely scattered trees medium dense undergrowth.

36.00 Shallow wash, drains NW.

39.42 Point for the 1/4 sec. cor. of secs. 3 and 34; there is no evidence of the original cor. found.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

1/4	S34
	S3
	1946

Deposit a trachyte stone, 7x5x4 ins., mkd. with a cross (X) at the base of the iron post.

78.84 The cor. of sec. 2, 3, 34, and 35, mkd. by a trachyte stone, 18x10x8 ins., firmly set in the ground and mkd. with 4 notches on the W. side and 2 notches on E. side, and from which:

A juniper, 14 ins. diam., bears S. 20°30' E., 42 lks. dist., mkd. T23S R1E S2 BT.

A juniper, 18 ins. diam., bears S. 32°30' W., 38 lks. dist., mkd. T23S T1E S3 BT.

At the cor. point.

DEPENDENT RESURVEY, S. BDY., T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T22S	R1E
S34	S35
S3	S2
T23S	
1946	

Bury the original cor. stone alongside the iron post.

Land, rolling mountain tops.

Soil, rocky loam.

Timber, dwarf juniper and pinon.

Undergrowth, sage and bitter brush, and mountain rush.

N. 89°48' E., between secs. 2 and 35.

Over rolling land, through widely scattered timber and scant undergrowth.

40.28

The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, mkd. by a trachyte rock, 17x16x6 ins., firmly set in the ground and mkd. $\frac{1}{4}$ on N. face, and from which:

An oak, 5 ins. diam., bears S. 13°52' E., 28 lks. dist. mkd. $\frac{1}{2}$ S BT.

A pinon, 6 ins. diam., bears N. 9°45' W., 36 lks. dist. mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	S35
	S2
1946	

Bury the original cor. stone alongside the iron post.

S. 89°31' E., beginning new measurement.

Ascend 70 ft. along a SW. slope.

17.90

Ridge, bears N. and S., descend 200 ft. along a NE. slope.

32.00

Graded road, bears N. and S.

40.72

The cor. of secs. 1, 2, 35, and 36, a porphyry stone, 18x15x4 ins., firmly set in the ground, and mkd. 5 notches on the W. and 1 notch on the E. side.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

T22S	R1E
S35	S36
S2	S1
T23S	
1946	

Bury the original cor. stone alongside the iron post.

Land, rough mountain slopes.

Soil, rocky loam.

Timber, dwarf juniper and pinon.

Undergrowth, sagebrush, service berry, grass and weeds.

DEPENDENT RESURVEY, S. BDY., T. 22 S., R. 1 E.

Chains	S. 89°31' E., between secs. 1 and 36. Over mountain land, through scattered timber and medium dense undergrowth. Descend 440 ft. along a NE. slope to draw. 8.00 Forest Service fence, bears NW. and SE. 11.50 Draw, drains N., ascend 545 ft. along a NW. slope to spur 14.40 Unimproved road, bears N. and S. 39.72 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36, on a spur, projecting N. No trace of the original monument found. Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, and in a mound of stone, with brass cap mkd. $\begin{array}{r} \frac{1}{4} \text{ S36} \\ \hline \text{S1} \\ 1946 \end{array}$ Bury a trachyte stone, 7x5x3 ins., mkd. with a cross (X) at the base of the iron post. Descend 175 ft. along a NE. slope. 49.00 Draw, drains N., ascend 95 ft. along a NW. slope. 57.60 Spur, slopes N., descend 305 ft. over SE. slope to creek. 74.30 Unimproved road, bears N. and S. 78.20 Bridge on graded road, bears N. and S., crosses the West Fork of Gooseberry Creek,, that drains N. 79.44 The cor. of Tps. 22 and 23 S., Rs. 1 and 2 E., mkd. by a trachyte stone, 16x16x8 ins., firmly set in the ground, and in a mound of stone, and mkd. with 6 notches on the N., E., S., and W. edges, and from which: A pine, 12 ins. diam., bears N. 20°51' E., 127 lks. dist., mkd. T22S R2E S31 BT. A juniper, 10 ins. diam., bears S. 55°51' E., 155 lks. dist., mkd. T23S R2E S6 BT. At the cor. point Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, with brass cap mkd. $\begin{array}{c} \text{T22S} \\ \text{R1E} \mid \text{R2E} \\ \text{S36} \mid \text{S31} \\ \hline \text{S1} \mid \text{S6} \\ \text{T23S} \\ 1946 \end{array}$ Bury the original corner stone alongside the iron post. Land, rough mountain slopes. Soil, rocky loam. Timber, dwarf juniper, pinon and oak. Undergrowth, sagebrush, serviceberry, weeds and grass.
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DEPENDENT RESURVEY, E. BDY., T. 22 S., R. 1 E.

Reestablishment of the Surveys Executed by
Augustus D. Ferron, Deputy Surveyor, 1877.

1877

From the cor. of Tps. 22 and 23 S., Rs. 1 and 2 E.

DEPENDENT RESURVEY, E. BDY., T. 22 S., R. 1 E.

Chains

N. 0°12' E., between secs. 31 and 36.

Over bottom land of Gooseberry Valley, scattered patches of timber and undergrowth, land partially cultivated.

4.90 Telephone line, bears NW. and SE.

6.90 Unimproved road, bears NW. and SE.

29.50 Enter bends of the W. Fork of Gooseberry Creek, bears from the SW.

36.00 Leave bends of the W. Fork of Gooseberry Creek, drains NW.

40.25 Fence line, bears E. and W.

40.51 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, a proportionate distance, There is no remaining evidence of the original cor.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, and in a mound of stone, with brass cap mkd.



Deposit a trachyte stone, 4x4x4 ins., mkd. with a cross (X) at the base of the iron post.

54.60 Fence, bears E. and W.

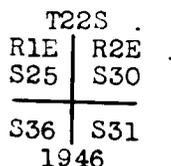
60.50 East Fork of Gooseberry Creek, flows NW.

80.50 Fence, bears E. and W.

81.02 Point for the cor. of secs. 25, 30, 31, and 36, at proportionate distance. No trace of the original cor. found.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.



Deposit broken glass at the base of the iron post.

Land, nearly level mountain plateau with partly cultivated field lands.

Soil, rocky clay loam.

Timber, oak, pinon, juniper, and cottonwood.

Undergrowth, sage and bitter brush, serviceberry, weeds and grass.

N. 0°12' E., between secs. 25 and 30.

383

DEPENDENT RESURVEY, E. 207. 2. 22. E. 1. 1.

Chains

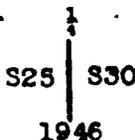
19.65 Road, bears E. and W.

20.05 Fence, bears E. and W.

40.51 The $\frac{1}{4}$ sec. cor. of secs. 25 and 30, mkd. by a sandstone rock, 30x30x16 ins., marked $\frac{1}{4}$ on W. face and a mound of stone on the W. side.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



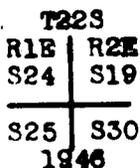
Deposit the original cor. stone alongside the iron post.

N. 0°21' E., beginning new measurement, through cultivated land along a fence line.

39.70 The cor. of secs. 19, 24, 25, and 30, at the cor. of a fence which bears W. and S., identified as such by interested property owners, and accepted as the best available evidence of the original survey.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.



Deposit broken glass at the base of the iron post.

Land, nearly level.

Soil, sandy clay.

Timber, juniper, oak, and cottonwood.

Undergrowth, sagebrush, weeds and grass.

N. 0°06' E., between secs. 19 and 24.

Over nearly level land in cultivated field.

1.70 Farm road, bears NE and SW.

2.70 Fence, bears NE and SE.

5.40 Fence, bears NW and SE.

6.50 Enter dense timber, juniper and pine, bears E. and W.

DEPENDENT RESURVEY, E. BDY., T. 22 S., R. 1 E.

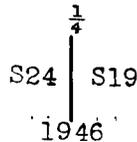
Chains

- 10.10 Irrigation ditch, bears NE.
 13.40 Leave timber and enter cultivated land.
 14.40 Small stream, good water, flows NW.
 40.58 The $\frac{1}{4}$ sec. cor. of sec. 19 and 24, mkd. by a trachyte rock 24x16x10 ins., firmly set in the ground, mkd. $\frac{1}{4}$ on W. face and from which:

A juniper, 14 ins. diam., bears N 40°45' E., 216 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



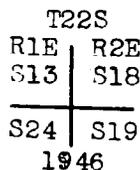
Deposit the original cor. stone alongside the iron post.

N. 0°37' E., beginning new measurement.

- 12.90. Fence cor., bears NE. and SW.
 15.50 Unimproved road, bears NW. and SE.
 40.42 The cor. of secs. 13, 18, 19, and 24, at a fence cor, which bears N. and E., mkd. by trachyte stone, 16x10x8 ins, firmly set in the ground, and marked with 3 notches on the N. and S. edges, and surrounded by a mound of stone.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Deposit the original cor. stone alongside the iron post.

Land, gently rolling hills, partly cultivated.
 Soil, sandy to rocky clay.
 Timber, juniper and pinon.
 Undergrowth, sagebrush, weeds and grass.

N. 0°16' E., bet. secs. 13 and 18.

Over rolling hills, through scattered timber and medium dense undergrowth along old fence line.

- 4.50 Low spur, slopes NE.
 37.70 Shallow ravine, drains NE.

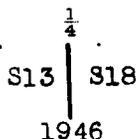
DEPENDENT RESURVEY, E. BDY., T. 22 S., R. 1 E.

Chains

40.62 The $\frac{1}{4}$ sec. cor. of secs. 13 and 18, at the fence corner which bears N., W., and S., mkd. by a sandstone, 16x16x2 ins., firmly set in the ground, mkd. $\frac{1}{4}$ on W. face.

At the cor. point.

Set an iron post, 3 ft. long, 1 ins. diam., 28 ins. in the ground, with brass cap mkd.

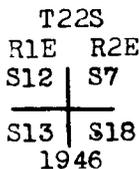


Deposit the original cor. stone alongside the iron post.

N. 0°10' E., beginning new measurement.

20.30 Fence cor., bears N., S., and E.

40.12 Point for the cor. of secs. 7, 12, 13, and 18, at proportionate distance. There is no evidence of the original monument.



Raise a mound of stone, 24 ins. base, 18 ins. high, W. of Cor. monument.

Land, nearly level.

Soil, sandy clay.

Timber, juniper, oak, and pinon.

Undergrowth, sagebrush, weeds and grass.

N. 0°10' E., between 7 and 12.

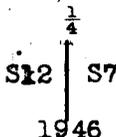
Over rolling land through widely scattered timber and medium dense undergrowth, with scattered cultivated patches along fence line.

25.10 Wash, drains NW.

40.12 Point for the $\frac{1}{4}$ sec. cor. of sec. 7 and 12, at proportionate distance. There is no evidence of the original cor. monument.

At the cor. point.

Set an iron post, 36 ins. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Deposit broken glass at the base of the iron post.

DEPENDENT RESURVEY, E. BDY., T. 22 S., R. 1 E.

Chains

- 40.30 Wash, drains Northerly from SW., follow along wash which has a small stream of good clear water in its bottom.
- 52.40 Leave wash, drains N. 30° W., ascend 75 ft. along a SW. slope.
- 61.70 Spur, projects NW., descend 60 ft. along a N. slope.
- 64.50 Salina Creek, drains NW.
- 72.40 State Highway No. 10, oiled, bears E. and W. Salina to Emery, Utah.
- 80.24 The cor. of secs. 1, 6, 7, and 12, mkd by a sandstone, 14x8x8 ins., firmly set in the ground and surrounded by a mound of stone, mkd. with 1 notch on N., E., and S. edge and from which:

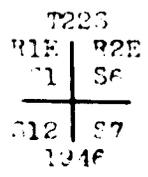
A juniper, 24 ins. diam., bears S. 56°26' E., 86 lks. dist., mkd. T22S R2E S7 BT.

A juniper, 20 ins. diam., bears S. 39°54' W., 18 lks. dist., mkd. T22S R1E S12 BT.

A pinon, 10 ins. diam., bears N. 30°58' W., 56 lks. dist., mkd. T22S T1E S1 BT.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground and in a mound of stone, with brass cap mkd.



Deposit the original cor. stone along the side of the iron post.

Land, rolling hills.

Soil, rocky loam.

Timber, juniper and pinon.

Undergrowth, sage and bitter brush, weeds and grass.

N. 0°17' E., between secs. 1 and 6.

Mountainous land with medium dense timber and undergrowth, ascend along a SE. slope.

18.60 Spur, projects SW., descend along a NW. slope.

27.45 Draw, drains SW., ascend 85 ft. along a SE. slope.

40.08 The 1/2 sec. cor. of secs. 1 and 6, mkd. by a sandstone, 20x11x7 ins., firmly set in the ground, mkd. 1/2 on W. face, and from which:

A juniper, 5 ins. diam., bears S. 65° E., 80 lks. dist., mkd. 1/2 S BT.

A juniper, 12 ins. diam., bears S. 25°58' E., 140 lks. dist., Mkd. 1/4 S BT.

DEPENDENT RESURVEY, T. 22 S., R. 1 E.

Chains

At the cor. point.

Set an iron post, 3 ft. long, 1 ins. diam., 30 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 S1 | S6
 1946

Deposit the original cor. stone alongside the iron post.

N. 0°47' E., beginning new measurement.

Over rolling hills, ascend 140 ft. over a SE. slope.

10.50 Spur, slopes SW., descend 60 ft. over a NW. slope.

25.50 Draw, drains SW., ascend 75 ft. along a SE. slope.

34.60 Spur, slopes SW., continue along a gentle S. slope.

39.56 The cor. of Tps. 21 and 22 S., Rs. 1 and 2 E., mkd. by an iron post, 3 ins. diam., firmly set and properly mkd. and witnessed as described in the official record.

Land, rolling hills.

Soil, rocky loam.

Timber, dwarf juniper and pinon.

Undergrowth, sage and bitter brush, serviceberry, weeds, and grass.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Reestablishment of the Surveys Executed by
Augustus D. Ferron, Deputy Surveyor, 1877.

From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp.

N. 1°03' W., between secs. 35 and 36.

Over mountain land, through medium dense timber and scant undergrowth. Descend 250 ft. along a general NE. slope.

1.50 Fence, bears NW. and SE.

32.50 Draw, drains E., ascend 95 ft. along a SE. slope.

36.50 Spur, slopes E., descend 85 ft. along a NE. slope.

39.93 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36, at proportionate distance. No trace of the original cor. monument found.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$
 S35 | S36
 1946

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Deposit a trachyte rock, 4x3x3 ins., mkd. with a cross (X), at the base of the cor. iron post.

48.00 Flat bottomed draw, drains E., ascend 60 ft. along a SE. slope.

60.40 Graded road, bears E. and W.

61.00 Spur, slopes E., descend 60 ft. along a NE. slope.

79.86 The cor. of secs. 25, 26, 35, and 36, mkd. by a trachyte stone, 14x10x8 ins., firmly in the ground, and with 1 notch on the E. and S. edges, and from which:

A juniper, 4 ins. diam., bears N. 53°50' E., 10 lks. dist., mkd. BT.

A juniper, 8 ins. diam., bears S. 61°49' W., 34 lks. dist., mkd. T22S R1E S35 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

T22S R1E	
326	S25
—+—	
S35	S36
1946	

Deposit the original cor. stone alongside the iron post.

Land, broken mountain slopes.

Soil, rocky loam.

Juniper, dwarf juniper and pinon.

Undergrowth, sagebrush, weeds and grass.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp.

S. 89°21' W., between secs. 25 and 36.

On bottom land of Gooseberry creek, through scattered timber and scant undergrowth.

31.50 Gooseberry creek, Drains N. 10° W.

20.70 Irrigation ditch, flows N. from S.

20.90 Fence, bears N. and S.

23.90 Road, bears N. and S.

29.80 Graded road, bears N. and S., ascend 355 ft. over an E. slope.

40.06 The $\frac{1}{4}$ sec. cor. of secs. 25 and 36, mkd. by a sandstone rock, 24x14x4 ins., firmly set in the ground, and with $\frac{1}{4}$ mkd. on N. face, and from which:

A pinon, 4 ins. diam., bears N. 83°37' E., 14 lks. dist. mkd. $\frac{1}{4}$ S BT.

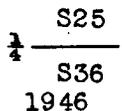
A pinon, 4 ins. diam., bears S. 40°48' W., 12 lks. dist. mkd. $\frac{1}{4}$ S BT.

At the cor. point

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



Deposit the original cor. stone alongside the iron post.

S. 89°58' W., beginning new measurement.

- 0.40 Ridge, bears N. and S., descend 180 ft. along a NW. slope to draw.
- 3.70 Telephone line, bears NW. and SE.
- 28.20 Road, bears NE. and SW.
- 33.00 Draw, drains NW.; ascend 10 ft. along NE. slope.
- 41.10 The cor. of secs. 25, 26, 35, and 36.

Land, broken mountain slopes.
Soil, rocky loam.
Timber, dwarf juniper and pinon.
Undergrowth, sagebrush, mountain rush, weeds and grass.

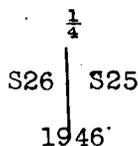
N. 1°00' E., between secs. 25 and 26.

Over rolling land, through scattered timber and scant undergrowth.

Descend 25 ft. along a NE. slope.

- 7.60 Draw, drains NW., ascend 115 ft. along a SW. slope.
 - 34.40 Spur, slopes W., descend 120 ft. along a NE. slope.
 - 40.29 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26, at proportionate distance. No trace of the original monument found.
- At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Deposit Broken glass at the base of the iron post.

- 53.40 Telephone line, bears NW. and SE.
- 59.50 Draw, drains N. 60° W., ascend along a SW. slope.
- 76.50 Road, bears NW. and SE.
- 80.45 Wash, drains W.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains									
80.58	<p>The cor. of secs. 23, 24, 25, and 26, mkd. by a limestone rock, 20x13x3 ins., firmly set in the ground, and with 1 notch on the E. edge, and 2 notches on the S. edge, and from which:</p> <p>A juniper, 14 ins. diam., bears S. 38°30' W., 382 lks. dist., mkd. T22S R1E S26 BT.</p> <p>A juniper, 12 ins. diam., bears N. 80°26' W., 311 lks. dist., mkd. T22S R1E S23 BT.</p> <p>At the cor. point</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 29 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td>T22S R1E</td><td></td></tr> <tr><td>S23</td><td>S24</td></tr> <tr><td>S26</td><td>S25</td></tr> <tr><td colspan="2">1946</td></tr> </table> </div> <p>Deposit the original cor. stone alongside the iron post.</p> <p>Land, rolling hills. Soil, gravelly clay. Timber, juniper and pinon. Undergrowth, sagebrush, shadscale, weeds and grass.</p>	T22S R1E		S23	S24	S26	S25	1946	
T22S R1E									
S23	S24								
S26	S25								
1946									
	<p>From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp.</p> <p>S. 89°32' W., between secs. 24 and 25.</p> <p>Over rolling bottom land in cultivated area; along a fence line.</p> <p>0.65 Fence, bears N. from E. and W. fence lines.</p> <p>4.60 Farm road, bears S. and NE.</p> <p>4.75 Irrigation ditch, drains S. from NE.</p> <p>4.80 Fence, bears N. and S., leave cultivated land and enter scattered timber and scant undergrowth, ascend 60 ft. along a S. slope.</p> <p>9.50 Low spur, slopes N., descend 75 ft. over a NW. slope.</p> <p>13.10 Farm road, bears N. and S.</p> <p>13.25 Fence, bears N. and S.</p> <p>18.30 Gooseberry Cr., good water, flows N.</p> <p>23.25 Fence, bears N. and S., enter cultivated land.</p> <p>25.60 Leave cultivated area.</p> <p>26.50 Fence, bears N. and S.</p> <p>26.60 Irrigation ditch, drains S.</p> <p>35.20 Irrigation ditch, drains S.</p>								

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DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

40.35 The $\frac{1}{4}$ sec. cor. of secs. 24 and 25, mkd. by a trachyte stone, 18x16x4 ins., firmly set in the ground and with $\frac{1}{4}$ mkd. on the N. face, and from which:

A juniper, 6 ins. diam., bears N. $0^{\circ}25'$ E., 67 lks.
.. dist., mkd. $\frac{1}{4}$ S BT..

A juniper, 4 ins. diam., bears S. $42^{\circ}33'$ E., 6 lks.
.. dist., mkd. $\frac{1}{4}$ S BT..

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

S24
 $\frac{1}{4}$ ———
S25
1946

Deposit the original cor. stone alongside the iron post.

N. $89^{\circ}20'$ W., beginning new measurement.

Ascend 265 ft. over an E. slope.

8.50 Ridge, bears N. and S., descend 220 ft. over a W. slope to cor.

38.00 Small wash, drains S. 80° W.

39.66 The cor. of secs. 23, 24, 25, and 26.

Land, rolling hills.

Soil, gravelly clay.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

N. $0^{\circ}03'$ E., between secs. 23 and 24.

Over hilly land, through scattered timber and medium dense undergrowth, ascend 95 ft. over a S. slope.

40.535 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24, at proportionate distance. No trace of the original cor. monument found.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S23 | S24
1946

Deposit broken glass arround the base of the iron post.

81:07 Point for the cor. of secs. 13, 14, 23, and 24, at proportionate dist. No trace of original cor. monument found.

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

T22S R1E	
S14	S13
S23	S24
1946	

Deposit broken glass at the base of the iron post.

Land, rolling hills.

Soil, gravelly clay.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp.

N. 89°46' W., between secs. 13 and 24.

Over mountainous land, through scattered timber and medium dense undergrowth; ascend 105 ft. over and E. slope.

- 8.40 Spur, slopes N., descend 190 ft. over a NW. slope.
- 19.10 Unimproved road, bears NW. and SE.
- 19.50 Irrigation ditch, drains SE., enter cultivated land.
- 22.10 Small wash, drains N.
- 24.75 Leave cultivated land.
- 30.20 Unimproved road, bears NW. and SE.
- 34.60 Spur, projects N.; descend 75 ft. along a NW. slope.
- 40.30 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24, at proportionate distance. No trace of the original cor. monument found.
- Set an iron post, 12 ins. long, 1 in. in diam., 10 ins. in a hole drilled into solid rock, with brass cap mkd.
- | | |
|---------------|-----|
| $\frac{1}{4}$ | S13 |
| — | |
| | S24 |
- Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
- Descend 45 ft. along a W. slope.
- 45.30 Gooseberry Cr, good water, flows N., ascend 165 ft. along a NE. slope.
- 54.50 Fence, bears N. and S.
- 56.64 Unimproved road, bears N. and S.
- 80.60 The cor. of secs. 13, 14, 23, and 24.

Land, rolling hills.

Soil, gravelly clay.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

DEPENDENT RESURVEY OF THE SUBDIVISION T. 22 S. R. 1 E

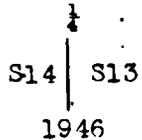
Chains

N. 0°24' E., between secs. 13 and 14.

3.60 Irregular fence line, bears about E. and W.

40.535 Point for the $\frac{1}{4}$ sec. cor. of sec. 13 and 14, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Deposit broken glass at the base of the iron post.

57.30 Fence, bears E. and W.

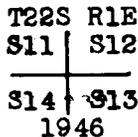
75.10 Draw, drains NE.

81.07 The cor. of secs. 11, 12, 13, and 14, mkd. by a quartzite stone, 24x18x10 ins., firmly set in the ground, with 4 notches on the S. side and 1 notch on the E. side and from which:

A juniper, 4 ins. diam., bears N. 35°45' E., 37 lks. dist., mkd. T22S R1E S12 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.



Deposit the original cor. stone alongside the iron post.

Land, rolling hills.

Soil, gravelly clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp.

N. 89°24' W., between secs. 12 and 13.

Over rolling land, through scattered timber and medium dense undergrowth.

2.85 Unimproved road, bears N. and S.

13.40 Unimproved road, bears NW. and SE.

30.10 Gooseberry Creek, small stream, good water, flows N.

30.30 Irrigation ditch, drains N.

32.10 Unimproved road, bears N. and S.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

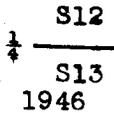
Chains

40.44 The $\frac{1}{4}$ sec. cor. of secs. 12 and 13, mkd. by a trachyte stone, 18x10x10 ins., firmly set in the ground, and mkd. $\frac{1}{4}$ on the N. face, and from which:

A pinon, 8 ins. diam., bears N. 33°30' W., 33 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Deposit the original cor. stone alongside the iron post.

N. 89°45' W., beginning new measurement.

Ascend 150 ft. along a NE. slope.

10.80 Ridge, bears NW. and SE., descend 170 ft. along a SW. slope to draw.

30.05 Fence, bears NE. and SW.

34.50 Draw, drains NE.

35.60 Unimproved road, bears NE. and SW.

40.10 The cor. of secs. 11, 12, 13, and 14.

Land, rolling hills.
Soil, rocky clay loam.
Timber, juniper and pinon.
Undergrowth, sagebrush, shadscale, weeds and grass.

N. 1°08' E., between secs. 11 and 12.

Over rolling land, through scattered timber and medium dense undergrowth; ascend 70 ft. along a broken SE. slope.

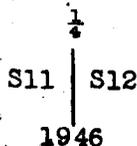
39.11 The $\frac{1}{4}$ sec. cor. of secs. 11 and 12, mkd by a sandstone rock, 24x12x4 ins., firmly set in the ground, and mkd. $\frac{1}{4}$ on the W. face, and from which:

A juniper, 2 ins. diam., bears S. 56° E., 30 lks. dist., mkd. $\frac{1}{4}$ S BT.

A juniper, 10 ins. diam., bears S. 64°15' W., 49 lkd. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



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DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Deposit the original stone cor. alongside the iron post.

N. 0°14' W., beginning new measurement.

Ascend along a SE. slope.

15.00 Ridge, bears NW. and SE., continue along an E. slope.

30.00 Spur, projects E., descend. 240 ft. over a N. slope.

40.99 The cor. of secs. 1, 2, 11, and 12, at the cor. of a fence which bears N. and E., mkd. by a sandstone rock, 30x30x14 ins., firmly set in the ground, and mkd. 5 notch on the S. and 1 notch on the E. side, and from which:

A juniper, 5 ins. diam., bears N. 70° W., 53 lks. dist., mkd. S2 BT.

A juniper, 4 ins diam., bears N. 60° E., 8 lks. dist., mkd. S1 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground with brass cap mkd.

T22S	R1E
S2	S1
S11	S12
1946	

Deposit the original cor. stone alongside the iron post.

Land, rolling mountains

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, mountain rush, weeds and grass.

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.

N. 89°40' W., between secs. 1 and 12.

Over rolling land through scattered timber and a medium dense undergrowth.

5.80 Old road, bears NW. and SE.

6.00 Fence, bears NW. and SE.

22.90 Utah State Highway, No. 10, bears NW. and SE.

38.10 Salina Creek, 10 lks. wide, 3 ins. deep, flows NW.

40.05 Point for the 1/4 sec. cor. of secs. 1 and 12, at proportionate distance; no trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

S1
1/4
S12
1946

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Deposit broken glass at the base of the iron post.

52.60 Gooseberry Creek, flows NW.

62.90 Ungraded road, bears N. and S.

80.10 The cor. of secs. 1, 2, 11, and 12.

Land, rolling bottom land.

Soil, sandy clay.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

N. 1°22' W., between secs. 1 and 2.

Over rolling land, through scattered timber and a medium dense undergrowth; descend 90 ft. along a NW. slope.

6.50 Left bank of Salina Creek, bears N. 10° W. on bend.

15.30 Right bank of Salina Creek, bears W. and SE., flows W.

20.30 Utah State Highway No. 10, bears E. and W.

26.40 Spur, slopes SW., descend 45 ft. along a NW. slope.

30.20 Draw, drains SW., ascend 165 ft. along a SE. slope.

39.40 The $\frac{1}{4}$ sec. cor. of secs. 1 and 2, mkd. by a sandstone rock, 20x16x16 ins., firmly set in the ground, and with $\frac{1}{4}$ mkd. on the W. face, and from which,

A juniper, 6 ins. diam., bears S. 26° E., 45 lks. dist., mkd. $\frac{1}{4}$ S BT.

A juniper, 8 ins. diam., bears S. 39°02' W., 58 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S2} \quad | \quad \text{S1} \\ | \\ 1946 \end{array}$$

Bury the original cor. stone alongside the iron post.

N. 1°34' E., beginning new measurement.

Ascend 60 ft. along a SE. slope.

19.70 Red ledge, bears NE. and SW.; continue along a gentle E. slope.

38.95 Cor. of secs. 1 and 2, T. 22 S., R. 1 E., an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, rolling hills.

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and bitter brush, weeds and grass.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp.

N. 1°31' E., between secs. 34 and 35.

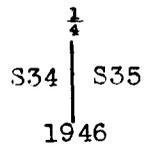
Over mountainous land, through scattered timber and a medium dense undergrowth; ascend 75 ft. along a S. slope.

24.50 Fence, bears E. and W.

40.26 The 1/4 sec. cor. of secs. 34 and 35, mkd. by a porphyry stone, 18x14x12 ins., firmly set in the ground, mkd. 1/4 on the W. face and surrounded by a mound of stone.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

N. 1°28' W., beginning new measurement.

20.20 Draw, drains NW.

26.70 Draw, drains NW.

40.49 The cor. of secs. 26, 27, 34, and 35, mkd. by a porphyry stone, 20x16x12 ins., firmly set in the ground, mkd. with 1 notch on the S. side, and 2 notches on the E. side, and from which:

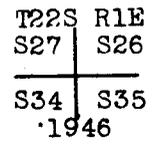
A pinon, 12 ins. diam. bears N. 10° E., 133 lks. dist. mkd. T22S R1E S26 BT.

A juniper, 4 ins. diam., bears S. 55° E., 25 lks. dist., mkd. BT.

A juniper, 8 ins. diam., bears S. 62° W., 3 lks. dist. mkd. BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground with brass cap mkd.



Bury the original cor. stone alongside the iron post.

Land, rolling mountain tops.
Soil, gravelly clay loam.
Timber, juniper and pinon.
Undergrowth, sagebrush, mountain rush, shadscale, weeds, and grass.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

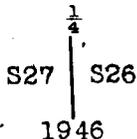
- From the cor. of secs. 25, 26, 35, and 36.
N. 89°09' W., between secs. 26 and 35.
Over mountainous land, through scattered timber and a medium dense undergrowth; descend 20 ft. along a SW. slope.
- 5.40 Draw, drains NW., ascend 30 ft. along a NE. slope.
- 9.50 Spur, slopes NW., descend 55 ft. along a W. slope.
- 13.70 Enter sagebrush flat, edge bears N. and S.
- 28.80 Leave sagebrush flat, edge bears N. and S., ascend 45 ft. along an E. slope.
- 33.30 Spur, slopes NW., descend 55 ft. along a W. slope.
- 39.795 Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35, at proportionate distance. No trace of the original cor. monument found.
Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- S26

335
1946
- Continue over rolling mountain land.
- 79.59 The cor. of secs. 26, 27, 34, and 35.
Land, rolling mountain slopes.
Soil, gravelly to rocky clay loam.
Timber, Juniper and pinon.
Undergrowth, sage and bitter brush, serviceberry, weeds, and grass.
-
- N. 1°11' E., between secs. 26 and 27.
Over mountain land, through scattered timber and a medium dense undergrowth; ascend over a S. slope.
- 1.50 Ridge, bears E. and W., descend 110 ft. along a NE. slope.
- 27.00 Enter sagebrush flat, edge bears E. and W.
- 32.70 Unimproved road, bears NE. and SW.
- 38.90 Leave sagebrush flat, edge bears E. and W., ascend S. slope.
- 40.49 The $\frac{1}{4}$ sec. cor. of secs. 26 and 27, mkd. by a trachyte stone, 16x10x9 ins., firmly set in the ground, and mkd. $\frac{1}{4}$ on W. face, and from which:
A juniper, 12 ins. diam., bears S. 59°15' W., 36 lks. dist., mkd. $\frac{1}{4}$ S BT.
A Juniper stump, 14 ins. dia., bears N. 59°15' E., 24 lks. dist., mkd. $\frac{1}{4}$ S BT., on tree which is felled and now lying on the ground by its stump.
- At the cor. point

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E

Chains

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

N. 1°02' W., beginning new measurement.

Ascend 60 ft. along a SE. slope.

11.60 Ridge, bears E. and W., descend 65 ft. along a NE. slope

33.75 Telephone line, bears NE. and SW.

35.20 Graded road, bears NE. and SW.

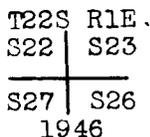
38.97 The cor. of secs. 22, 23, 26, and 27, mkd. by a sandstone rock, 16x12x3 ins., firmly set in the ground, mkd. with 2 notches on each of the S. and E. edges, and from which

A juniper, 5 ins. diam., bears S. 18°45' E., 39 lks. dist., mkd. T22S R1E S26 BT.

A juniper, 7 ins. diam., bears N. 38°45' W., 17 lks. dist., mkd. T22S R1E S22 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam.; 28 ins. in the ground, with brass cap mkd.



Bury the original stone cor. alongside the iron post.

Land, rolling mountain slopes.

Soil; sandy to gravelly clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, serviceberry, weeds and grass.

From the cor. of secs. 23, 24, 25, and 26.

S. 89°24' W., between secs. 23 and 26.

Over rolling land, through widely scattered timber and medium dense undergrowth; descend 45 ft. along a SW. slope

21.00 Graded road, bears NW. and SE.

27.40 Wash, drains NW., ascend 120 ft. over a SE. slope.

40.30 The $\frac{1}{4}$ sec. cor. of secs. 23 and 26, mkd. by a sandstone rock, 18x18x2, firmly set in the ground; mkd. $\frac{1}{4}$ on the N. face, and from which:

A pinon, 4 ins. diam., bears S. 45°45' W., 30 lks. dist., mkd. $\frac{1}{4}$ S BT.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

A juniper, 10 ins. diam., bears N. $81^{\circ}30'$ W., 17 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$ S23
 S26
 1946

Bury the original cor. stone alongside the iron post.

N. $89^{\circ}26'$ W., beginning new measurement.

Ascend 5 ft. over an E. slope.

0.20 Spur, projects NW., descend 140 ft. along a SW. slope.

25.50 Draw, drains N. 10° E., ascend 20 ft. along a SE. slope.

35.80 Graded road, bears NE. and SW.

40.37 The cor. of secs. 22, 23, 26, and 27.

Land, rolling hills.

Soil, sandy to gravelly clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

N. $0^{\circ}19'$ E., between secs. 22 and 23.

Over rolling land, through scattered timber and medium dense undergrowth; ascend 50 ft. along a SE. slope to ridge.

13.10 Old road, bears E. and ...

32.90 Ridge, bears NW. and SE.

40.30 The $\frac{1}{4}$ sec. cor. of secs. 22 and 23, mkd. by a sandstone rock, $37 \times 16 \times 2$, firmly set in the ground, and mkd. $\frac{1}{4}$ on W. face, and from which:

A juniper, 10 ins. diam., bears S. 24° E. 94 lks. dist., mkd. $\frac{1}{4}$ S BT.

A juniper, 14 ins. diam., bears S. $55^{\circ}30'$ W., 69 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground with brass cap mkd.

$\frac{1}{4}$
 S22 | S23
 1946

Bury the original cor. stone alongside the iron post.

DEPENDENT RESURVEY OF THE SUBDIVISION. T. 22 S., R. 1 E.

Chains

N. 0°16' E., beginning new measurement.

2.10 Wash in bottom of Soldier Fork Canyon, bears NW., ascend 35 ft. along a SW. slope.

6.80 Graded road, bears NW. and SE. Salina to Cottonwood Range Station. From this point, the center of a spillway on a flood control dam, bears N. 62°21' W., 12.07 chs. dist.

10.00 Low spur, projects SW., ascend 20 ft. over NW. slope.

13.30 Old road in bottom of a draw that drains SW., ascend 60 ft. along a SW. slope.

40.26 The cor. of secs. 14, 15, 22, and 23, mkd. by a sandstone rock, 22x11x4 ins., firmly set in the ground, mkd. with 3 notches on S. side and 2 notches on the E. side, and from which:

A pinon, 12 ins. diam., bears S. 61°30' E., 18 lks. dist., mkd. T22S R1E S23 BT.

A pinon, 12 ins. diam., bears S. 40°45' W., 61 lks. dist., mkd. T22S R1E S22 BT.

A juniper, 10 ins. diam., bears N. 80°30' E., 18 lks. dist., mkd. T22S R1E S14 BT.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and in a mound of stone, with brass cap mkd.

T22S R1E	
S15	S14

S22	S23
1946	

Bury the original cor. stone alongside the iron post.

Land, rolling hills.

Soil, sandy to gravelly clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, weeds and grass.

From the cor. of secs. 13, 14, 23, and 24.

S. 89°37' W., between secs. 14 and 23.

Over rolling hills, through scattered timber and medium dense undergrowth; ascend 345 ft. along a NE. slope.

21.00 Top of white bluff on ridge which bears N. and S.; descend 45 ft. along a NW. slope.

40.05 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

S14
$\frac{1}{4}$

S23
1946

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Bury a sandstone rock, 4x4x3 ins., mkd. with a cross (X), at the base of the iron post, :

Descend 70 ft. along a NW. slope.

74.90 Shallow draw, drains NW.

80.10 The cor. of secs. 14, 15, 22, and 23.

Land, rolling mountain.
Soil, rocky loam.
Timber, pinon and juniper.
Undergrowth, sage and bitter brush, weeds and grass.

N. 0°15' E., between secs. 14 and 15

Over mountain land, through scattered timber and a medium dense undergrowth; descend 55 ft. along a NW. slope.

5.00 Draw, drains NW., ascend 145 ft. along a SW. slope.

29.70 Spur, slopes SW., descend along a NW. slope.

40.75 Point for the $\frac{1}{2}$ sec. cor. of secs. 14 and 15, at proportionate distance. No trace of the original cor. monument found.

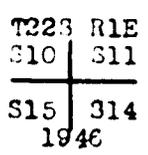
Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Deposit broken glass at the base of the post.

81.50 Point for the cor. of secs. 10, 11, 14, and 15, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mks.



Bury a sandstone rock, 5x4x3 ins., mkd. with a cross (X), at the base of the iron post.

Land, rolling mountain slopes.
Soil, gravelly clay loam.
Timber, juniper and pinon.
Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 11, 12, 13, and 14.

S. 89°57' W., between secs. 11 and 14.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

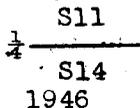
Chains

Over mountain land, through scattered timber and medium dense undergrowth; ascend 335 ft. over a broken SE. slope

40.31

Point for the 1/4 sec. cor. of secs. 11 and 14, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft., long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor. Ascend 300ft. along a SE. slope.

46.00

Top of white bluff on spur which projects SW.; descend 155 ft. over a NW. slope.

80.62

The cor. of secs. 10, 11, 14, and 15. Land, rough mountain slopes. Soil, rocky clay loam. Timber, juniper and pinon. Undergrowth, sagebrush, shadscale, weeds and grass.

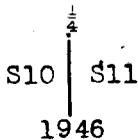
N. 0°33' E., between secs. 10 and 11.

Over rolling mountain tops, through scattered timber and medium dense undergrowth; ascend 105 ft. along a S. slope.

40.75

Point for the 1/4 sec. cor. of secs. 10 and 11, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Deposit a sandstone rock, 5x5x3 ins. mkd. with a cross (X) at the base of the iron post.

Ascend 25 ft. over a S. slope.

61.30

Ridge, bears E. and W., descend 670 ft. along a NE. slope.

81.50

Point for the cor. of secs. 2, 3, 10, and 11, as is determined by reference to its old bearing trees.

A juniper, 10 ins. diam., bears S. 87° E., 130 lks. dist., mkd. T22S R1E S11 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 36 ins. in the ground in solid rock, and in a mound of stone, with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

T22S	R1E
S3	S2
S10	S11
1946	

Deposit broken glass at the base of the iron post

Land, rough and broken mountain slopes.

Soil, rocky clay loam.

Timber, Juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 1, 2, 11, and 12.

N. 89°08' W., between secs. 2 and 11.

Over mountain land, through scattered timber and medium dense undergrowth; ascend 150 ft. along a broken NE. slope.

39.60 Top of red bluff, bears NW. and SE.; continue along a N. slope.

40.27 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$	S2
	S11
1946	

Deposit a sandstone, 5x5x5 ins., mkd. with a cross (X), at the base of the iron post.

Continue along ascent of 105 ft. over a broken NE. slope.

80.54 The cor. of secs. 2, 3, 10, and 11.

Land, broken mountain slopes.

Soil, rocky clay loam.

Timber, Juniper and pinon.

Undergrowth, sage and bitter brush, weeds and grass.

N. 0°20' E., between secs. 2 and 3.

Over mountain land, through scattered timber and medium dense undergrowth; descend 45 ft. along a N. slope.

3.20 Enter sagebrush opening, drains NE.

11.20 Leave sagebrush opening; descend 515 ft. over an abrupt N. slope.

33.90 Salina Creek, stream of clear water, flows SW.

39.02 The $\frac{1}{4}$ sec. cor. of sec. 2 and 3, mkd. by a limestone rock, 20x11x7 ins., firmly set in the ground, mkd. $\frac{1}{4}$ on the S. face and surrounded by a mound of stone.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S3 \quad | \quad S2 \\ | \\ 1946 \end{array}$$

Bury the original cor. stone alongside the iron post.

N. 0°11' E., beginning new measurement.

2.20 Utah State Highway, No. 10, bears E. and W.; ascend 290 ft to cor.

4.20 Old road, bears NE. and SW., over broken SE. slope.

37.43 The cor. of secs. 2 and 3, T. 22 S., R. 1 E., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, rolling mountain slopes.

Soil, rocky mountain loam.

Timber, juniper and pinon.

Undergrowth, sage and bitter brush, shadscale, weeds and grass.

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp.

N. 0°35' W., between secs. 33 and 34.

Over rolling mountain tops, through scattered timber and medium dense undergrowth; ascend 45 ft. over a S. slope.

6.10 Ridge, bears E. and W., descend gentle N. slope.

12.50 Enter sagebrush flat; bears E. and W.

40.36 The $\frac{1}{4}$ sec. cor. of secs. 33 and 34, mkd. by a porphyry stone, 12x8x8 ins., firmly set in the ground and in a mound of stone, mkd. $\frac{1}{4}$ on W. face.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S33 \quad | \quad S34 \\ | \\ 1946 \end{array}$$

Deposit the original cor. stone alongside the iron post.

N. 0°11' E., beginning new measurement.

1.90 Fence at N. edge of flat, bears E. and W., ascend gentle S. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

22.70 Ridge, bears NE. and W., descend 65 ft. over a N. slope.

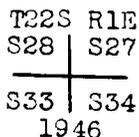
40.46 The cor. of secs. 27, 28, 33, and 34, mkd. by a porphyry stone, 12x9x8 ins., firmly set in the ground, and mkd. with 3 notches on E. side and 1 notch on th S. edge, and from which:

A juniper, 3 ins. diam., bears N. 51°30' E., 56 lks. dist., mkd. S27 BT.

A pinon, 4 ins. diam., bears S. 47°15' W., 119 lks. dist., mkd. S33 BT.

At the cor. point.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

Land, rolling mountain tops.

Soil, gravelly loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, weeds and grass.

From the cor. of secs. 26, 27, 34, and 35.

S. 89°46' W., between secs. 27 and 34.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 155 ft. along a NW. slope.

7.80 Draw, drains NW.; ascend 30 ft. along NE. slope.

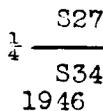
34.50 Spur, slopes N. 15° E.; descend 155 ft. along a NW. slope.

39.50 The $\frac{1}{4}$ sec. cor. of secs. 27 and 34, mkd. by a porphyry stone, 16x14x2 ins., firmly set in the ground, and mkd. $\frac{1}{4}$ on the N. side, and from which:

A mountain mahogany, 4 ins. diam., bears N. 70°15' E., 75 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

S. 89°39' W., beginning new measurement.

Descend 25 ft. along a NW. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION. T. 22 S., R. 1 E.

Chains

- 17.70 Draw, drains NE., ascend 275 ft. along a SE. slope.
 36.60 Spur, slopes N. 10° E., descend 85 ft. along a NW. slope.
 39.73 The cor. of secs. 27, 28, 33, and 34.

Land, rolling mountain tops.
 Soil, gravelly loam.
 Timber, Juniper and pinon.
 Undergrowth, sage and rabbit brush, weeds and grass.

N. 0°14' E., between secs. 27 and 28.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 310 ft. along a gentle N. slope.

- 19.50 Draw, drains NE., continue descent.
 24.20 Same draw, drains N. from SE.
 30.00 Leave draw, drains NE. from S., ascend 100 ft. along a SE. slope.
 40.61 The $\frac{1}{2}$ sec. cor. of secs. 27 and 28, mkd. by a porphyry stone, 30x24x24 ins. firmly set in the ground, and with $\frac{1}{2}$ mkd. on W. face, and from which:

A pinon, 3 ins. diam., bears S. 27°15' E., 17 lks.
 Dist., mkd. $\frac{1}{2}$ S BT.

A pinon, 3 ins. diam., bears S. 25°30' W., 20 lks.
 Dist., mkd. $\frac{1}{2}$ S BT.

At the cor. point.

Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

1
 328 | 327
 1946

Bury the original cor. stone alongside the iron post.

N. 2°16' E., beginning new measurement.

Ascend 20 ft. along a SE. slope.

- 1.30 Top of ascent on an E. slope, descend 295 ft. along a NE. slope.
 19.20 Draw, drains NW., continue descent of 75 ft. along a gentle N. slope.
 39.71 The cor. of secs. 21, 22, 27, and 28, mkd. by a trachyte stone, 16x9x3 ins., firmly set in the ground, mkd. with 2 notches on the S. and 3 notches on the E. edges, and from which:

A Juniper, 5 ins. diam., bears S. 59° E., 27 lks.
 Dist., mkd. T228 R18 S27 BT.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

A juniper stump, bears N. 64° W., 31 lks. dist.,

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T22S	R1E
S21	S22
+	
S28	S27
1946	

Bury the original cor. stone alongside the iron post.

Land, rolling hills.

Soil, gravelly clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

From the cor. of secs. 22, 23, 26, and 27.

N. 89°35' W., between secs. 22 and 27.

Over gently rolling land, through scattered timber and a medium dense undergrowth.

13.90 Road, bears NW. and SE.

24.90 Telephone line, bears NW. and SE.

40.52 The $\frac{1}{4}$ sec. cor. of secs. 22 and 27, mkd. by a trachyte stone, 15x12x5 ins., set in the ground and in a small mound of stone, mkd. $\frac{1}{4}$ on N. face, and from which:

A juniper, 8 ins. diam., bears N. 85°30' E., 295 lks. dist., mkd. $\frac{1}{4}$ S BT.

A juniper, 10 ins. diam., bears S. 89°30' E., 316 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with brass cap mkd.

$\frac{3}{4}$	S22
+	
$\frac{1}{4}$	S27
1946	

Bury the original cor. stone alongside the iron post.

N. 89°52' W., beginning new measurement.

19.80 Graded road, bears SE. and W.

20.00 Old fence line, bears W. and S.

34.70 Graded road, bears E. and NW.

40.08 The cor. of secs. 21, 22, 27, and 28.

409

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Land, gently rolling.
Soil, sandy clay loam.
Timber, juniper and pinon.
Undergrowth, sage and rabbit brush, weeds and grass.

N. 0°37' W., between secs. 21 and 22:

Over gently rolling land, through scattered timber and a medium dense undergrowth.

2.30 Graded road, bears E. and W.

20.10 Telephone line, bears S. 52°38' E. and N. 52°38' W.

40.83 The $\frac{1}{4}$ sec. cor. of secs. 21 and 22, mkd. by a quartzite rock, 20x10x2 ins. firmly set in the ground, mkd. $\frac{1}{4}$ on W. face, and from which:

A juniper, 10 ins. diam., bears S. 55°15' E., 15 lks. dist., mkd. $\frac{1}{4}$ S BT.

A pinon, 12 ins. diam., bears S. 53° W., 35 lks. dist. mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground to solid rock, and in the mound of stone, with brass cap mkd.

$\frac{1}{4}$
S21 | S22
1946

Bury the original cor. stone alongside the iron post.

N. 0°02' W., beginning new measurement.

12.80 Small draw, drains W.

21.50 Small draw, drains W.

28.00 Small draw, drains W., ascend along a SW. slope.

32.90 Ridge, bears NW. and SE., descend 165 ft. along an abrupt NE. slope.

40.11 The cor. of secs. 15, 16, 21, and 22, mkd. by a quartzite rock, 18x6x6 ins., firmly set in the ground, mkd. 3 notch on the S. and E. edges, and from which:

A juniper, 10 ins. diam., bears N. 40°30' E., 26 lks. dist., mkd. T22S R1E S15 BT.

A pinon, 12 ins. diam., bears S. 47°15' E., 56 lks. dist., mkd. T22S R1E S22 BT.

A juniper, 6 ins. diam., bears N. 13°30' W., 16 lks. dist., mkd. T22S R1E S16 BT.

At the cor. point.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T22S R1E	
S16	S15
<hr/>	
S21	S22
1946	

Bury the original cor. stone alongside the iron post.

Land, gently rolling.

Soil, sandy clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

From the cor. of secs. 14, 15, 22 and 23.

N. 88°58' W., between secs. 15 and 22.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 65 ft. along a SW. slope.

- 5.10 Draw, drains S., ascend 25 ft. along a SE. slope.
- 14.40 Spur, slopes S., descend 185 ft. along a SW. slope.
- 39.00 Draw, drains S., ascend 25 ft. along a SE. slope.
- 39.91 The $\frac{1}{2}$ Sec. cor. of secs. 15 and 22, mkd. by a cross (X), cut into an overhanging quartzite ledge, and from which:
- A juniper, 18 ins. diam., bears N. 64°45' E., 18 lks. dist., mkd. $\frac{1}{2}$ S BT.
- A juniper, 14 ins. diam., bears N. 38°45' E., 35 lks. dist., mkd. $\frac{1}{2}$ S BT.
- At the cor. point underneath the cross in the ledge.
- Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.
- | | |
|---------------|-------|
| S15 | |
| $\frac{1}{2}$ | <hr/> |
| S22 | |
- Deposit broken glass at the base of the iron post.
-
- N. 89°55' W., beginning new measurement.
- Ascend 35 ft. along a SE. slope.
- 2.20 Spur, projects S., descend 200 ft. along a SW. slope.
- 34.20 Graded road, bears NW. and SE. to Salina from Cottonwood Range Station.
- 35.30 Soldier Fork Canyon; drains NW., ascend 105 ft. NE. slope.
- 41.62 The cor. of secs. 15, 16, 21, and 22.

Land, steep rolling hills.

Soil, gravelly to rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

N. 0°21' E., between secs. 15 and 16.

Over steep rolling hills, through scattered timber and medium dense undergrowth; descend 125 ft. along a NE. slope.

5.50 Soldier Fork Canyon, bears NW. and SE., ascend 125 ft. along a SW. slope.

6.30 Graded road, bears NW. and SE., Salina to Range Station.

10.00 Low spur, slopes SW., descend 35 ft. along a NW. slope.

17.50 Draw, drains SW., ascend 145 ft. along a SE. slope.

26.30 Spur, slopes W., descend 65 ft. along a NW. slope.

32.70 Draw, drains SW., ascend 85 ft. along a SE. slope.

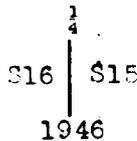
40.13 The $\frac{1}{4}$ sec. cor. of secs. 15 and 16, mkd. by a shale rock, 12x6x5, firmly set in the ground, mkd. $\frac{1}{4}$ on W. face, and from which:

A juniper, 16 ins. diam., bears N. 58° E., 33 lks. dist., mkd. $\frac{1}{4}$ S BT.

A pinon, 6 ins. diam., bears S. 84°30' E., 38 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



bury the original cor. stone alongside the iron post.

N. 0°10' E., beginning new measurement.

Ascend 15 ft. along a SE. slope.

2.20 Spur, projects W., descend along a NE. slope.

11.10 Draw, drains SW., ascend along a SE. slope.

24.00 Spur, projects W.,

31.00 Draw, drains NW., descend along a NE. slope.

39.91 The cor. of secs. 9, 10, 15, and 16, mkd. by a shale rock 26x10x8 ins., firmly set in the ground, and from which:

A pinon, 8 ins. diam., bears N. 61°30' E., 21 lks. dist., mkd. T22S R1E S10 BT.

A juniper, 16 ins. diam., bears S. 28°45' E., 27 lks. dist., mkd. T22S R1E S15 BT.

A pinon, 16 ins. diam., bears N. 15°30' W., 53 lks. dist., mkd. T22S R1E S9 BT.

At the cor. point

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T22S	R1E
S9	S10
S16	S15
1946	

Bury the original cor. stone alongside the cor. post.

Land, rolling mountain slopes/

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

From the cor. of secs. 10, 11, 14, and 15.

S. 89°25' W., between secs. 10 and 15.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 265 ft. along a W. slope.

40.73 Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 15, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	S10
$\frac{1}{4}$	S15
1946	

Deposit broken glass at the base of the iron post.

Descend 30 ft. along a NW. slope.

43.60 Draw, drains NW., ascend 30 ft. along a NE. slope.

48.20 Spur, slopes NW., descend 70 ft. along a SW. slope.

63.00 Draw, drains NW., ascend 60 ft. along a NE. slope.

81.46 The cor. of secs. 9, 10, 15, and 16.

Land, rolling mountains.

Soil, gravelly to rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

N. 0°46' E., between secs 9 and 10.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 20 ft. over a N. slope.

2.20 Draw, drains W., ascend 175 ft. over a S. slope.

18.60 Spur, slopes SW., descend 50 ft. over a N. slope.

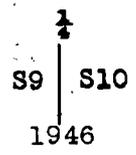
27.00 Draw, drains W., ascend 50 ft. over a S. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E

Chains

39.525 Point for the 1/4 sec. cor. of secs. 9 and 10, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Deposit broken glass at the base of the iron post.

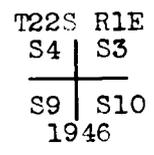
Ascend 15 ft. along a S. slope.

42.50 Spur, projects W., descend 100 ft. along a NW. slope.

72.40 Junction of draws from E. and SE., drains W. Small dam across draw, bears West, 90 lks. Ascend 100 ft. along a SE. slope.

79.05 Point for the cor. of secs. 3, 4, 9, and 10, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Bury a trachyte, 5x5x3 ins., mkd. with a cross (X) at the base of the iron post.

Land, rough mountains.
Soil, rocky clay loam.
Timber, juniper, pinon and mountain mahogany.
Undergrowth, shadscale, weeds and grass.

From the cor. of secs. 2, 3, 10, and 11.

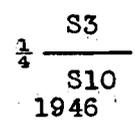
S. 87°44' W., between secs. 3 and 10.

Over mountain land, through scattered timber and a medium dense undergrowth; ascend 465 ft. along a NE. slope.

39.50 Spur, slopes NW., descend along a SW. slope.

40.685 Point for the 1/4 sec. cor. of secs. 3 and 10, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Bury a trachyte stone, 4x4x4 ins., mkd. with a cross (X), at the base of the iron post.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains	Descend 260 ft. along a SW. slope.
77.10	Draw, drains S. 60° W., ascend 60 ft. along a SE. slope.
81.37	The cor. of secs. 3, 4, 9, and 10. Land, rough mountain slopes. Soil, rocky clay loam. Timber, juniper, pinon and mountain mahogany. Undergrowth, shadscale, sagebrush, weeds and grass.
	N. 0°37' E., between secs. 3, and 4. Over mountain land, through scattered timber and scant undergrowth; ascend 205 ft. along a SE. slope.
34.85	Spur, projects SW. from E.; descend 305 ft. along a N. slope.
39.52	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4, at proportionate distance. No trace of the original cor. monument found. Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd. $\begin{array}{c} \frac{1}{4} \\ \\ \text{S4} \quad \quad \text{S3} \\ \\ 1946 \end{array}$
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of post Descend 895 ft. along a N. slope.
78.30	Salina Creek, stream of water, 10 lks. wide, 6 ins. deep, flows NW.; ascend 15 ft. over a S. slope.
79.08	The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record. Land, rough mountain slopes. Soil, rocky clay loam. Timber, juniper, pinon, and mountain mahogany. Undergrowth, shadscale, sagebrush, weeds and grass.
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp. N. 0°04' E., between secs. 32 and 33. Over mountain land, through scattered timber and a medium dense undergrowth; ascend 45 ft. along a SW. slope.
3.80	Ridge, bears E. and W., descend 310 ft. along a NW. slope.
15.80	Draw, drains N. from SE.
23.80	Small spring, drains N.
26.60	Draw, drains NW. from S., ascend 45 ft. along SW. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

35.20 Spur, projects W., descend 90 ft. along a NW. slope.

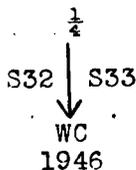
39.97 The $\frac{1}{4}$ sec. cor. of secs. 32 and 33, mkd. by a trachyte stone, 9x9x5 feet, above ground with $\frac{1}{4}$ mkd. on face of stone, and from which:

An oak, 2 ins. diam., bears West, 9 lks. dist., mkd. $\frac{1}{4}$ S BT.

N. 0°18' W., beginning new measurement.

0.04 Point for the Witness $\frac{1}{4}$ sec. cor. of secs. 32 and 33.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



Descend 100 ft. along a NW. slope.

15.10 Draw, drains W., ascend 140 ft. along a SW. slope.

26.00 Spur, projects W., descend 105 ft. along a NW. slope.

35.20 Draw, drains W., ascend 35 ft. along a SW. slope.

40.25 The cor. of secs. 28, 29, 32, and 33, mkd. by a cross (X), cut into a trachyte boulder, 7x6x5 ft., mkd. with 4 grooves to the east of the cross, and 1 groove to the S. and from which:

A pinon, 12 ins. diam., bears N. 65°30' E., 39 lks. dist., mkd. T22S R1E S28 BT.

A pinon, 20 ins. diam., bears S. 60°15' W., 25 lks. dist., mkd. T22S R1E S32 BT:

A pinon, 10 ins. diam., bears N. 30°30' W., 74 lks. dist. mkd. T22S R1E S29 BT.

Note: WC is established 03 lks. N. 0°38' W.

Land, rolling mountain slopes.

Soil, rocky loam.

Timber, juniper, pinon and oak.

Undergrowth, sage and rabbit brush, weeds and grass.

From the cor. of secs. 27, 28, 33, and 34.

S. 89°28' W., between secs. 28 and 33.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 75 ft. along a NW. slope.

3.90 Draw, drains N., ascend 35 ft. along a NE. slope.

9.90 Low spur, bears N. 15° E.; descend 30 ft. over a NW. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains	
20.40	Draw, drains N. 30° E., ascend along a NE. slope, 140 ft.
31.40	Spur, slopes N., descend 15 ft. along a NW. slope.
38.00	Draw, drains N., ascend 50 ft. along a NE. slope.
40.365	Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 33, at proportionate distance. No trace of the original cor. monument found.
	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.
	$\begin{array}{c} \text{S28} \\ \frac{1}{4} \text{---} \\ \text{S33} \end{array}$
	Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Ascend 70 ft. along a NE. slope.
53.50	Ridge, bears N. and S., descend 265 ft. along a NW. slope.
76.20	Draw, drains SW., ascend 30 ft. along a SE. slope.
80.73	The cor. of secs. 28, 29, 32, and 33.
	Land, rough mountain slopes. Soil, rocky loam. Timber, juniper, pinon and oak. Undergrowth, sagebrush, shadscale, weeds and grass.
	N. 0°38' W., between secs. 28 and 29.
	Over mountain land, through scattered timber and a medium dense undergrowth.
0.03	Point for the witness cor. of secs. 28, 29, 32, and 33, on the N. side of a large boulder.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	$\begin{array}{ccc} \text{T22S R1E} & & \\ \text{S29} & & \text{S28} \\ \text{---} & & \text{---} \\ \text{S32} & \downarrow & \text{S33} \\ & \text{WC} & \\ & 1946 & \end{array}$
	Deposit broken glass at the base of the iron post.
	Ascend 100 ft. along a SW. slope.
6.20	Spur, slopes W., descend 205 ft. along a NW. slope.
20.60	Draw, drains NW, continue along a W. slope.
33.40	Low, spur, slopes W., descend 50 ft. along a NW. slope.
40.38	Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29, at proportionate distance. No trace of the original cor. monument found.
	Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains											
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.										
	Descend 15 ft. along a NW. slope.										
41.56	Draw, drains W., ascend 35 ft. along a S. slope.										
49.00	Spur, slopes W., descend along a NW. slope.										
71.00	Draw, drains S. 60° W., ascend a SW. slope.										
78.30	Spur, slopes W., descend 20 ft. along a NW. slope.										
80.76	The cor. of secs. 20, 21, 28, and 29, mkd. by a sandstone rock, 30x7x6 ins., firmly set in the ground and mkd. with 2 notches on S. and 4 notches on the E. edges, and from which: <div style="margin-left: 40px;"> A pinon, 8 ins. diam., bears S. 31°15' E., 34 lks. dist., mkd. T22S R1E S28 BT. A pinon, 7 ins. diam., bears N. 48°45' W., 72 lks. dist., mkd. T22S R1E S20 BT. </div> At the cor. point Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd. <div style="margin-left: 40px;"> <table style="border-collapse: collapse; text-align: center;"> <tr><td colspan="2">T22S R1E</td></tr> <tr><td>S20</td><td>S21</td></tr> <tr><td colspan="2">—+—</td></tr> <tr><td>S29</td><td>S28</td></tr> <tr><td colspan="2">1946</td></tr> </table> </div> Bury the original cor. stone alongside the iron post. Land, rough mountain slopes. Soil, rocky clay loam. Timber, juniper and pinon. Undergrowth, sagebrush, shadscale, weeds and grass.	T22S R1E		S20	S21	—+—		S29	S28	1946	
T22S R1E											
S20	S21										
—+—											
S29	S28										
1946											
	From the cor. of secs. 21, 22, 27, and 28. N. 89°55' W., between secs. 21 and 28. Over rolling land, through scattered timber and a medium dense undergrowth; descend 70 ft. along a NW. slope.										
18.70	Draw, drains NW., ascend 25 ft. along a NE. slope.										
19.60	Mud spring about 30 ins. diam., flows a small stream of water NW.										
23.64	Spur, projects N. 30°W., and an enclosed spring, bears N. 19°22' E., 8.82 chs. dist. Water is piped to a small trough W. of enclosure. Descend 40 ft. along a W. slope.										
31.50	Small draw, drains N., ascend 20 ft. along an E. slope.										
40.24	The ¼ sec. cor. of secs. 21 and 28, mkd. by a trachyte rock 14x12x7 ins., firmly set in the ground, mkd. ¼ on N. face, and from which:										

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

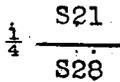
Chains

A pinon, 7 ins. diam., bears S. 42°30' E., 42 lks. dist., mkd. $\frac{1}{4}$ S BT.

A pinon, 7 ins. diam., bears N. 13°30' W., 6 lks. dist. mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with brass cap mkd.



Bury the original stone alongside the iron post.

S. 89°55' W., beginning new measurement.

Ascend 175 ft. along a SE. slope.

32.55 Spur, projects N., descend 55 ft. along a NW. slope.

35.00 Low spur, projects S. 80° W., continue descent

39.97 The cor. of secs. 20, 21, 28, and 29.

Land, rolling hills.
Soil, sandy to gravelly clay loam.
Timber, juniper, pinon, and oak.
Undergrowth, sagebrush, shadscale, weeds and grass.

N. 0°22' E., between secs. 20 and 21.

Over rolling hills, through scattered timber and a medium dense undergrowth; descend 250 ft. to $\frac{1}{4}$ sec. cor. over a gentle NW. slope.

8.60 Sandstone rim, bears SW. and E.

8.90 Base of steep descent, bears S. 70° W. and E. Old fence line, bears W. and N.

11.90 Old road, bears N. 70° W., S. 70° E., continue along top of low spur that projects N.

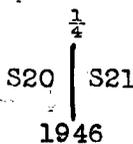
28.00 Point of spur from S.

31.00 Continue across a gentle NW. slope.

39.65 At the cor. of fences, bears W. and S., the $\frac{1}{4}$ sec. cor. of secs. 20 and 21, mkd. by a sandstone rock, 33x16x12 ins., firmly set in the ground and mkd. $\frac{1}{4}$ on W. face.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

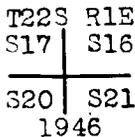
Chains

N. 0°13' W., beginning new measurement.

- 0.40 Graded road, bears NE. and SW.
- 1.70 Wash, 60 lks. wide, 20 ft. deep, drains NE.
- 4.60 Wash, 10 lks. wide, 10 Fts deep, drains NE., ascend a gentle SE. slope.
- 39.20 Low spur, slopes E.
- 40.33 The cor. of secs. 16, 17, 20, and 21, mkd. by a trachyte stone, 14x12x12 ins., firmly set in the ground and in a mound of stone, mkd. with 4 notches on E. and 3 notches on the S. sides, and from which:
 A juniper, 10 ins. diam., bears N. 56°30' W., 174 lks. dist., mkd. T22S R1E S17 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground and in a mound of stone, with brass cap mks.



Bury the original cor. stone alongside the iron post.

Land, rolling hills.
 Soil, sandy to gravelly clay loam.
 Timber, juniper and pinon.
 Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 15, 16, 21, and 22.

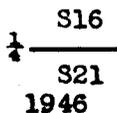
S. 88°07' W., between secs. 16 and 21.

Over mountain land, through scattered timber and a medium dense undergrowth; ascend 145 ft. over a steep NE. slope.

- 7.35 Spur, projects NW, descend 205 ft. along a SW. slope.
- 26.25 Draw, drains N. 20° W., ascend 75 ft. along a NE. slope.
- 30.75 Ridge, bears N. and S., descend 60 ft. over a W. slope.
- 33.55 The 1/4 sec. cor. of secs 16 and 21, mkd. by a limestone rock, 16x14x6 ins., firmly set in the ground, mkd. 1/4 on the N. face, and from which:
 A juniper, 4 ins. diam., bears N. 22° W., 100 lks. dist., mkd. 1/4 S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Bury the original cor. stone alongside the iron post.

N. $89^{\circ}28'$ W., beginning new measurement.

Descend 35 ft. along a SW. slope.

- 12.80 Draw, drains S. 30° W., ascend 50' along a SE. slope.
- 16.85 Spur, projects S. 10° W., 8 chs. to end; descend 125 ft. over a W. slope to wash.
- 21.50 Graded road, bears N. 10° E., and S. 10° W., continue over a gentle N. slope.
- 23.10 Wash, 30 lks. wide, 25 ft. deep, drains N. 15° E.,
- 25.57 Telephone line, bears N. $18^{\circ}19'$ W., and S. $18^{\circ}19'$ E.
- 26.50 Wash, 15 lks. wide, 15 ft. deep, drains N. 30° E., from S. Ascend 95 ft. along a NE. slope.
- 40.11 The cor. of secs. 16, 17, 20, and 21.

Land, rolling hills.

Soil, gravelly to rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

N. $0^{\circ}01'$ E., between secs. 16 and 17.

Over rolling land, through scattered timber and a medium dense undergrowth; descend along a gently rolling NE. slope.

- 36.50 Low spur, projects N. 70° E. from W.; descend 60 ft. along a NE. slope.

- 40.49 The $\frac{1}{4}$ sec. cor. of secs. 16 and 17, mkd. by a trachyte stone, 16x12x12 ins., firmly set in the ground, mkd. $\frac{1}{4}$ on the W. face, and from which:

A juniper, 8 ins. diam., bears S. $72^{\circ}15'$ E., 42 lks. dist., mkd. $\frac{1}{4}$ S BT.

A juniper, 4 ins. diam., bears N. $36^{\circ}30'$ W., 60 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 S17 | S16
 1946

Bury the original cor. stone alongside the iron post.

N. $0^{\circ}18'$ E., beginning new measurement.

Descend 25 ft. along a NE. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

- 3.90 Draw, drains N. 30° E., ascend 65 ft. along a SE. slope.
- 17.10 Spur, slopes N. 20° E., descend 105 ft. along a NW. slope.
- 40.35 The cor. of secs. 8, 9, 16, and 17, mkd. by a sandstone, 26x12x5 ins. firmly set in the ground, mkd. with 4 notches on the S. and E. edges, and from which:

A juniper, 16 ins. diam., bears N. 21°30' E., 06 lks. dist., mkd. T22S R1E S9 BT.

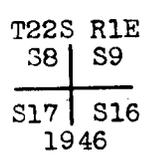
A pinon, 5 ins. diam., bears S. 20° E., 76 lks. dist., mkd. T22S R1E S16 BT.

A pinon, 5 ins. diam., bears S. 6°25' W., 39 lks. dist. mkd. T22S R1E S17 BT.

A juniper, 12 ins. diam., Bears S. 78°20' W., 6 lks. dist., mkd. T22S R1E S8 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

Soil, sandy to rocky clay loam.

Land, rolling hills.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

From the cor. of secs. 9, 10, 15, and 16.

N. 89°22' W., between secs. 9 and 16.

Over rolling mountain tops, through scattered timber and a dense undergrowth; descend 55 ft. along a W. slope.

8.00 Draw, drains SW., ascend a gentle E. slope.

18.00 Low spur, slopes SW., descend 60 ft. along a NW. slope.

23.00 Draw, drains SW.

27.00 Spur, slopes SW.

39.69 The 1/4 sec. cor. of secs. 9 and 16, mkd. by a limestone rock, 20x15x3 ins., firmly set in the ground, and mkd. 1/4 on W. face, and from which:

A pinon, 18 ins. diam., bears N. 15° W., 73 lks. dist., mkd. 1/4 S BT.

A pinon, 16 ins. diam., bears S. 20° E., 32 lks. dist., mkd. 1/4 S BT.

At the cor. point

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains	
	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	$\begin{array}{r} S9 \\ \frac{1}{4} \text{---} \\ S16 \\ 1946 \end{array}$
	Bury the original cor. stone alongside the iron post.
	S. 89°20' W., beginning new measurement.
	Descend 165 ft. along a W. slope to draw.
4.70	Graded road, bears N. and S., Salina to Cottonwood Range Station.
5.40	Soldier Fork Canyon, drains N. 30° W., ascend 195 ft. along a NE. slope.
6.80	Telephone line, bears N. and S.
16.80	Spur, projects N.; descend along SW. slope to drainage.
29.10	Draw, drains N.; asc. 45 ft. along E. slope.
31.60	Ridge, bears N. and S.; desc. 40 ft. along a SW. slope.
40.20	The cor. of secs. 8, 9, 16, and 17.
	Land, rough mountain slopes. Soil, rocky clay loam. Timber, juniper and pinon. Undergrowth, sagebrush, shadscale, weeds and grass.
	N. 1°18' E., between secs. 8 and 9.
	Over mountain land, through scattered timber and a medium dense undergrowth; descend 10 ft. along a NW. slope.
0.80	Draw, drains NE., ascend 30 ft. along a SE. slope.
5.70	Point of spur, projects E. 50 lks., descend 45 ft. along a NE. slope.
8.10	Draw, drains NW. from SE., ascend 60 ft. along a SE. slope.
12.50	Spur, 4 chs E. to end, descend 50 ft. along a NE. slope.
15.00	Draw, drains SE. from N.
19.00	Leave draw, drains S. from NW., ascend 155 ft. along a SW. slope.
31.00	Spur, slopes S. 30° E., descend 50 ft. along a NE. slope.
40.35	The $\frac{1}{4}$ sec. cor. of secs. 8 and 9, mkd. by a sandstone, 20x18x18 ins., firmly set in the ground, and mkd. $\frac{1}{4}$ on W. face, and from which: A pinon, 6 ins. diam., bears S. 41°08' W., 57 lks. dist., mkd. $\frac{1}{4}$ BT. At the cor. point Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, and with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S8} \quad | \quad \text{S9} \\ | \\ 1946 \end{array}$$

Bury the original cor. stone alongside the iron post.

N. 1°25' W., beginning new measurement.

Descend 120 ft. along a NE. slope.

13.80 Draw, drains SE., ascend 240 ft. along a SE. slope.

26.60 Spur, slopes S. 20° W., descend 110 ft. along a NW. slope

34.50 Small draw, drains E., ascend 25 ft. along a SE. slope.

39.85 The cor. of secs. 4, 5, 8, and 9, is determined from the original bearing tree, and from which:

A pinon, 12 ins. diam., bears S. 25°00' W., 75 lks. dist., mkd. T22S R1E S8 BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone. with brass cap mkd.

$$\begin{array}{c} \text{T22S R1E} \\ \text{S5} \quad | \quad \text{S4} \\ \hline \text{S8} \quad | \quad \text{S9} \\ 1946 \end{array}$$

Bury a trachyte rock, 6x6x5 ins., mkd. with a cross (X), at the base of the iron post.

Land, rolling mountain tops.

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 3, 4, 9, and 10.

N. 29°15' W., between secs. 4 and 9.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 475 ft. along a broken NW. slope to cor.

37.40 Draw, drains NW.

37.85 Concrete powder house on the N. side of a draw which drain W., and at the end of a road on the N. side of the draw, that bears N. 24°15' W., 16.88 chs. dist.

40.475 Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 9, at proportionate distance. No trace of the original cor. monument found. Unable to perpetuate a monument at this point; descend 80 ft. over a precipitous W. slope.

41.60 Point for the witness $\frac{1}{4}$ sec. cor. of secs. 4 and 9.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

S4
 $\frac{1}{4}$ —→ WC
 S9
 1946

Deposit broken glass at the base of the iron post.

Descend 190 ft. over a steep W. slope.

54.60 Graded road, bears N. and S., Salina to Cottonwood Range Station.

57.50 Telephone line, bears N. and S.

58.50 Soldier Fork Canyon, drains N., ascend 525 ft. over a NE. slope.

64.00 Draw, drains NE.

72.53 Limestone ledge on rim of canyon, 10 ft. high, bears N. and S.; continue along a gentle SE. slope.

80.95 The cor. of secs. 4, 5, 8, and 9.

Land, rolling mountain slopes.

Soil, gravelly to rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

N. 1°03' E., between secs. 4 and 5.

Over mountain land, through scattered timber and a medium dense undergrowth; ascend 60 ft. along a SE. slope.

3.00 Ridge, bears NW. and SE., descend 675 ft. along a broken NE. slope, over ledges.

31.25 Soldier Fork Canyon Wash, drains N. 20° W., ascend 30 ft. along a SW. slope.

38.46 Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 5, at proportionate distance, falls in graded road, which bears N. 10° W., and S. 10° E., Salina to Cottonwood Range Station.

At the cor. point

Set an iron pin, 14 ins. long, 1 in. in diam., 26 ins. in the ground.

39.46 Point for the witness $\frac{1}{4}$ sec. cor. of secs. 4 and 5.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 ↓
 S5 | S4
 ↓
 WC
 1946

from which

A juniper, 6 ins. diam., bears N. 77° 45' E., 80 lks. dist., mkd. WC $\frac{1}{4}$ S4 BT.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

- 43.85 Small wash, drains N. 10° W.
- 50.10 Telephone line, bears NW. and SE.
- 76.40 Left bank of Salina Creek.
- 77.11 True point for the cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp., falls in Salina Creek. The witness cor. to same, bears N. 0°44' W., 1.00 chs. dist., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, rough and broken mountains slopes in the S., and in the N., nearly level land.
 Soil, sandy to rocky clay loam.
 Timber, juniper and pinon.
 Undergrowth, sage and rabbit brush, shadscale, weeds and grass.

From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp.

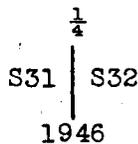
N. 0°26' W., between secs. 31 and 32.

Over rolling land through scant timber and medium dense undergrowth; descend 60 ft. along a SW. slope to draw.

- 3.50 Unimproved road, bears NW., S. 80° E.
- 9.10 Draw, drains NW., ascend 50 ft. along a SW. slope.
- 14.80 Spur, projects W., from SE., descend 70 ft. along a NW. slope.
- 18.20 Wash, 20 lks. wide, 10 ft. deep, drains N. 60° W., from SE., continue along N. slope.
- 20.00 Road, bears N. and W., continue along W. side of road.
- 20.10 Fence cor. bears N. and W., continue in cultivated area.
- 38.40 Spring of good water, flows W.
- 39.50 Fence cor. bears E., N., and S.
- 39.96 The $\frac{1}{4}$ sec. cor. of secs. 8 and 9, mkd. by a trachyte rock, 17x14x10 ins., firmly set in the ground and mkd. $\frac{1}{4}$ on the W. face.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.



Bury the original con. stone alongside the iron post.

N. 0°32' W., beginning new measurement.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

- 13.20 Small mud spring, head is E. about 1.5 chs. dist., flows West.
- 15.80 Old road, bears W. from S.
- 16.60 Small wash, drains W.
- 40.33 The cor. of secs. 29, 30, 31, and 32, mkd. by a sandstone rock, 16x14x3 ins., firmly set in the ground, with mks. 5 grooves on E. and 1 groove on S. side, and from which:
- A juniper, 12 ins. diam., bears N. 7°30' E., 119 lks. dist., mkd. S29 T22S R1E BT.
- A juniper, 24 ins. diam., bears S. 74°45' W., 74 lks. dist., mkd. S31 T22S R1E BT.
- A juniper, 8 ins. diam., bears N. 50°30' W., 104 lks. dist., mkd. S30 T22S R1E BT.

At the cor. point

Set an iron post, 3ft. long, 2 ins. diam., 28 ins. in the ground, with brass cap mkd.

T22S	R1E
S30	S29
—	
S31	S32
1946	

Bury the original cor. stone alongside the iron post.

Land, nearly level.

Soil, sandy to gravelly clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadescale, weeds and grass.

From the true point for the cor. of secs. 28, 29, 32, and 33.

N. 89°49' W., between secs. 29 and 32.

Over mountain land, through scattered timber, and a medium dense undergrowth; ascend 165 ft. along a SE. slope.

7.70 Spur, projects SW., descend 365 ft. along a SW. slope.

39.89 The $\frac{1}{4}$ sec. cor. of secs. 29 and 32, mkd. by a trachyte rock, 16x10x3 ins., firmly set in the ground and in a mound of stone, mkd. $\frac{1}{4}$ on N. face,

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	S29
—	
	S32
1946	

from which

A pinon, 5 ins. diam., bears S. 38° W., 29 lks. dist., mkd. $\frac{1}{4}$ S32 BT.

DEPARTMENT OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, R. 1

Chains

A pinon, 5 ins. diam., bears N. 31° W., 66 lks. dist. mkd. $\frac{1}{2}$ S BT.

Bury the original cor. stone alongside the iron post

S. 87°51' W., beginning new measurement.

15.00 Fence, bears NW. and SE.

34.50 Fence, bears N. and S.

40.10 Road, bears N. and S., 100 ft. to junction with road that bears NW. and SE.

40.93 The cor. of secs: 29, 30, 31, and 32.

Land, mountainous E. part and nearly level in W. part.
Soil, gravelly loam.
Timber, juniper and pinon.
Undergrowth, sage, and rabbit brush, weeds and grass.

From the cor. of secs. 30 and 31, on the W. bdy. of the Township.

S. 88°50' E., between secs. 30 and 31.

Over mountain land, through scattered timber and a medium dense undergrowth; ascend 55 ft. over rolling terrain.

11.00 Ridge, bears NE. and SW., descend 165 ft. along a SE. slope.

24.50 Draw, drains SE., ascend 50 ft. along a SW. slope.

26.50 Spur, projects S., descend 35 ft. along a SE. slope.

28.50 Draw, drains SW. ascend 140 ft. along a SW. slope.

38.26 The $\frac{1}{2}$ sec. cor. of secs. 30 and 31, mkd. by a cross cut into a sandstone boulder, 4x3x3 ft., and also mkd. $\frac{1}{2}$ on the N. face, and from which:

A juniper, 10 ins. diam., bears S. 58° E., 15 lks. dist., mkd. $\frac{1}{2}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

830

$\frac{1}{2}$
831
1946

Deposit the original cor. stone alongside the iron post

S. 88°25' E., beginning new measurement.

Ascend 65 ft. along a SE. slope.

9.30 Ridge, bears N. and S., descend 350 ft. over SE. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

22.00 Base of steep descent, bears N. and S., continue over gentle SE. slope to cor.

28.90 Dim road, bears NE. and SW.

39.68 The cor. of secs. 29, 30, 31, and 32.

Land, rough mountains in W. and rolling hills in E. Soil, sandy to rocky clay loam. Timber, juniper and pinon, Undergrowth, sagebrush, shadscale, weeds and grass.

N. 0°01' E., between secs. 29 and 30.

Over rolling land, through scattered timber and a medium dense undergrowth; ascend along a gentle SE. slope.

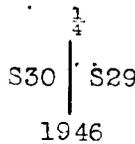
17.50 Old, ungraded road, bears N. 30° E., and S. 30° W.

30.00 Draw, drains NE.

40.43 The 1/4 sec. cor. of secs. 29 and 30, mkd. by a sandstone rock, 24x8x8 ins. firmly set in the ground and in a mound of stone, with 1/4 mkd. on W. face.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.



from which

A juniper, 4 ins. diam., bears N. 29°45' E., 59 lks. dist., mkd. 1/4 S29 BT.

A juniper, 6 ins. diam., bears S. 61°45' W., 15 lks. dist., mkd. 1/4 S30 BT.

Bury the original cor. stone alongside the iron post.

N. 1°03' W., beginning new measurement.

Ascend along a SE. slope.

0.90 Ungraded road, bears E. and W., ascend 175 ft. along a SE. slope.

31.10 Spur, projects SE., descend along a rolling NE. slope.

40.60 The cor. of secs. 19, 20, 29, and 30, mkd. by a trachyte stone, 27x14x5 ins., firmly set in the ground, and mkd. 5 notches on E. and 2 notches on S. edges, and from which:

A juniper, 9 ins. diam., bears S. 0°52' E., 306 lks. dist., mkd. S30 T22S R1E BT.

A juniper, 6 ins. diam., bears S. 14°30' E., 476 lks. dist., mkd. S29 BT.

At the cor. point

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T22S R1E	
S19	S20
S30	S29
1946	

Bury the original cor. stone alongside the iron post.

Land, rolling in the S. and mountainous in the N.
Soil, sandy to rocky clay loam.

Timber, juniper and pinon.
Undergrowth, sage and rabbit brush, weeds and grass.

From the cor. of secs. 20, 21, 28, and 29.

S. 89°13' W., between secs. 20, and 29.

Over rolling hills, through scattered timber and a medium dense undergrowth; descend 130 ft. along a NW. slope to wash.

17.40 Wash, 30 lks. wide, 15 ft. deep, drains N., continue along a gentle N. slope.

19.60 Old road, bears N. and S.

23.60 Road, bears N. 10° E., and S. 10° W., to fork, branches SE. and SW.

40.25 The $\frac{1}{4}$ sec. cor. of secs. 20 and 29, mkd. by a trachyte rock, 17x10x4 ins., firmly set in the ground and in a small mound of stone, with $\frac{1}{4}$ mkd. on N. face.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with brass cap mkd.

S20	
$\frac{1}{4}$	—
S29	
1946	

Bury the original cor. stone alongside the iron post.

From the $\frac{1}{4}$ sec. cor., a fenced spring with a piped outlet to a water trough, west of the spring, bears N. 58°03' E., 17.82 chs. dist.

S. 89°21' W., beginning new measurement.

7.70 Wash, 50 lks. wide, 20 ft. deep, drains N. 30° E., ascend 275 ft. along a NE. slope.

30.10 Ridge, bears NE. and SW., continue over rolling top.

40.42 The cor. of secs. 19, 20, 29, and 30.

Land, rolling.

Soil, sandy to rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, weeds and grass.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains	
	From the cor. of secs. 19 and 30, on the W. bdy. of the Township.
	N. 86°09' E., between secs. 19 and 30.
	Over mountain land; through scattered timber and a medium dense undergrowth; ascend 110 ft. along a NW. slope.
6.20	Spur, slopes N., descend 240 ft. along a NE. slope.
21.20	Draw, drains NW., old road in bottom of draw, ascend 210 ft. along a SW. slope.
34.55	Spur, projects NW., descend 45 ft. along a NE. slope.
37.50	Draw, drains NW., ascend along a SW. slope.
38.16	Point for the $\frac{1}{2}$ sec. cor. of secs. 19 and 30, at proportionate distance. No trace of the original cor. monument found.
	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock; and in a mound of stone, with brass cap mkd.
	$\begin{array}{r} S19 \\ \hline S30 \\ 1946 \end{array}$
	Bury a trachyte stone, 7x6x5 ins., mkd. with a cross (X), at the base of the iron post.
42.20	Low spur, slopes N., descend along a NE. slope.
46.50	Draw, drains NW., ascend 300 ft. along a SW. slope.
58.00	Ridge, bears N. and S., descend 50 ft. over rolling land.
73.70	Old road, bears N. 30° E. and S. 30° W.
78.16	The cor. of secs. 19, 20, 29, and 30.
	Land, broken mountain slopes. Soil, rocky clay loam. Timber, juniper and pinon. Undergrowth, sage and rabbit brush, shadscale, weeds and grass.
	N. 0°05' W., between secs. 19 and 20.
	Over rolling top, through scattered timber and a medium dense undergrowth; ascend 45 ft. over rolling land.
8.10	Old road, bears NE. and SW.
27.00	Ridge, bears NE. and SW., descend 60 ft. over an NE. slope.
33.60	Draw, drains SW., ascend 25 ft. along a SW. slope.
37.64	The $\frac{1}{2}$ sec. cor. of secs. 19 and 20, mkd. by a trachyte rock 17x12x8 ins., firmly set in the ground and in a mound of stone, mkd. $\frac{1}{2}$ on W. face, and from which:
	A juniper, 2 ins. diam., bears N. 64°30' E., 12 lks. dist., mkd. $\frac{1}{2}$ S BT.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

A juniper, 10 ins. diam., bears N. 46° W., 31 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

	1 4	
S19		S20
	1946	

Bury the original cor. stone alongside the iron post.

N. 0°40' W., beginning new measurement.

Ascend, 45 ft. over a S. slope.

- 5.70 Spur, projects W., continue over rolling land.
- 30.00 Begin descent along a NW. slope, descend 295 ft.
- 40.00 The cor. of secs. 17, 18, 19, and 20, mkd. by a trachyte stone, 24x12x12 ins., firmly set in the ground, mkd. with 5 notches on the E. and 3 notches on S. edges, and from which:

A juniper, 3 ins. diam., bears N. 71°30' W., 64 lks. dist., mkd. illegable.

A juniper, 8 ins. diam., bears S. 34°30' W., 91 lks. dist., mkd. S19 T22S R1E BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

	T22S R1E	
S18		S17
	1946	

Bury the original cor. stone alongside the iron post.

Land, rolling mountain tops.
Soil, gravelly clay loam.
Timber, juniper and pinon.
Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 16, 17, 20, and 21.

S. 87°38' W., between secs. 17 and 20.

Over mountain land, through scattered timber and a medium dense undergrowth; ascend 250 ft. over a SE. slope.

- 13.40 Spur, slopes S., continue ascent of 115 ft. to sec. cor.
- 34.50 Side hill draw, drains S., ascend an E. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains	
40.59	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 17 and 20, at proportionate distance. No trace of the original cor. monument found.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 20 in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> $\begin{array}{r} S17 \\ \frac{1}{4} \text{ ---} \\ S20 \\ 1946 \end{array}$ <p>Deposit a trachyte stone, 5x5x5 ins., mkd. with a cross (X) at the base of the iron post.</p> <p>Ascend 45 ft. over an E. slope.</p>
67.30	Ridge, bears S., descend 135 ft. along a SW. slope.
75.60	Draw, drains NW., continue descent along a NW. slope.
81.18	<p>The cor. of secs. 17, 18, 19, and 20.</p> <p>Land, mountainous. Soil, rocky clay loam. Timber, juniper and pinon. Undergrowth, sagebrush, shadscale, weeds and grass.</p>
	<p>From the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.</p>
	N. 87°17' E., between secs. 18 and 19.
	Over mountain land, through scattered timber and a medium dense undergrowth; descend 45 ft. along a SE. slope.
2.10	Small draw, drains NE., continue along a N. slope.
9.10	Draw, drains NW., ascend 395 ft. along a NW. slope.
37.66	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 18 and 19, at proportionate distance. No trace of the original cor. monument found.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> $\begin{array}{r} S18 \\ \frac{1}{4} \text{ ---} \\ S19 \\ 1946 \end{array}$
	Deposit a trachyte stone, 5x4x4 ins., with a cross cut into the stone, at the base of the iron post.
	Ascend 20 ft. along a NW. slope.
38.70	Spur, slopes SW., descend 115 ft. along a SE. slope.
43.30	Draw, drains SW., ascend 270 ft. along a SW. slope.
57.64	Spur, projects SW., descend 25 ft. along a SE. slope.
71.60	Draw, drains SW., ascend 30 ft. along a NW. slope.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

77.22 The cor. of secs. 17, 18, 19, and 20.

Land, rough, broken mountain slopes.
Soil, rocky clay loam.
Timber, juniper and pinon.
Undergrowth, shadscale, weeds and grass.

N. 1°12' E., between secs. 17 and 18.

Over mountain land, through scattered timber and a medium dense undergrowth; descend 45 ft. along a NW. slope.

3.00 Draw, drains SW. from SE., ascend 205 ft. along a S. slope

24.00 Ridge, bears SE. and NW., descend 105 ft. along a NE. slope.

34.30 Draw, drains NW., ascend 50 ft. along a SW. slope.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 17 and 18, mkd. by a stationary boulder, 40x30x19 ins. trachyte rock, mkd. $\frac{1}{4}$ on the W. face, and from which:A juniper, 7 ins. diam., bears N. 12°15' E., 30 lks. dist., mkd. $\frac{1}{4}$ S BT.A juniper, 6 ins. diam., bears S. 61°35' W., 41 lks. dist., mkd. $\frac{1}{4}$ S BT.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. in diam., 25 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S18 \quad | \quad S17 \\ | \\ 1946 \end{array}$$

1946

Place the original stone alongside the iron post.

N. 0°02' W., beginning new measurement.

Ascend 160 ft. over a S. slope.

11.35 Spur, slopes NW., descend 155 ft. along a NE. slope.

38.00 Draw, drains NW., Ascend 15 ft. along a S. slope.

40.04 The cor. of secs. 7, 8, 17, and 18, mkd. by a trachyte stone, 18x15x10 ins. firmly set in the ground, and mkd. 5 notches on N. and 4 notches on S. edges, and from which:

A pinon, 8 ins. diam., bears N. 40°11' E., 60 lks. dist., mkd. S8 T223 R1E BT.

A juniper, 8 ins. diam., bears S. 36°30' W., 54 lks. dist., mkd. S18 T22S R1E BT.

A pinon, 6 ins. diam., bears N. 50°50' W., 70 lks. dist., mkd. S7 T22S R1E BT.

U. S. G. E. DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.

T22S R1E	
S7	S8
S18	S17
1946	

Bury the original cor. stone alongside the iron post.

Land, rough mountain slopes.

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sage and rabbit brush, shadscale, weeds and grass.

From the cor. of secs. 8, 9, 16, and 17.

S. 87°11' W., between secs. 8 and 17.

Over mountain land, through scattered timber and a medium dense undergrowth; ascend 460 ft. along a SE. slope.

2.00 Draw, drains NE.

28.60 Ridge, bears N. and S., descend 95 ft. along a SW slope.

38.00 Draw, drains S., ascend along a SE. slope.

40.36 Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 17, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

S 8	
$\frac{1}{4}$	S 17
1946	

Deposit a trachyte rock, 6x6x4 ins., mkd. with a cross (X) at the base of the iron post.

Ascend 50 ft. along a SE. slope.

47.40 Spur, bears N. and S., descend 165 ft. along a NW. slope.

80.72 The cor. of secs. 7, 8, 17, 18.

Land, rough mountain slopes.

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

From the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp.

N. 87°53' E., between secs. 7 and 18

DEPENDENT RESURVEY OF THE SUBDIVISION, TARRANTS., R. 1 E

Chains

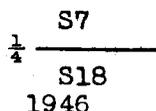
Over mountain land, through scattered timber and scant undergrowth; ascend 200 ft. along a SW. slope.

10.30 Spur, slopes NW., descend 195 ft. along a NE. slope.

23.90 Draw, drains NW., ascend 25 ft. along a SW. slope.

37.82 Point for the 1/4 sec. cor. of secs. 7 and 18, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. to solid rock in the ground, and in a mound of stone, with brass cap mkd.



Deposit a limestone rock, 7x5x5 ins., mkd. with a cross at the base of the iron post.

Ascend over a W. slope.

45.30 Spur, slopes NW., descend along a NE. slope.

76.00 Draw, drains NW, ascend 20 ft. along a SW. slope.

77.64 The cor. of secs. 7, 8, 17, and 18.

Land, rough mountain slopes.
Soil, rocky clay loam.
Timber, juniper and pinon.
Undergrowth, shadscale, weeds and grass.

N. 0°38' E., between secs. 7 and 8.

Over mountainous land, through scattered timber and a medium dense undergrowth; ascend along a S. slope.

1.00 Point of spur from NE., descend 40 ft. along a NW. slope.

7.00 Draw, drains SW., ascend 45 ft. along a SE. slope.

19.10 Ridge, bears W., descend 110 ft. along a NW. slope.

40.19 The 1/4 sec. cor. of secs. 7 and 8, mkd. by a trachyte rock, 17x17x10 ins., firmly set in the ground, mkd. 1/4 on W. face and from which:

A juniper, 8 ins. diam., bears N. 53°07' W., 148 lks. dist., mkd. 1/4 S BT.

A pinon, 10 ins. diam., bears N. 0°45' W., 116 lks. dist., mkd. 1/4 S BT.

At the cor. Point

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



1946

DEPENDENT RESURVEY OF THE SUBDIVISION OF T. 22 S., R. 1 E.

Chains Bury the original cor. stone alongside the iron post.

N. 0°19' E., beginning new measurement.

Descend 110 ft. along a broken NE. slope to cor.

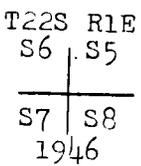
8.30 Draw, drains NW. from SE.

40.13 The cor. of secs. 5, 6, 7, and 8, mkd. by a trachyte rock, 23x12x5, firmly set in the ground, and in a mound of stone and mkd. with 5 notches on each of its S. and E. edges, and from which:

A juniper, 6 ins. diam., bears N. 61°24' E., 15 lks. dist., mkd. S5 T22S R1E BT.

At the cor. point

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with brass cap mkd.



Bury the original cor. stone alongside the iron post.

Land, rough mountain slopes.

Soil, rocky clay loam.

Timber, juniper and pinon.

Undergrowth, sagebrush, shadscale, weeds and grass.

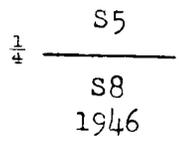
From the cor. of secs. 4, 5, 8, and 9.

S. 87°10' W., between secs. 5 and 8.

Over broken land, through scattered timber and scant undergrowth.

40.08 Point for the 1/4 sec. cor. of secs. 5 and 8, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd.



Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, N. of cor.

Ascend 50 ft. along a NE. slope.

51.40 Ridge, bears N. and S., descend 215 ft. along a NW. slope.

73.70 Draw, drains N., ascend 75 ft. along a SE. slope.

80.16 The cor. of secs. 5, 6, 7, and 8.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

Land, rough and broken mountain slopes.
Soil, rocky clay loam.
Timber, juniper and pinon.
Undergrowth, shadscale, weeds and grass.

From the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp.

N. 88°58' E., between secs. 6 and 7.

Over mountain land, through scattered timber and scant undergrowth; ascend 575 ft. over a broken SW. slope to ridge.

18.00 Side hill draw, drains SW.; continue ascent.

34.80 Ridge, bears NW. and SW.; descend 50 ft. along a NE. slope.

37.78 Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 7, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

S6
—
 $\frac{1}{4}$
S7
1946

Deposit a trachyte rock, 10x9x8 ins. mkd. with a cross (X), at the base of the iron post.

Descend 55 ft. along a NE. slope.

46.00 Draw, drains SE., ascend 100 ft. along a SW. slope.

69.60 Spur, slopes SE., descend 275 ft. along a NE. slope.

77.71 The cor. of secs. 5, 6, 7, and 8.

Land, rough and broken mountain slopes.
Soil, rocky clay loam.
Timber, juniper and pinon.
Undergrowth, shadscale, weeds and grass.

N. 0°31' E., between secs. 5 and 6.

Over broken land, through scattering timber and medium dense undergrowth, ascend 25 ft. along a SE. slope.

11.20 Spur, projects NE.; continue along W. slope of spur.

25.80 Recross spur, projects NW.; descend 220 ft. over a N. slope.

35.40 Rocky draw, drains NW.; ascend 85 ft. along a SW. slope.

40.08 Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6, at proportionate distance. No trace of the original cor. monument found.

Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, with brass cap mkd.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 22 S., R. 1 E.

Chains

$\frac{1}{2}$
 S6 | S5
 1954

- Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
- 46.70 Spur, projects N. 60° W., descend 695 ft. along a N. slope to creek.
- 71.80 Irrigation ditch, flows W.
- 74.80 Salina Creek, stream of water, 30 lks. wide, 4 ins. deep, flows W.
- 80.32 The cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp., marked by an iron post, 2 ins. diam., conforming to the record.
- Land, rough and broken mountain slopes.
 Soil, rocky clay loam.
 Timber, juniper and pinon.
 Undergrowth, shadscale, weeds and grass.

GENERAL DESCRIPTION OF T. 22 S., R. 1 E.

The land covered by this resurvey is a rough mountainous area between Salina Creek to the North, and Sevier drainage to the West. Gooseberry Creek flows northerly along the east boundary, and Soldier Fork Canyon cuts northwesterly through the township. A Fork of the latter heads in secs. 29 and 30, and drains northeasterly. Both Soldier Fork Canyon and Gooseberry Creek drain into the Salina Creek. Salina and Gooseberry Creek have small streams of water throughout the year, and in Soldier Fork there is a small intermittent stream of water. Small springs or seeps were noted in sections 20, 21, 24, 28, 31, 32, and 33.

Most of the land is covered by a scant to a medium dense growth of juniper and pinon, with lesser amounts of mountain mahogany and oak. In places in the higher elevations are a few pines. The timber is of value mainly for fence posts and fire wood. The undergrowth consists of sage and rabbit brush, shad scale, weeds and grass.

There are patches of good soil along the bottom of Gooseberry Creek and in sections 31 and 32, but in most of the other parts of the township, the soil consists of a heavy blue or gray clay.

There is a small cultivated area in sections 31 and 32. Along the east boundary are patches of cultivated land in the canyon bottoms.

Utah State Highway No. 10, Salina to Emery, Utah, cuts through the northern part of the township, and a graded road branching from this road in section 5, goes in a southeasterly direction to the Gooseberry Range Station. It follows closely to the old route of Lt. Gunnison's Road.

The land is chiefly valuable for grazing.

STATE OF CALIFORNIA ENGINEER

4-600
(Feb., 1960)

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Fred R. Chappell	Principal Assistant
Scott M. Matheson	Chainman
Alan Alread	Chainman
William N. Bryan	Flagman
Edward Howard	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Robert C. Yundt, Cadastral Engineer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of July 1940

I have surveyed dependently resurveyed the Salt Lake Meridian in T. 22 S. the south and east boundaries and subdivision of T. 22 S., R. 1 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah
February 1, 1948

Robert C. Yundt
Cadastral Engineer

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., APR 6 1955, 19

The foregoing field notes of the survey of dependent resurvey of the Salt Lake Meridian in T. 22 S.; the south and east boundaries and subdivision of T. 22 S., R. 1 E.

executed by Robert C. Yundt, Cadastral Engineer having been critically examined and found correct, are hereby approved.

Earl G. Harrington
Chief, Division of Cadastral Engineering,
Cadastral Engineering Staff Office

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in _____, is a true copy of the original field notes.

Chief, Division of Cadastral Engineering.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original
FIELD NOTES

of the

Independent Resurvey of A Portion

of the

West Boundary of Township 20 South, Range 16 East

and

Establishment of New Corners on A Portion of the East Boundary

and

Retracement and Survey of A Portion of the Subdivision

of

Township 20 South, Range 15 East

Of the

Salt Lake

Meridian,

In the State of

Utah

EXECUTED BY

Vern B. Lane

Cadastral Surveyor (Chief of Party)

Craig P. Sylvester

Cartographic Survey Aid

Under special instructions dated May 20, 1954, which provided

for the surveys included under Group No. 398, approved July 15, 1954

and assignment instructions dated October 17, 1956

Survey commenced October 22, 1956

Survey completed November 1, 1956

INDEX DIAGRAM

Township 20 S., Range 15 E.

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25	26	27 9	28	29	30	1
31	32	33	34	35	36	

Township 20 South, Range 15 East

Chains

The S. $2\frac{1}{2}$ miles of the E. bdy. were originally surveyed by A. D. Ferron in 1885 and resurveyed by Lewis and Blossom in 1898. The E. bdy. of sec. 36 was also resurveyed by R. E. Clark in 1912. The N. $3\frac{1}{2}$ miles of the E. bdy. were originally surveyed by Lewis and Blossom in 1898. The N. bdy. was surveyed by Clark and Yundt in 1941. The W. bdy. was surveyed by A. D. Ferron in 1884 and resurveyed by Miller and Clark in 1912. The Fourth Standard Parallel South through Range 15 East was originally surveyed by A. D. Ferron in 1880 and 1881 and a portion of the Fourth Standard Parallel South was resurveyed by Heist and Wooley in 1906. The Fourth Standard Parallel South was retraced by Miller and Clark in 1912. A portion of the subdivision was surveyed by Miller and Clark in 1912.

The field notes contained herein are those of a dependent resurvey of a portion of the W. bdy. of T. 20 S., R. 16 E. and the establishment of new corners on a portion of the E. bdy. of T. 20 S., R. 15 E., and retracement and original survey of a portion of the subdivision of T. 20 S., R. 15 E.

Before restoring the corners on the E. bdy. of T. 20 S., R. 15 E., the line was retraced and diligent search made for the original monuments. The original corners were remonumented and lost corners were reestablished by the rules of proportionate measurement and monumented with iron posts. In accordance with the intent of the special instructions, the corners of the State school sec. 2 were established at the calculated positions that they would occupy if the entire township were subdivided.

The survey was executed with a W. & L. E. Gurley solar transit No. 40190, constructed in accordance with standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in proper adjustment prior to the beginning of the field work. It was tested and checked frequently during the progress of the survey.

The directions of all lines being reported were determined by deflecting from meridians established by observations upon Polaris and the sun, throughout the survey.

The measurements were made with a steel tape, eight chains in length. This tape was graduated every link for the first chain and thereafter at intervals of ten links. The tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by use of clinometers, and the slope distances properly reduced to horizontal equivalents.

The geographic value for the SE. cor. of the Tp. is Latitude $39^{\circ} 01' 54''$ N. and Longitude $110^{\circ} 10' 32''$ W.

The mean magnetic declination was found to be $16^{\circ} 00'$ E.

Dependent Resurvey of a portion of the W. Bdy. of T. 20 S., R. 16 E. and the establishment thereon of new corners pertaining to T. 20 S., R. 15 E., at intervals of 40 chs. of Northing, counting distance from the cor. of secs. 19, 24, 25 and 30.

Reestablishment of the Retracement executed by Lewis and Blossom in 1898.

Note: The calls of topography as given in the prior surveys are substantially correct and are omitted from this record.

Chains

Beginning at the original cor. of secs. 25, 30, 31 and 36, mkd. by a sandstone, 14x12x8 ins: firmly set and plainly mkd.

At the corner point,

Set an iron post, 30 ins. long, 2 1/2 ins: diam., 20 ins. in the ground with brass cap mkd.

T20S
R15E R16E
S25|S30
S26|S31
1956

Encircle the iron post with a collar of stone.

Bury the original cor. alongside the iron post.

N. 0° 43' E., bet. secs. 25 and 30.

40.11

The original 1/4 sec. cor. of secs. 25 and 30, mkd. by a sandstone, 20x12x8 ins., firmly set and plainly mkd.

At the corner point,

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

↑
S25|S30
1956

Encircle the iron post with a collar of stone.

Bury the original cor. alongside the iron post.

N. 0° 22' E., beginning new measurement.

40.07

The original cor. of secs. 19, 24, 25 and 30, mkd. by the broken base of the original stone, firmly set and the top portion of the stone, plainly mkd., lying loose on the surface.

At the corner point,

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground with brass cap mkd.

T20S
R15E R16E
S24|S19
S25|S30
1956

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of the iron post.

Bury the original monument alongside the iron post.

Land, broken.

Soil, sand and clay.

No timber.

N. 1° 02' E., bet. secs. 19 and 24.

40.01

The original 1/4 sec. cor. of secs. 19 and 24, mkd. by a sandstone 16x6x4 ins., firmly set and disly mkd. in a small mound of stone.

At the corner point,

Depos. Res., W. Bdy., T. 20 S., R. 16 E.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground with brass cap mkd.

S24 | S19
1956

Encircle the iron post with a collar of stone.

Bury the original monument alongside the iron post.

Reestablishment of the original survey executed by Lewis and Blossom in 1898.

N. 0° 13' E., on the W. bdy. of sec. 19, beginning new measurement.

39.90

Point for the closing cor. of secs. 18 and 19, at proportionate dist.; there is no remaining evidence of the position of the original cor.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T20S
R15E | R16E
S13 | S18 C
S19 C
1956

Encircle the iron post with a collar of stone.

Land, rough and broken.
Soil, light clay and sandstone rocks.
No timber.

N. 0° 13' E., on the W. bdy. of sec. 18.

0.10

Point for the cor. of secs. 13 and 24, T. 20 S., R. 15 E.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T20S
R15E | R16E
S13 | S18
S24 |
1956

Encircle the iron post with a collar of stone.

0.66

Proportionate point for the cor., originally set for the cor. of secs. 13, 18, 19 and 24; there is no remaining evidence of the original cor. and the point is not remonumented.

40.10

Point for the 1/4 sec. cor. of sec. 13, T. 20 S., R. 15 E.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T20S
R15E |
1/4
S13 |
1956

Chains

40.115

The point for the 1/4 sec. cor. of sec. 18, at midpoint on the W. bdy of sec. 18, is not monumented.

41.22

The cor. originally set for the 1/4 sec. cor. of secs. 13 and 18, mkd. by a sandstone, 16x8x3 ins., firmly set and plainly mkd. This cor. now functions as an angle point only.

At the angle point,

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.



Bury the original cor. alongside the iron post.

N. 0° 14' E., beginning new measurement.

38.88

Point for the cor. of secs. 12 and 13, T. 20 S., R. 15 E.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground with brass cap mkd.



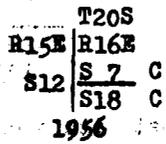
39.01

Build a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the iron post

The original closing cor. of secs. 13 and 18, T. 20 S., R. 16 E., mkd. by a sandstone, 14x14x4 ins., firmly set and plainly mkd.

At the cor. point,

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.



Build a mound of stone, 2 1/2 ft. base, 2 ft. high, E. of the iron post

Bury the original cor. alongside the iron post.

Thence along the W. bdy. of sec. 7.

40.00

The cor. originally set for secs. 7, 12, 13 and 18, mkd. by a sandstone, 30x8x4 ins., firmly set and plainly mkd. This cor. now functions as an angle point.

At the angle point,

Set an iron post, 36 ins. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd.

Chains

38.88

T20S
R15E

S12 AP

1956

Build a mound of stone, 2 ft. base, 2 ft. high, W. of the iron post.
Bury the original monument alongside the iron post.

Land, rough and broken.
Soft clay and gravel.
No timber.

N. 0° 09' E., along the W. bdy. of sec. 7.

38.88

Point for the $\frac{1}{4}$ sec. cor. of sec. 12, T. 20 S., R. 15 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T20S
R15E
 $\frac{1}{4}$
S12
1956

39.91

The original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which now functions as the $\frac{1}{4}$ sec. cor. of sec. 7, T. 20 S., R. 16 E. only, a sandstone, 18x8x8 ins., firmly set and plainly mkd.

At the cor. point,

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T20S
R16E
 $\frac{1}{4}$
S 7
1956

Build a mound of stone, 2 ft. base, 2 ft. high, E. of the iron post.

Bury the original cor. alongside the iron post.

N. 0° 04' E., beginning new measurement.

36.99

The point selected for the witness cor. of secs. 1 and 12, T. 20 S., R. 15 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, and in a mound of stone, $4\frac{1}{2}$ ft. base, to top, with brass cap mkd.

T20S
R15E
W 6
 $\frac{1}{4}$
S12
1956

Note: there is no remaining evidence of the witness cor. set for the cor. of secs. 1, 6, 7 and 12, in the original survey.

Chains	<p style="text-align: right;">closed</p> <p>38.97 True point for the cor. of secs. 1 and 12, T. 20 S., R. 15 E., which is inaccessible.</p> <p>39.74 True point for the cor. of secs. 6 and 7, T. 20 S., R. 16 E., at a proportionate dist.; this point was not monumented in the original survey. Cor. not monumented.</p> <p>Land, rough and mountainous. Soil, clay and gravel. No timber.</p> <hr/> <p>39.23 N. 0° 04' E., on the W. bdy. of sec. 6, T. 20 S., R. 16 E.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of sec. 1, T. 20 S., R. 15 E.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 22 ins. in the ground with brass cap mkd.</p> <div style="text-align: center;"> <p>T20S R15E $\frac{1}{4}$ S 1 1956</p> </div> <p>39.75 The original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, mkd. by a sandstone, 12x8x4 ins., firmly set and plainly mkd. This cor. now functions as the $\frac{1}{4}$ sec. cor. of sec. 6, T. 20 S., R. 16 E., only.</p> <p>At the corner point,</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T20S R16E $\frac{1}{4}$ S 6 1956</p> </div> <p>Build a mound of stone, 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, E. of the iron post.</p> <p>Bury the original cor. alongside the iron post.</p> <hr/> <p>N. 0° 03' W., beginning new measurement.</p> <p>41.37 The cor. of Ts. 19 and 20 S., Rs. 15 and 16 E., an iron post, 3 ins. diam., conforming to the record of the 1930 survey.</p> <p>Land, rough and mountainous. Soil, light clay, sand and exposed sandstone. Timber, thinly scattered juniper.</p> <hr/> <p style="text-align: center;">Portion of the Subdivision of T. 20 S., R. 15 E.</p> <hr/> <p>At the point for the cor. of secs. 1 and 2, on the N. bdy. of the Tp</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3$\frac{1}{2}$ ft. base, to top, with brass cap mkd.</p>
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Partion of Subdivision, T. 20 S., R. 15 E.

Chains

T19SR15E
 S35
 S 2 | S 1
 T20S
 1956

From this cor., the cor. originally set for the cor. of secs. 1, 2, 35 and 36, bears East, 2.03 chs. dist., an iron post, 2 inches diam., conforming to the record of the 1930 survey. I remove the marks on the brass cap pertaining to sec. 2.

South, bet. secs. 1 and 2, on a line calculated to connect the cor. of secs. 23, 24, 25 and 26.

Over rough and mountainous land, asc. 730 ft. over steep broken N. slope.

19.70 Top of ascent, bears NW. and SE.; thence over nearly level plateau through scattering timber.

26.60 Rim, a ledge, bears N. 60° E. and S. 60° W.; desc. 380 ft. over ledge and steep talus SE. slope.

41.84 Point for the 1/2 sec. cor. of secs. 1 and 2.

Set an iron post, 30 inches long, 2 1/2 inches diam., 12 inches in the ground and in a mound of stone, 3 1/2 ft. base, to top with brass cap marked

T20SR15E
 ↑
 S 2 | S 1
 1956

Desc. 120 ft. over SE. slope.

49.80 Wash, 20 lks. wide, 4 ft. deep, drains steeply over ledges to N. 70° E.; asc. 430 ft. over steep broken N. slope.

68.80 Top of steep ascent, thence asc. 80 ft. along precipitous E. slope.

76.70 Rim, a ledge bearing S. 50° W. and N. 50° E.; desc. 210 ft. abruptly.

81.84 Point for the cor. of secs. 1, 2, 11 and 12, at a distance calculated to intersect a parallel connecting the cor. of secs. 1 and 12, on the E. bdy. and the cor. of secs. 5, 6, 7 and 8.

Set an iron post, 36 inches long, 1 inch diam., 4 inches in the ground to bedrock and in a mound of stone, 5 ft. base, to top with brass cap marked

T20SR15E
 S 2 | S 1
 S11 | S12
 1956

Land, rough and mountainous.
 Soil, light sandy loam and clay.
 Timber, scattering pinon and juniper on plateau.

N. 89° 58' W., bet. secs. 2 and 11, on a parallel calculated to connect the cor. of secs. 5, 6, 7 and 8.

Along rough ledgy S. face of high rim.

5.00 Rim, bears N. 70° E. and S. 70° W.; thence over nearly level top of plateau through dense timber.

Chains

enclad

- 21.48 The point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
Set an iron post, 36 inches long, 1 inch diam., on sandstone surface and in a mound of stone, 4 ft. base, to top with brass cap marked
- T20SR15E
W $\frac{1}{4}$ S 2
C S 11
1956
- 21.60 Rim, bears N. 60° W. and S. 60° E.; the following 50 chs. of the line was impassable as the line passes along the S. face of sheer ledges and cliffs.
- 49.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11, falls on inaccessible ledges, facing S.
- 74.00 Wash, drains steeply to S. over ledges., asc. abruptly.
- 80.00 Point for the cor. of secs. 2, 3, 10 and 11.
Set an iron post, 36 inches long, 1 inch diam., 19 inches in the ground to bedrock and in a mound of stone, 4 ft. base, to top with brass cap marked
- T20SR15E
S 3 | S 2
S 10 | S 11
1956
- Land, rough and mountainous.
Soil, clay and exposed sandstone.
Timber, dense pinon and juniper on plateau.
-
- N. 0° 01' W., bet. secs. 2 and 3.
- Over rough and mountainous land, asc. 190 ft. over talus S. slope.
- 5.30 Rim, faces S. and bears N. 60° E. and S. 60° W.; asc. 30 ft. over top of plateau through dense timber.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.
Set an iron post, 36 inches long, 1 inch diam., 22 inches in the ground and in a mound of stone, 2 $\frac{1}{2}$ ft. base, to top with brass cap marked
- T20SR15E
 $\frac{1}{4}$
S 3 | S 2
1956
- Desc. 40 ft. over top of plateau.
- 49.60 Rim, a ledge bearing S. 80° W. and N. 80° E.; desc. 380 ft. over ledge and steep talus N. slope.
- 63.70 Base of N. slope, thence desc. 110 ft. along an E. slope.
- 79.90 Ledge, bears E. and W., and faces N., desc. 120 ft. abruptly.
- 81.99 Intersect the S. bdy. of sec. 34, T. 19 S., R. 15 E.
At the point for the closing corner of secs. 2 and 3.
Set an iron post, 36 inches long, 1 inch diam., 10 inches in the

Partion of Subdivision, T. 20 S., R. 15 E.

Chains

ground to bedrock and in a mound of stone, 3½ ft. base, to top with brass cap marked

T19SR15E

S34
 $\frac{83}{3} \frac{9}{2}$

C C
 1956

From this closing corner, the cor. originally set to function as the cor. of secs. 2, 3, 34 and 35, bears East, 1.83 chs. dist.; an iron post, 2 inches diam., conforming to the record of the 1930 survey. I remove the marks pertaining to sec. 3 from the brass cap.

Land, rough and mountainous.
 Soil, sand, light clay and exposed sandstone.
 Timber, dense pinon and juniper on plateau.

Establishment of the ¼ sec. cor. of sec. 2, on the N. bdy. of the Tp.

The point for the ¼ sec. cor. of sec. 2 is at midpoint on the N. bdy. of sec. 2, and falls in a wash where the corner cannot be perpetuated.

The point selected for the witness cor. bears East, 3.63 chs. dist.

At the witness cor. point,

Set an iron post, 36 inches long, 1 inch diam., 10 inches in the ground to bedrock and in a mound of stone, 4 ft. base, to top with brass cap marked

T19SR15E

W
 C $\frac{1}{4}$ S 2
 1956

From the true point for the ¼ sec. cor. of sec. 2, the true point for the ¼ sec. cor. of sec. 35, bears East, 1.93 chs. dist., from which its witness cor. bears East, 2.00 chs. dist., an iron post, 1 inch diam., conforming to the record of the 1930 survey. I remove the marks pertaining to sec. 2 from the brass cap.

Retracement of a portion of the subdivision of T. 20 S., R. 15 E., executed by Miller and Clark in 1912.

Beginning at the cor. of secs. 27, 28, 33 and 34, an iron post, 2 inches diam., conforming to the record of the 1912. survey.

N. 0° 01' W., bet. secs. 27 and 28.

40.11 The ¼ sec. cor. of secs. 27 and 28, an iron post, 1 inch diam., conforming to the record of the 1912 survey.

55.11 The witness point on the line bet. secs. 27 and 28, an iron post, 1 inch diam., conforming to the record of the 1912 survey.

Thence with original survey.

N. 0° 01' W., bet. secs. 27 and 28, continuing measurement.

Over rough and mountainous land, asc. 1780 ft. over steep talus S. slope and high cliff.

80.00 Point for the cor. of secs. 21, 22, 27 and 28, is inaccessible and not monumented.

Portion of Subdivision, T. 23 S., R. 15 E.

Chains

Land, broken and the N. 25 chs., extremely rough and broken.
Soil, shale and light clay.
No timber.

N. 0° 01' W., bet. secs. 21 and 22.

Over S. face of high cliff.

6.60 Top of the Book Cliff, bears E. and W.

6.75 Point selected for the witness cor. of secs. 21, 22 27 and 28.

Set an iron post, 30 inches long, 2½ inches diam., 14 inches in the ground to bedrock and in a mound of stone, 3 ft. base, to top with brass cap marked

T208R15E

S21|S22

S28|S27

W C

1956

Cor. is located on a narrow ridge with vertical walls from 600 to 800 ft. high extending to E.

The survey was discontinued at this witness corner as the terrain to the N. could not be surveyed except at prohibitive costs.

General Description.

Sec. 2 is located partly on the Beckwith Plateau and its rough and rugged slopes, composed of the Book Cliffs. It is a ragged area cut by numerous deep canyons and high cliffs and ledges. There are a few trees in the lower portions of the section and a good growth of pinon and juniper in the higher portions of the section.

The remainder of the Tp. was amply described in the field notes of the 1912 survey.

Corners on north boundary set in 1930 for Ts. 19 and 20 S., function only as corners for T. 19 S.

Standard corners on south boundary now serve as angle points only.

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 20th day of May, 1957 I have ~~surveyed~~ independently resurveyed a portion of the West bdy. of T. 20 S., R. 15 E. and ~~established new corners on a portion of the East bdy., and retraced and surveyed~~ a portion of the subdivision of T. 20 S., R. 15 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by me ~~and under my direction~~; and the said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah
June 27, 1957

Craig P. Sylvester
Craig P. Sylvester, Cartographic Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., 1957

The foregoing field notes of the survey of _____
_____ executed by _____
_____ having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor the pursuance of special instructions bearing date of the 20th day of May, I have ~~executed~~ supervised the dependent resurvey of a portion of the West bdy. of T. 20 S., R. 16 E.; and establishment of new corners on a portion of the East bdy. and the retracement and survey of a portion of the subdivision of T. 20 S., R. 15.

of the Salt Lake Meridian, in the State of Utah, which a represented in the foregoing field notes as having been ~~executed by me and under my direction~~ executed under my supervision; and the said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Salt Lake City, Utah
June 27, 1957

Vern E. Lane
Vern E. Lane, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 6 1957, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of a portion of the West bdy. of T. 20 S., R. 16 E.; and establishment of new corners on a portion of the East bdy. and the retracement and survey of a portion of the subdivision of T. 20 S., R. 15.

executed by Craig P. Sylvester, under the supervision of Vern E. Lane.

having been critically examined and found correct, are hereby approved.

Donald Clement
Acting Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

Survey of the South and East Boundaries

and

Portion of the Subdivision

of

Township 21 South, Range 9 East

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Andrew Nelson, Cadastral Surveyor

Under special instructions dated July 19, 1955, which provided
for the surveys included under Group No. 362, approved August 17, 1955
and assignment instructions dated July 30, 1956

Survey commenced September 10, 1956

Survey completed October 2, 1956

INDEX DIAGRAM

Township 21 South, Range 9 East

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18	17	28 28 16 27	20 15	14	13 11
19	20	21	19 22	23	24 10
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31	30 32	29 33	17 34	35	16 15 36 7
6	6	5	4	3	1

Chains

The west boundary was previously surveyed by Miller and Nelson in 1910. The north boundary or 4th Standard Parallel South was surveyed by Miller and Byergo in 1918.

The following field notes are those of the survey of the south and east boundaries and the partial survey of subdivisional lines deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with W. and L. E. Gurley transit, serial No. 491037. The instrument is equipped with full vertical circle and improved Smith-type telescopic solar attachment and conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in good adjustment throughout this survey.

The solar attachment was not used. The directions of the lines were determined by sustained angulation carried forward from true meridians determined by hour angle observations upon Polaris.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method but for simplification of the record the random lines are omitted from the field record. In accordance with the intent of the special instructions all subdivisional corners established are calculated to be at positions they would occupy if the entire township were subdivided.

Measurements were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a Lufkin steel standard tape, 1 chain in length and found correct. All measurements were made on the slope and the vertical angle of each interval ascertained by two clinometers in good adjustment. The horizontal equivalents only are entered in the field note record. The lengths of all lines were determined by chaining where possible; otherwise by triangulation or traverse. The details of such triangulations or traverses have thoroughly verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The geographic position for the southeast corner of this township is in latitude $38^{\circ} 56' 19''$ N., and longitude $110^{\circ} 51' 06''$ W., as determined by scaling from U. S. Geological Survey topographic sheets.

The magnetic declination was found to be approximately 16° E.

Survey of South Boundary, T. 21 S., R. 9 E.

Beginning at the cor. of Ts. 21 and 22 S., Rs. 9 and 10 E., marked by an iron post, $2\frac{1}{2}$ ins. diam., established by me under present assignment and described in field notes of the completion survey of the W. bdy. of T. 22 S., R. 10 E.

Thence

West, bet. secs. 1 and 36, on S. bdy. of T. 21 S., R. 9 E.

Over broken mountainous land, through few scattered scrub junipers; asc. 60 ft. along an abrupt S. slope, over boulders and small rim ledges.

South Boundary, T. 21 S., R. 9 E.

Chains						
6.00	Top of ascent on abrupt S. slope and at the S. base of nearly vertical sandstone wall about 200 ft. high; desc. abrupt SW. slope 130 ft.					
13.00	Wash, 30 lks. wide, in bottom of branch canyon, drains NW. for 2 chs.; thence W.; a small seep rises in wash 2 chs. NW. Thence along rolling N. slope on S. side of wash.					
27.00	Enter same wash from N. 80° E.; thence along general bottom to					
37.00	Leave wash bottom, drains N. 80° W.; asc. 10 ft. over sandy bench.					
40.00	Point for the 1/2 sec. cor. of secs. 1 and 36.					
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap marked					
	<table border="1"> <tr><td>S 36</td></tr> <tr><td>S 1</td></tr> <tr><td>1956</td></tr> </table>	S 36	S 1	1956		
S 36						
S 1						
1956						
	Raise a small mound of stone around post.					
	Cor is on sandy NE. slope.					
43.60	Begin descent of 25 ft.					
50.00	Wash, 1 ch. wide in bottom of Bullock Draw, 120 ft. below township cor., drains N. 10° W.; asc. broken E. slope, 70 ft.					
55.40	E. base of nearly vertical sandstone wall, bears N. and S.					
55.90	Top of 130 ft. rim; thence more gradual ascent over mesa, solid sandstone.					
62.20	Top of ascent on mesa, 285 ft. above Bullock Draw, bears S. and slopes N. about 8 chs. dist. to N. end; desc. 30 ft.					
64.30	Top of 150 ft. vertical rim ledge and E. rim of canyon, bears N. 30° E. and S. 30° W.; desc. W. slope, 300 ft.					
69.00	Enter canyon bottom, bears N. and S.					
73.00	Wash, 1 ch. wide, in S. Fork of Coal Wash, drains N. 20° W.; Bullock Draw enters 8 chs. N.; continue along bottom land.					
80.00	Point for the cor. of secs. 1, 2, 35, and 36.					
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground and in collar of rock, with brass cap marked					
	<table border="1"> <tr><td>T21S R9E</td></tr> <tr><td>S35 S36</td></tr> <tr><td>S2 S1</td></tr> <tr><td>T22S</td></tr> <tr><td>1956</td></tr> </table>	T21S R9E	S35 S36	S2 S1	T22S	1956
T21S R9E						
S35 S36						
S2 S1						
T22S						
1956						
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of post.					
	<p>Land, rough mountainous. Soil, shallow sandy clay and rocky of sandstone formation. Timber, scattered juniper and pinon on portions of mile. Undergrowth; scattered shadscale.</p>					

South Boundary, T. 21 S., R. 9 E.

Chains

West, bet. secs. 2 and 35.

Over rough mountainous land, through short undergrowth and few scattered trees.

0.70 Top of 12' ft. bank, bears N. and S.; thence across bench.

3.20 Base of sandstone wall and leave canyon bottom, bears N. and SW.; abrupt ascent.

5.10 Top of wall and lower rim, 125 ft. above cor., bears N. and SW.; thence gradual ascent over rocky bench.

20.00 Head of draw, drains N. 30° E.; begin steep ascent over SE. slope, nearly solid sandstone.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 2 and 35.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in a drill hole, and supported in a mound of stone to top, with brass cap mkd.

$\frac{1}{2}$ $\frac{S\ 35}{S\ 2}$
1956

Corner is located on steep SE. slope, 565 ft. above sec. cor.

42.00 Top of steep sandstone slope and W. rim of canyon, 50 ft. above $\frac{1}{2}$ sec. cor., bears NE. and SW.; thence over broken bench sloping NW.; entering medium dense timber.

64.10 Draw, near head, drains N. 20° W.; asc. steep E. slope, 75 ft.

68.40 Top of ascent from draw; thence across spur sloping NW.

70.50 Begin steep descent over W. slope, 120 ft.

75.50 Draw, drains N. 20° W.; asc. 30 ft. to cor.

80.00 Point for the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, and supported in a mound of stone to top, with brass cap mkd.

T21S R9E
S34|S35
S3|S2
T22S
1956

from which

A pinon, 12 ins. diam., bears N. 58° E., 20 lks. dist., marked T21S R9E S35 BT.

A pinon, 8 ins. diam., bears S. 35° W., 43 lks. dist., marked S3 BT.

A pinon, 10 ins. diam., bears N. 80° W., 25 lks. dist., marked S34 BT.

Corner is located on steep rocky NE. slope.

South Boundary, T. 21 S., R. 9 E.

Chains

Land, rough mountainous and broken benches; E. 42 chs. drains into S. Fork of Coal Wash; remainder drains NW. into Wood Hollow. Soil, shallow sandy clay and sandstone slickrock on canyon slope; limestone capping on W. portion. Timber, scattered to medium dense on the W. portion. Undergrowth, sparse shadscale and Brigham tea.

West, bet. secs. 3 and 34.

Over broken bench land with a general NW. exposure, through medium dense scrub timber; asc. rocky NE. slope, 50 ft.

- 2.00 E. edge of bench spur, bears N. 20° W. and S. 20° E.; thence across spur sloping NW.
- 9.20 W. edge of same, bears N. and S.; desc. steep SW. slope, 110 ft.
- 19.00 Draw, drains N. 30° W.; asc. steep NE. slope, 70 ft.
- 23.00 E. edge of flat bench spur, slopes NW.
- 31.00 E. rim of canyon; desc. steep, rocky W. slope, 120 ft.
- 37.20 Wash, 1 ch. wide, in bottom of Wood Hollow, drains NE. for about 8 chs., thence NW.; asc. E. slope, 50 ft.
- 40.00 Point for the ¼ sec. cor. of secs. 3 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked

¼ $\frac{S\ 34}{S\ 3}$
1956

from which

A juniper, 10 ins. diam., bears S. 27½° E., 37 lks. dist., marked ¼ S3 BT.

A pinon, 7 ins. diam., bears N. 62° W., 48 lks. dist., marked ¼ S34 BT.

Corner is located on a steep rocky E. slope.

- 42.40 Top of ascent on W. rim of Wood Hollow, 60 ft. above cor., bears N. 20° W. and S. 20° E.; thence gradually descending over bench, 110 ft. to cor.; enter scattered timber.
- 69.00 Top of low white shale rise; bears NE. and S.; continue descent.
- 80.00 Point for the cor. of secs. 3, 4, 33, and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to limestone bedrock, and supported in a large mound of stone to top; with brass cap marked

T21S R9E
S33|S34
S4|S3
T22S
1956

from which

Chains

A pinon, 6 ins. diam., bears N. 67½° E., 82 lks. dist., marked S34 BT.

A juniper, 6 ins. diam., bears S. 3½° W., 131 lks. dist., marked S4 BT.

A pinon, 10 ins. diam., bears N. 26° W., 53 lks. dist., marked S33 BT.

Corner is located on a gradual SW. slope.

Land, broken benches with a gradual NW. slope and drainage. Soil, shallow sandy clay, shale and rocky. Timber, medium dense to scattering scrub juniper and pinon. Undergrowth, sparse shadscale, yellow top and Brigham tea.

West, bet. secs. 4 and 33.

Over rolling and broken land, through short undergrowth and few trees; slight descent over rolling S. slope.

- 1.60 Small draw, drains SW.; leave timber.
- 9.00 Low rise, slopes SW.; desc. 30 ft. over W. slope.
- 20.00 Wash, 1 ch. wide, in bottom of large draw, 60 ft. below cor., drains N. 20° W.; gradually asc. over rolling N. slope.
- 33.70 Narrow wash, 15 ft. deep, vertical banks, in ravine, 25 ft. deep, drains N.
- 40.00 Point for the ¼ sec. cor. of secs. 4 and 33.
Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

$$\frac{1}{4} \frac{S 33}{S 4}$$
 1956

Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.

- 42.20 Wash, 3 ft. deep, in swale, drains N. 10° E.
- 55.40 Low rolling ridge, 20 ft. abot ¼ sec. cor., bears N. 10° E. and S.; entering broken land and gypsum formation, general NW. slope.
- 80.00 Point for the cor. of secs. 4, 5, 32, and 33.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked

T21S R9E
 S32|S33
 S5|S4
 T22S
 1956

No accessories available.

Corner is located on small gypsum rise, 60 ft. below ridge.

Land, rolling and broken; general N. and NW. slope and drainage. Soil, sandy clay; E. end of mile is in limestone and shale formation; W. portion is gypsum formation. Timber, few junipers and pinon on E. end of mile. Undergrowth, shadscale and black brush.

46A

South Boundary, T. 21 S., R. 9 E.

Chains											
	West, bet. secs. 5 and 32. Over rough, broken gypsum and shale land with general N. to NW. exposure; through short desert browse.										
2.50	Draw, 40 ft. deep, drains NW.										
7.10	Draw, 40 ft. deep, drains NE. to junction with above draw, thence NW.										
16.30	Draw, 30 ft. deep, drains NW.										
18.50	Draw, 40 ft. deep, drains N.										
34.10	Top of light colored rise, bears N. and SE.										
38.50	Ridge, bears NW. and SE.										
39.20	Point for the witness $\frac{1}{4}$ sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, small collar of gypsum rock around post; with brass cap mkd <div style="text-align: center;"> <table border="0"> <tr><td>W</td><td>$\frac{1}{4}$</td><td>S 35</td></tr> <tr><td>C</td><td>$\frac{1}{4}$</td><td>S 2</td></tr> <tr><td colspan="3">1956</td></tr> </table> </div>	W	$\frac{1}{4}$	S 35	C	$\frac{1}{4}$	S 2	1956			
W	$\frac{1}{4}$	S 35									
C	$\frac{1}{4}$	S 2									
1956											
	No accessories available.										
40.00	True point for the $\frac{1}{4}$ sec. cor. falls on an abrupt W. slope on unsafe ground for monumentation.										
43.70	A main draw, 60 ft. deep, drains N. 70° W.; thence along very broken N. slope over numerous sharp spurs and narrow draws.										
79.00	Spur, projects NW.; thence along S. slope.										
80.00	Point for the cor. of secs. 5, 6, 31, and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to shale rock, and supported in a mound of stone to top, with brass cap marked <div style="text-align: center;"> <table border="0"> <tr><td colspan="2">T21S R9E</td></tr> <tr><td>S31</td><td>S32</td></tr> <tr><td>S6</td><td>S5</td></tr> <tr><td colspan="2">T22S</td></tr> <tr><td colspan="2">1956</td></tr> </table> </div>	T21S R9E		S31	S32	S6	S5	T22S		1956	
T21S R9E											
S31	S32										
S6	S5										
T22S											
1956											
	No accessories available. Land, very rough and broken gypsum hills; general NW. slope and drainage. Soil, shallow sandy clay lying on gypsum or shale. No timber. Undergrowth, sparse desert browse.										

	West, bet. secs. 6 and 31. Over rough, broken gypsum hills, through sparse undergrowth; descending broken S. and SW. slopes towards Eagle Canyon.
13.20	Gulch, 75 ft. deep, drains SW.
31.00	Enter sandy bottom land, bears N. and S.

South Boundary, T. 21 S., R. 9 E.

Chains

37.30

Shallow sandy wash, 1 ch. wide, in bottom of Eagle Canyon, 175 ft. below sec. cor., drains N. 10° W.; asc. 65 ft. over abrupt E. slope.

40.00

True point for the $\frac{1}{4}$ sec. cor. falls on abrupt E. slope on unsafe place for monumentation.

40.50

Point for $\frac{1}{4}$ sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked

½	S 31	W
	S 6	C
	1956	

49.40

Top of ascent on W. rim of Eagle Canyon, 175 ft. above wash, bears N. and S.; thence over rolling bench sloping NW.

59.50

Swale, drains NW.

77.61

Intersect E. bdy. of T. 22 S., R. 8 E.

Point for the closing cor. of Ts. 21 and 22 S., R. 9 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in small mound of stone, with brass cap marked

T22S	T21S	
	R9E	
	R8E	S31 C
S 1	S 6	C
	T22S	
	1956	

No accessories available.

The closing cor. is located on a steep W. shale slope, 70 ft. below rim.

From this closing cor. the cor. originally set for Ts. 21 and 22 S., Rs. 8 and 9 E., marked by an iron post, 3 ins. diam., conforming to the 1922 survey record, bears North, 8.22 chs. dist. As this cor. now functions for Ts. 21 and 22 S., R. 8 E. only, I change markings on post to read

T21S	R8E	R9E
	S36	T21S
	S 1	S31
T22S		
	1956	
	1922	

Land, rough broken gypsum hills on E. portion; rolling on W. end. Soil, clay and sandy; gypsum and shale formation.

No timber.

Undergrowth, sparse desert browse.

Survey of East Boundary, T. 21 S., R. 9 E.

Beginning at the cor. of Ts. 21 and 22 S., Rs. 9 and 10 E.

North, bet. secs. 31 and 36, on E. bdy. of township.

Chain

Over rough mountainous land; the line N. ascends high sandstone wall impracticable to chain; thence by triangulation.

4.00 Top of nearly vertical sandstone ledge, 400 ft. above cor., bears W. and E. for about 8 chs. to head of cove, thence S.; continue ascent over bare sandstone.

7.40 Top of sandstone knob at top of ascent, 900 ft. above cor.; end of triangulation.

Desc. 50 ft. over N. face of knob.

9.50 Thence across slickrock bench.

20.00 Leave bare slickrock, enter sandy basin with scattered timber, bears E. and W.

25.00 Leave sandy basin and timber; continue over bare sandstone.

36.24 Point for the witness $\frac{1}{2}$ sec. cor. of secs. 31 and 36.

Set an iron post, 28 ins. long, 1 in. diam., 10 ins. in drill hole in solid rock, and supported in a mound of stone to top, with brass cap marked

W C
 $\frac{1}{2}$
 S36 $\frac{1}{2}$ S31
 1956

The witness cor. is located on top of 150 ft. vertical rim ledge facing N. and bears NW. and S. 70° E.

The line N. crosses head of deep cove and follows along the general E. slope of irregular sandstone rim with inaccessible walls; thence by triangulation with approximate topography.

40.00 True point for the $\frac{1}{2}$ sec. cor. falls on inaccessible N. face of rim about 200 ft. below the witness cor.

43.00 Gulch, near head, 300 ft. deep, drains NE.

57.00 Gulch, drains NE.

66.68 E. point of narrow rock spur; end of triangulation.

Desc. N. face of 100 ft. rim ledge and talus slope.

74.00 Gulch in cove, 400 ft. below spur, drains NE. 10 chs. to canyon; asc. 50 ft. along steep rocky E. talus slope.

80.00 Point for the cor. of secs. 25, 30, 31, and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in mound of stone, with brass cap marked

T21S

R9E	R10E
S25	S30
S36	S31

 1956

from which

East Boundary, T. 21 S., R. 9 E.

Chains

N. face sandstone boulder, 8x4x3 ft., 1½ ft. above ground, bears S. 25° E., 11 lks. dist., marked with a 12 in. cross (X).

E. face of large boulder, bears N. 85° W., 4½ lks. dist., marked with a 12 in. cross (X).

Cor. is located on steep E. slope among boulders, 1 ch. E. of a 100 ft. rim ledge facing E., and 425 ft. below the witness ¼ sec. cor.

Land, rough mountainous, broken by high rims and deep gulches. Soil, shallow sand in patches with sandstone slickrock. Timber, small patch of juniper and pimon on S. ½ mile. Undergrowth, very sparse shadscale.

North, bet. secs. 25 and 30.

Over mountainous land, through short undergrowth; desc. NE. slope, 100 ft.

12.00 Wash, 2 chs. wide, in bottom of N. Fork of Coal Wash, drains NW.; gradually asc. rolling W. slope, 30 ft. to ¼ sec. cor.

29.50 Small draw, drains S. 70° W. 3 chs. dist. to canyon wash.

36.00 Small draw, drains W.

40.00 Point for the ¼ sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in collar of rock, with brass cap marked

S25 | S30

1956

No accessories available.

Cor. is located on a gradual SW. slope; the E. base of sandstone butte 100 ft. high bears W. of cor. 2 chs. dist.; and W. base of small sandstone butte bears N. 70° E., approximately 5 chs. dist.

45.00 Low sandy ridge bet buttes, bears E. and W.; desc. N. slope 50 ft.

47.00 Draw from NE., drains NW.; asc. S. slope.

51.00 Base of 120 ft. vertical ledge on S. face of island butte, bears NW. and E.

55.00 Top of S. portion of butte, 200 ft. above draw, bears E. and W. for 50 lks. to point.

58.00 Cross head of cove in W. side of butte, 100 ft. deep, drains W.

61.00 Top of N. side of butte, bears E. and W.; desc. over ledge and talus slope, 250 ft.

73.00 Wash, 30 lks. wide in bottom of branch canyon, drains SW.; asc. 50 ft. over SE. slope.

78.20 Point for the witness cor. of secs. 19, 24, 25, and 30.

East Boundary, T¹ E¹ S., R. 9 N.

<p>Chains</p>	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, and supported in a mound of stone to top, with brass cap marked</p> <p>W G T218 R9E R10E S24 S19 S23 S30 1956</p> <p>from which</p> <p>A juniper, 8 ins. diam., bears S. 1° W., 29 lks. dist., marked BT.</p> <p>Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of post.</p> <p>Cor. is located on E. slope, 60 lks. dist. E. of base of 150 ft. vertical wall, bears N. and SW.</p> <p>80.00 True point for sec. cor. falls in ravine on steep E. slope, unsafe place for monumentation.</p> <p>Land, rolling to rough mountainous, drainage into N. Fork of Coal Wash. Soil, sandy and rocky. Timber, few scattered juniper and pinon on portions of mile. Undergrowth, scattered shadscale and sagebrush.</p> <hr/> <p>North, bet. secs. 19 and 24.</p> <p>Over rough mountainous land, through very scattered timber and short undergrowth; abrupt ascent of 220 ft. over SE. slope.</p> <p>4.00 Top of 150 ft. vertical rim ledge, irregular, bears NE. and SW.; continue steep ascent over barren sandstone S. to SW. slopes.</p> <p>14.40 Top of ascent on W. slope of high point, 525 ft. above cor.; summit bears E. of line 50 lks. dist., along top.</p> <p>15.90 Begin descent of 35 ft.</p> <p>18.00 Saddle in spur, projects N. 80° W. about 15 chs. dist. to end; desc. steep barren sandstone slope, 120 ft.</p> <p>24.70 Draw, drains N. 80° W.; asc. 30 ft. along W. slope.</p> <p>27.00 Top of W. slope.</p> <p>33.50 Wide shallow draw, at head, drains W.; asc. 100 ft. over S. slope.</p> <p>39.00 Top of steep S. slope; thence along W. slope.</p> <p>40.00 Point for the 1/2 sec. cor. of secs. 19 and 24.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to rock, and supported in a large mound of stone to top; with brass cap marked</p> <p>S24 S19 1956</p>
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Chains							
	Desc. 40. ft. along W. slope.						
45.50	Head of gulch, drains SW.; saddle in sharp crested ridge bearing N. and S., bears E. of line 50 lks. dist.; asc. 50 ft. over SW. slope.						
48.20	S. edge of ridge, bears W. and SE.; thence across flat top through medium dense timber.						
58.00	N. edge of ridge, bears NW. and SE.; desc. steep NE. slope, 350 ft. over solid sandstone slopes and ledges.						
79.60	Narrow bottom of canyon with 30 ft. walls, drains NW. for 4 chs., thence W.						
80.00	True point for sec. cor. falls on N. wall of canyon, unsafe place for monumentation,						
	<p>Land, rough mountainous. Soil, mostly sandstone bedrock with shallow sandy clay. Timber, scattered juniper and pinon. Undergrowth, sparse shade.</p>						
	North, bet. secs. 13 and 18.						
	Over rough mountainous land, through scattered timber; gradually desc. 60 ft. along W. slope.						
1.50	Point selected for witness sec. cor. of secs. 13, 18, 19, and 24.						
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and supported in a mound of stone to top, with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T21S</td></tr> <tr><td>R9E R10E</td></tr> <tr><td>S13 S18</td></tr> <tr><td>S24 S19</td></tr> <tr><td>W C</td></tr> <tr><td>1956</td></tr> </table>	T21S	R9E R10E	S13 S18	S24 S19	W C	1956
T21S							
R9E R10E							
S13 S18							
S24 S19							
W C							
1956							
	from which						
	A lone yellow pine, 9 ins. diam., bears N. 20° W., 66½ lks. dist., marked WC T21S R9E S13 BT.						
	Point on sandstone surface sloping W., bears East, 26 lks. dist., marked with an 18 in. cross and BO, thus <table style="display: inline-table; vertical-align: middle;"><tr><td>B</td><td> </td><td>O</td></tr></table>	B		O			
B		O					
7.00	Canyon, drains N. 20° E.; thence along rough E. slope.						
14.00	Bottom of short branch gulch, drains E. 1 ch. to canyon bottom; asc. abruptly over SE. sandstone slope, 175 ft.						
24.20	Top of ascent on steep E. slope of canyon rim; desc. along abrupt E. slope, 160 ft. to cor.						
36.00	Slope changes to N. slope.						
40.00	Point for the ¼ sec. cor. of secs. 13 and 18.						

East Boundary, T21S., R. 9 E.

Chains

Set an iron post, 30 ins. long; 2½ ins. diam., 8 ins. in the ground to bedrock, and supported in a mound of stone to top, with brass cap marked

S13 | S18
1956

Cor. is located on steep, rocky N. slope:

A sandstone peak, bears S. 55½° E., approximately 25 chs. dist.

A brown colored peak, bears N. 37½° E., about 47 chs. dist.

A sandstone knob on spur, bears N. 89½° W., about 15 chs. dist.

Desc. N. slope, 100 ft.

44.30 Enter canyon bottom, bears NW. and SE.

47.00 Wash, 50 lks. wide, in bottom of Mesquite Canyon, drains NW.

51.00 Recross wash, drains NE.; continue along bottom land.

61.20 Recross canyon wash, drains NW.; asc. abrupt E. slope 50 ft.

67.50 Top of ascent on abrupt E. slope of dome; summit bears W. of line about 2 chs. dist.; desc. 25 ft.

72.00 Steep, narrow chasm bet. high sandstone domes, heads NW. 2 chs. dist. in deep saddle; drains SE.; asc. 100 ft. over precipitous W. face.

74.60 Top of ascent on W. face of dome; summit bears E. about 5 chs. dist.; desc. rocky NW. slope, 100 ft.

80.00 Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked

T21S
R9E | R10E
S12 | S7
S13 | S18
1956

from which

A yellow pine, 14 ins. diam., bears N. 38½° E., 229 lks. dist., marked T21S R10E S7 BT.

A yellow pine, 14 ins. diam., bears N. 10° W., 139 lks. dist., marked T21S R9E S12 BT.

Land, rough mountainous.

Soil, rocky of sandstone formation with shallow sand.

Timber, scattered juniper and pinon, with few yellow pines.

Undergrowth, shadscale, sagebrush and Brigham tea along canyon.

North, bet. secs. 7 and 12.

East Boundary, T. 21 S., R. 9 E.

Chains

Over rough mountainous land, through very scattered timber; desc. N. slope, 15 ft.

2.80 Rocky draw, drains W.; asc. 100 ft. over SW. slickrock slope.

10.50 Top of ascent on W. slope; desc. 60 ft.

16.60 Draw, drains W.; asc. steep S. slope, 80 ft.

22.50 Top of steep slope; thence more gradual ascent over S. to SE. slopes.

40.00 Point for the 1/4 sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in a drill hole in solid rock, and supported in a mound of stone to top, with brass cap marked

1/4

S12 | S7

1956

A small sandstone peak, bears S. 41 1/2° E., about 7 chs. dist.

The SE. point of bench, bears N. 36° W., about 3 chs. dist.

41.60 Ridge, 20 ft. above cor. bears NW. and SE.; desc. along steep, rocky NE. and N. slopes, 190 ft. to.

49.10 Head of draw, drains N. 10° E.; continue descent along broken E. slope.

63.30 Base of descent on E. slope, 280 ft. below ridge; asc. 50 ft. over ledges.

67.90 Top of ascent on abrupt E. slope, 5 chs. E. of high vertical rim; gradually desc. 25 ft. along steep, broken E. slope to cor.

72.00 Cross head of narrow gulch, 50 ft. deep, drains NE.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in a drill hole in solid rock, and supported in a mound of stone to top, with brass cap marked

T21S

R9E | R10E

S1 | S6

S12 | S7

1956

Cor. is located on rocky E. slope, 1 ch. E. of high rim.

Land, rough mountainous.

Soil, mostly slickrock with some shallow sand.

Timber, few scattered juniper and pinon in sheltered coves.

Undergrowth, sparse shadscale and Brigham tea.

North, bet. secs. 1 and 6.

Over rough, broken mountainous land, through scattered timber; desc. over NE. slickrock slope, 150 ft.

Chains	Station
5.60	Enter canyon bottom, bears NW. and SE.; desc. 30 ft.
11.60	Wash, 30 lks. wide, in bottom of branch canyon, drains N. 30° W.
16.00	Recross wash, drains N. 20° E.; thence gradually desc. along broken E. slope on W. side of canyon.
38.00	The E. base of high vertical rim ledge facing E. and Bearing N. 10° W. and S. 10° W.
40.00	Point for the $\frac{1}{2}$ sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and supported in a mound of stone to top, with brass cap marked $\frac{1}{2}$ S1 S6 1956 Cor. is located on a gradual E. slope, 1 $\frac{1}{2}$ chs. dist. E. of base of high vertical rim and 3 chs. W. of McCarty Canyon. The junction of branch canyon from S. 10° W. with McCarty, bears S. 55° E., about 7 chs. dist. Desc. NE. slope, 50 ft.
44.60	Enter canyon bottom, bears NW. and SE.; thence over sandy bottom land.
57.50	Wash, 50 lks. wide, in McCarty Canyon, 60 ft. below cor., drains NW.
59.60	Base of nearly vertical canyon wall; precipitous ascent of 150 ft. over SW. slope.
63.00	Top of ascent on abrupt W. face; desc. 125 ft. along W. slope.
67.00	Side gulch, near head, drains W.; asc. abrupt SW. slope over ledges.
79.80	Top of ledges and canyon rim, 400 ft. above canyon, bears N. 30° W. and S. 30° E.
80.00	Point for the 1/16 sec. cor. of secs. 1 and 6. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in ground to limestone bedrock, and supported in a large mound of stone to top, with brass cap marked 1/16 S1 S6 80 1956 Thence across flat point of mesa top extending NW. about 10 chs. dist.
85.75	Edge of mesa and S. rim of canyon, bears NW. and SE.; desc. 350 ft., over abrupt N. slope, over sloping and broken ledges.
97.00	Branch canyon, drains W. about 15 chs. dist. to junction with McCarty Canyon; asc. abruptly 300 ft. over ledges.
103.60	Top of ascent on island mesa, extends W. about 8 chs. dist. to rim and E. about 7 chs. to point; desc. abrupt N. slope, 130 ft. over slickrock.

East Boundary, T. 21 S., R. 9 E.

Chains
108.40
109.01

Gulch, drains N. 80° W.; asc. 15 ft.
Intersect the Fourth Standard Parallel South, on S. bdy. of sec. 36.
Point for the closing cor. of Ts. 21 S., Rs. 9 and 10 E.
Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in a drill hole in solid rock, and supported in a mound of stone to top, with brass cap marked

T20S R9E
S 36
S1 S6
R9E R10E
T21S
CC
1956

from which
A juniper, 8 ins. diam., bears S. 55½° W., 86 lks. dist., marked CC S1 BT.
A pinon, 7 ins. diam., bears N. 84° W., 42 lks. dist., marked X BT.

From this closing cor. the true point for the standard cor. of Ts. 20 S., Rs. 9 and 10 E., bears East, 8.06 chs. dist. and witness cor. to same, W., 1.40 chs. dist. from true cor. point, monumented by an iron post, 3 ins. diam., properly mkd., set in large mound of stone and conforming to the official record.

Land, steep, rough mountainous; drainage into McCarty Canyon. Soil, mostly sandstone in form of slickrock and ledges with shallow sand.
Timber, scattered scrub juniper and pinon on portions of mile. Undergrowth, scattered shadscale and browse.

Survey of Portion of Subdivision, T. 21 S., R. 9 E.

12.00
23.00
30.00
33.00
40.00

Beginning at the cor. of secs. 1, 2, 35, and 36 on S. bdy. of the township.
N. 0° 01' W., bet. secs. 35 and 36.
Over rolling bottom land, through short undergrowth.
S. fork of Coal Wash, 2 chs. wide, drains NW.
Leave canyon bottom, bears NW. and SE.; asc. abrupt SW. slope over ledges.
Top of narrow crested island butte, 100 ft. high, extends N. 40° W. about 18 chs. dist. to end, and S. 40° E., 6 chs. dist. to point; desc. abrupt N. face over ledges.
N. base of butte; thence gradually desc. sandy land.
Point for the ¼ sec. cor. of secs. 35 and 36.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked

Class

00.00
10.00
20.00

335 | 336

Raise a small mound of stone around post.

42.50 Wash, 1 ch. wide, in bottom of wide draw from E., drains N. 60° W., gradually acc. 30 ft. along SW-slope, in-draw bottom.

57.00 The S. base of nearly vertical sandstone rim, 130 ft. high, bears NE. and SW.; abrupt ascent.

58.30 Top of ledge, bears SW. and NE. for 3 chs. to head of cove, thence SE.; thence across bench with scattered timber.

64.30 Leave bench and timber; begin abrupt ascent S. slope over solid sandstone.

79.30 Point for the witness cor. of secs. 25, 26, 35, and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked

W.C.
T21S R9E
326 | 325
335 | 336
1936

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

The witness cor. is located on SE. slope, 500 ft. above & sec. cor.

80.00 True point for sec. cor., cut a cross (X) in solid sandstone. Point falls on steep SE. slope where it is impracticable to set post. The S. end of high sandstone peak bears N. 1 ch. dist.

Land, rolling on S. end; rough mountainous on N. portion, soil, rocky and sandy. Timber, scattered juniper and pine on portion of mile. Undergrowth, sagebrush in bottom land.

From the cor. of secs. 25, 30, 31, and 36, on E. side of the town-ship.

West, bet. secs. 25 and 36.

Over rough broken mountainous land, through few scattered trees; abrupt ascent S. slope.

1.00 Base of nearly vertical rim ledge facing E., bears S. and S. 80° W.

2.00 Top of ledge, 150 ft. above cor.; continue ascent over bench.

3.00 Top of bench spur, 300 ft. above cor., slopes N.; desc.

6.00 end of gulch, 150 ft. deep, drains N.; acc.

13.00 Top of bench spur, slopes N.; desc. over ledge.

21.00 Gulch, 300 ft. deep, drains N.; acc. over ledge.

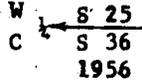
Portion of Subdivision, T. 21 S., R. 9 E.

Chains

29.50 Top of ascent on S. slope of sandstone dome; summit bears NW. 2 chs. dist.; desc. steep SW. slope 140 ft.

35.52 Point for the witness $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 7 ins. in a drill hole in solid sandstone, and supported in a mound of stone, with brass cap marked



Thence by triangulation across deep canyon with high vertical walls approximate topography as follows.

37.00 Top of E. wall of canyon, 200 ft. high, bears NW. and SE.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible face of canyon rim.

41.00 Bottom of Cow Canyon, 300 ft. below the witness $\frac{1}{4}$ sec. cor., drains NW.; thence across bottom.

45.00 Branch canyon entering from S. 10° W., drains N. to junction; asc. abruptly over ledges, 400 ft.

55.50 Top of ascent on broken bench, bears N. and S.; end of triangulation; desc. rocky NW. slope, 50 ft.

59.00 Head of small draw, drains NW.; asc. 100 ft. over broken N. and NE. slopes.

80.00 The true point for the cor. of secs. 25, 26, 35, and 36.

Land, rough and broken mountainous; general N. drainage into N. Fork of Coal Wash.

Soil, mostly solid sandstone with pockets of shallow sand.

Timber, few scattered juniper and pinon.

Undergrowth, very sparse shadescale.

From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of township.

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling beach land, through few scattered trees and short undergrowth; gentle ascent over SW. slope.

1.20 Small shallow wash, drains SW.

6.00 Top of rise, slopes SW. from E.; thence over gentle NW. slope, desc

10.50 Head of ravine, 10 ft. deep, drains NW.

30.00 Ravine, near head, 20 ft. deep, drains NW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to limestone bedrock, and supported in a large mound of stone to top, with brass cap marked

Chains	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked</p> <p style="text-align: center;">S33 S34</p> <p style="text-align: center;">1956</p>	feet
68.80	<p>Cor. is located on slight W. slope on bench, 80 ft. below rise.</p> <p>Head of rocky ravine, drains NW.</p>	82.88
78.80	<p>Head of small ravine, 15 ft. deep, drains NW.</p>	
80.00	<p>Point for the cor. of secs. 27, 28, 33, and 34.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked</p> <p style="text-align: center;">T21S R9E</p> <p style="text-align: center;">S28 S27</p> <p style="text-align: center;">S33 S34</p> <p style="text-align: center;">1956</p> <p>from which</p> <p>A juniper, 8 ins. diam., bears S. 60° E., 65 lks. dist., marked S34 BT.</p> <p>A juniper, 7 ins. diam., bears S. 81 1/2° W., 115 lks. dist., marked S33 BT.</p> <p>A juniper, 8 ins. diam., bears N. 60° W., 155 lks. dist., marked S28 BT.</p> <p>Cor. is located on gentle NW. slope on bench, 50 ft. below 1/4 sec. cor.</p> <p>Land, rolling bench; general NW. slope and drainage. Soil, shallow sandy clay and rocky; lying on limestone or sandstone bedrock. Timber, scattered patches of scrub juniper and pinon. Undergrowth, medium dense shadscale and black brush.</p>	
2.20	<p>N. 0° 02' W., bet. secs. 27 and 28.</p> <p>Over rolling bench land, through short undergrowth and very scattered timber; gently descending NW. slope, 100 ft. to 1/4 sec. cor.</p> <p>Head of ravine, 20 ft. deep, drains W. 1 ch. thence NW.</p>	
12.40	<p>Ravine, near head, 15 ft. deep, drains NW.</p>	
34.30	<p>S. rim of Wood Hollow, bears NW. and SE.</p>	
37.00	<p>Wood Hollow, 50 ft. deep, drains NW.</p>	
39.70	<p>N. rim of same, bears NW. and SE.</p>	
40.00	<p>Point for the 1/4 sec. cor. of secs. 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked</p>	

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

S28 | S27
1956

- 47.80 Narrow rocky ravine, 20 ft. deep, drains W.
- 57.50 Ravine, 30 ft. deep, drains W.
- 63.20 Spur, projects N. 80° W.
- 72.80 Draw, 60 ft. deep, drains N. 80° W.
- 80.00 Point for the cor. of secs. 21, 22, 27, and 28.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked.

T21S R9E
S21 | S22
S28 | S27
1956

Deposit broken glass at base of post. No rock available.

Cor. is located on gentle NW. slope, 50 ft. below ¼ sec. cor.

Land, rolling; general NW. slope and drainage.
Soil, sandy clay; limestone capping with shale and some gypsum.
Undergrowth, short shadscale, black brush and Brigham tea.
Timber, few scattered juniper and pinon on S. portion of mile.

N. 0° 02' W., bet. secs. 21 and 22.

Over gently rolling land, through short undergrowth; slight W. slope.

- 7.00 Shallow wash, drains W.; thence over slight SE. slope.
- 12.80 Dim jeep trail, bears NW. and SE.
- 30.00 Low flat rise, bears N. 10° E. and S. 20° W.; thence over N. to NW. slopes.
- 40.00 Point for the ¼ sec. cor. of secs. 21 and 22.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked

S21 | S22
1956

Deposit broken glass at base of post. No other accessories available.

- 41.90 Head of small wash, drains NW.
- 45.70 Small ravine, near head, drains NW.
- 55.30 Small ravine, near head, drains NW.
- 75.00 Ravine, 25 ft. deep, drains NW.

Chains									
78.30	Ravine, 25 ft. deep, drains NW.								
80.00	Point for the cor. of secs. 15, 16, 21, and 22.								
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T21S</td><td>R9E</td></tr> <tr><td>S16</td><td>S15</td></tr> <tr><td>S21</td><td>S22</td></tr> <tr><td colspan="2" style="text-align: center;">1956</td></tr> </table>	T21S	R9E	S16	S15	S21	S22	1956	
T21S	R9E								
S16	S15								
S21	S22								
1956									
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of post.								
	Cor. is located on gentle W. slope, 70 ft. below ¼ sec. cor.								
	Land, rolling bench; general NW. exposure and drainage. Soil, sandy clay; gypsum formation on N. portion of mile. No timber. Undergrowth, short shadscale, yellow top and Brigham tea.								
	N. 0° 02' W., bet. secs. 15 and 16.								
	Over rolling and broken gypsum land, through short undergrowth; gently descending over general westerly slope.								
1.60	Narrow gypsum wash, 12 ft. deep, drains W.								
17.20	Wash, 15 ft. deep, drains NW.								
39.00	Top of left bank of wash, bears NW. and SE.								
40.00	True point for ¼ sec. cor. falls on an abrupt E. face of clay bank on W. side of wash, unsafe place for monumentation.								
40.70	Point for the witness ¼ sec. cor. of secs. 15 and 16.								
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>¼</td></tr> <tr><td>S16 ↓ S15</td></tr> <tr><td>W.C.</td></tr> <tr><td>1956</td></tr> </table>	¼	S16 ↓ S15	W.C.	1956				
¼									
S16 ↓ S15									
W.C.									
1956									
	Raise small mound of gypsum rock around post.								
	Cor. is located on level ground 50 lks. W. of wash, and 100 ft. below sec. cor.								
43.00	Wash, 20 lks. wide in bottom of large draw, 30 ft. deep, drains NW.								
54.20	Small wash, drains NW.								
60.80	Draw, drains W.								
70.00	Enter draw from SE., 30 ft. deep, drains N.								
75.00	Leave draw, drains NW.; asc. 40 ft.								
76.80	Top of ascent from draw, bears NW. and SE.								
80.00	Point for the cor. of secs. 9, 10, 15, and 16.								

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked

T21S R9E
S9 | S10
S16 | S15
1956

Place small collar of rock around post.

Cor. is located on gentle W. slope, nearly level with ¼ sec. cor.

Land, rolling to broken bench cut by several small washes and draws; drainage NW.

Soil, sandy clay; gypsum and shale formation.

No timber.

Undergrowth, sparse shadscale.

N. 0° 02' W., bet. secs. 9 and 10.

Over rough, broken gypsum land sloping W., through short undergrowth; across numerous rimmed draws and sharp spurs.

1.40 Ravine, 25 ft. deep, near head, drains W.

4.50 Ravine, 30 ft. deep, drains NW.

7.30 Ravine, 30 ft. deep, drains W.

20.80 Draw, 50 ft. deep, drains N. 80° W. from SE.

29.90 Draw, 40 ft. deep, drains W.

40.00 Point for the ¼ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

¼
S9 | S10
1956

No accessories available. Cor. is located on a gradual SW. slope in hard gypsum rock.

49.40 Ravine, 12 ft. deep, drains W.

78.50 Small hill, 15 ft. high, on line.

80.00 Point for the cor. of secs. 3, 4, 9, and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked

T21S R9E
S4 | S3
S9 | S10
1956

No accessories available.

Portion of Subdivision T. 21 S., R. 9 E.

Chains	meters
	Cor. is located on nearly level ground, 35 ft. below $\frac{1}{4}$ sec. cor. Land, broken bench cut by numerous small ravines or draws; general W. slope; drainage NW. Soil, mostly hard gypsum or shale rock with shallow sandy clay. No timber. Undergrowth, sparse shadscale and Brigham tea.
	N. 0° 02' W., bet. secs. 3 and 4. Over rolling and broken bench land sloping W., through sparse undergrowth; gypsum formation.
10.00	Enter shale formation.
17.00	Enter nearly level bench top, slight NW. slope.
35.00	Leave smooth bench, reenter broken land, bears NW. and SE.
37.00	Ravine, 20 ft. deep, drains NW. for 8 chs. thence nearly N.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked $\frac{1}{4}$ S4 S3 1956
	No accessories available.
	Cor. is located on gentle W. slope, 35 ft. below sec. cor.
58.00	Small draw, near head, drains N. 80° W.
80.00	Point for the 1/16 sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked $\frac{1}{16}$ S4 S3 80 1956
	No accessories available.
	Cor. is located on gentle NW. slope in hard gypsum formation, 40 ft. below $\frac{1}{4}$ sec. cor.
80.02	Stock trail, bears NW. and SE.
92.50	Draw, 20 ft. deep, drains N. 20° E.
98.80	Recross same, drains NW.
109.60	Intersect the Fourth Standard Parallel South, on S. bdy. sec. 33. Point for the closing cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

T20S R9E
S 33
 S4 | S3
 T21S R9E
 C C
 1956

Raise small collar of rock around post.

Cor. is located on a steep W. slope, 15 lks. W. of top of bluff on left bank of Coal Wash and 75 ft. below the 1/16 sec. cor.

From this closing cor. the standard cor. of secs. 33 and 34, on S. bdy. of T. 20 S., R. 9 E., bears East, 8.29 chs. dist., marked by an iron post, 3 ins. diam., conforming to the 1918 survey record.

Land, rolling and broken bench with general W. slope; drainage NW. to N. into Coal Wash.

Soil, gypsum and shale with clay.

No timber.

Undergrowth, sparse shadscale, yellow top and Brigham tea.

At point for the cor. of secs. 1 and 2, on N. bdy. of the township, at proportionate dist. between the closing cor. of T. 21 S., Rs. 9 and 10 E., and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to limestone bedrock, and supported in a large mound of stone to top, with brass cap marked

T20S R9E
S 35
 S2 | S1
 T21S R9E
 1956

From this cor. the standard cor. of secs. 35 and 36, on S. bdy. of T. 20 S., R. 9 E., bears East, 8.14 chs. dist., marked by an iron post, 2 ins. diam., conforming to the 1918 survey record.

Thence

S. 0° 01' E., bet. secs. 1 and 2.

Over rolling and broken land, through scattered timber and short undergrowth, along bench top with slight NW. slope.

- 9.00 Top of 30 ft. rim on E. side of wash, bears NW. and SW.; continue along bench.
- 15.20 Top of same 30 ft. rim on N. side of wash, bears E. and W.
- 16.00 Wash, 30 lks. wide, in bottom of Mesquite Canyon, drains W.; asc. NE. slope, 50 ft.
- 21.70 Top of ascent on E. slope; desc. 40 ft. over SE. slope.
- 25.00 W. edge of wash in same canyon at sharp bend, drains E. from SE.; asc. 15 ft.
- 29.21 Point for the 1/16 sec. cor. of secs. 1 and 2.

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone to top, with brass cap marked

1/16
S2 | S1
80
1956

Asc. 60 ft. over NE. slope.

37.20 Top of ascent on E. slope; desc. 35 ft. over SE. slope.

43.00 Wash in Mesquite Canyon, drains NE.; thence along bottom land.

50.00 Recross wash, drains NW.; asc. 140 ft. over steep N. slope.

56.60 Top of rim and edge of bench, bears NW. and SE.; thence over bench.

60.10 Leave top of bench, bears N. 30° E. and S. 30° W.; thence along steep E. slope, desc. 50 ft.

64.00 Base of descent on E. slope; asc.

69.21 Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and supported in a mound of stone to top, with brass cap marked

¼
S2 | S1
1956

71.30 Rim of bench, 30 ft. above cor., bears N. 20° W. and SE.; thence over bench with gentle NW. slope; asc. 75 ft. to cor.

107.00 Top of rise, bears N. 70° W. and SE.

108.70 Head of small draw, 15 ft. deep, drains S. 85° W.

109.21 Point for the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked

T21S R9E
S2 | S1
S11 | S12
1956

Cor. is located on a steep shale NW. slope.

Land, rolling and broken; general N: to NW. slope and drainage. Soil, shallow sandy clay, lying on limestone or shale bedrock. Timber, very scattered scrub juniper and pinon. Undergrowth, shadscale, yellow top and Brigham tea:

West, bet. secs. 2 and 11.

Over rolling and broken land, through scattered trees and short undergrowth; desc. NW. slope.

Portion of Subdivision, T. 21 S., R. 9 E.

Chains	
2.50	Enter small branch draw from N. 80° E., drains W.
8.00	Leave draw, 60 ft. below cor., drains NW.; asc. 50 ft.
16.30	N. point of spur from SE.; desc. W. slope, 60 ft.
17.80	Large draw, drains NW.; thence along a gradual N. slope.
25.70	Small draw, drains NE.; asc. E. slope, 30 ft.
32.00	Top of E. edge of bench, bears N. and S.; thence over bench with slight N. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to limestone bedrock, and supported in a mound of stone to top, with brass cap marked
	$\frac{S\ 2}{S\ 11}$ 1956
	Cor. is located on bench, 75 ft. below sec. cor.
62.00	Leave nearly level top of bench, enter broken land, bears N. and S.
64.70	Draw, 40 ft. deep, drains SW.
67.00	Top of ascent from draw; thence desc. 50 ft. along general W. slope.
78.00	Begin descent over NW. slope.
80.00	Point for the cor. of secs. 2, 3, 10, and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked
	T21S R9E $\frac{S3\ S2}{S10\ S11}$ 1956
	Land, rolling and broken; general northerly slope and drainage, except on W. end of mile which drains W. into Coal Wash. Soil, shallow sandy clay; on limestone or shale subsoil. Timber, very scattered juniper and pinon. Undergrowth, shadscale and yellow top.
	N. 0° 01' W., bet. secs. 2 and 3.
	Over broken land sloping W., through short undergrowth; desc, 10 ft.
0.50	Small gully, drains W.
2.50	Spur, slopes W.
7.20	Gulch, 100 ft. deep, with nearly vertical rims, drains W.
12.40	Gulch, 50 ft. deep, drains NW. for 2 chs. thence W.
17.00	Narrow rimmed gulch, 80 ft. deep, drains SW.

Portion of Subdivision, T. 21 S., R. 9 E.

Chains	Description	Notes
21.00	S. edge of high, light colored gypsum land; bears E. and W. continue over very broken land with W. slope.	
28.40	Gulch, near head, drains S. 80° W.; 50 ft. deep.	
35.00	Spur, slopes W.	
40.00	Point for the 1/2 sec. cor. of secs. 2 and 3.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap marked	
		1956
	Raise small mound of stone around cor. located on steep N. slope.	
40.70	Gully, 30 ft. deep, drains N. 20° W.	
46.40	Gulch, 60 ft. deep, drains W.	
49.50	Spur, slopes W.	
52.60	Gulch, 30 ft. deep, drains W.	
59.20	Gulch, 60 ft. deep, drains W, from SE.	
67.80	Gulch, near head, 30 ft. deep, drains W.	
72.50	Ridge, bears N. 30° W. and S. 20° E.; leave broken W. slope, thence desc. gradually over general E. slope.	
77.60	Head of small wash, 10 ft. deep, drains NE.	
80.00	Point for the 1/16 sec. cor. of secs. 2 and 3.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap marked	
		1/16
		S3 S2
		80
		1956
	Raise a small mound of stone around post.	
80.20	Head of small gypsum wash, 8 ft. deep, drains NE.	
83.50	Low rolling spur, slopes N. 20° E.; thence over smooth NW. to N. slopes.	
93.00	Head of shallow swale, drains N. 10° E.	
109.41	Intersect the Fourth Standard Parallel south, on S. 34. sec. 34.	
	Point for the cor. of secs. 2 and 3.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap marked	
		T20S R9E
		S 34
		T21S R9E
		1956

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

No accessories available.
From this cor. the standard cor. of secs. 34 and 35, on S. bdy. of T. 20 S., R. 9 E., bears East, 8.22 chs., dist., marked by an iron post, 2 ins. diam., conforming to the 1918 survey record.

Land, broken to rolling; S. portion drains W. into Coal Wash; N. portion drains N.
Soil, shallow sandy clay; gypsum and shale formation.
Undergrowth, short shadscale, yellow top and Brigham tea.
No timber

From the cor. of secs. 15, 16, 21, and 22.

West, bet. secs. 16 and 21.

Over rolling land with general N. slope; through short undergrowth.

- 3.10 Ravine, 25 ft. deep, drains NW.
- 13.90 Draw, 25 ft. deep, drains N.
- 20.50 Low rise, bears N. and S.
- 26.50 Swale, drains N.
- 27.50 Jeep trail, bears NW. and SE.
- 33.50 Low rise, bears N. and S.
- 39.40 Wash, 8 ft. deep, drains N.
- 40.00 Point for the 1/4 sec. cor. of secs. 16 and 21.
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground and in a small mound of stone, with brass cap marked

1/4	S. 16
	S. 21
	1956.

Cor. is located on a gradual NW. slope on small rise.

- 40.80 Small draw, 10 ft. deep, drains NW.
- 54.90 Draw, 15 ft. deep, drains NW.
- 59.70 Draw, 15 ft. deep, drains NW.
- 77.80 Draw, 10 ft. deep, drains N. 10° W.
- 80.00 Point for the cor. of secs. 16, 17, 20, and 21.
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap marked

T21S R9E	
S17	S16
S20	S21
1956	

No accessories available.

Portion of Subdivision T. 21 S., R. 9 E.

Chains	Description
	Land, rolling to broken cut by small draws; drainage N. Soil, sandy clay; gypsum formation. No timber. Undergrowth, shadscale and scattered Brigham tea.
	N. 0° 03' W., bet. secs. 16 and 17.
	Over gently rolling land, through short undergrowth; gentle descent over N. to NW. slopes.
6.40	Thence along W. side of draw draining N.
14.00	Enter bottom of side draw from S. 10° E., drains N.
19.30	Point from which red hill, 15 ft. high, bears E. of line 2 chs. dist.
20.00	Enter bottom of main draw, bears NW. and SE.
26.40	Wash, 30 lks. wide, in draw, drains NW.
39.00	Leave draw bottom, bears NW. and SE.; slight ascent along W. slope.
40.00	Point for the 1/2 sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap marked
	S17 S16 1956
	No accessories available.
	Cor. is located on a gradual W. slope, 60 ft. below sec. cor.
75.10	Jeep trail, bears NW. and SE.
80.00	Point for the cor. of secs. 8, 9, 16, and 17.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap marked
	T21S R9E S8 S9 S17 S16 1956
	No accessories available.
	Land, gently rolling; general N. to NW. slope and drainage. Soil, sandy clay; gypsum formation. No timber. Undergrowth, short shadscale.
	From the cor. of secs. 9, 10, 15, and 16.
	S. 89° 59' W., bet. secs. 9 and 16.
	Over rolling land with general northerly slope, through short undergrowth.

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

- 7.30 Draw, 35 ft. deep, drains N.
- 18.00 Low rise, bears N. and S.
- 40.01 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.
Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in small mound of shale rock, with brass cap marked

$\frac{1}{4}$ $\frac{S\ 9}{S\ 16}$
 1956

- 49.80 Wide swale, drains NW.
- 57.70 Draw, drains N.
- 61.20 Low spur, slopes N.
- 66.00 Swale, drains N.

80.02 The cor. of secs. 8, 9, 16, and 17.
 Land, rolling; general N. slope and drainage.
 Soil, sandy clay; gypsum and shale formation.
 No timber.
 Undergrowth, shadscale and yellow top.

From the cor. of secs. 4, 5, 32, and 33, on S. bdy. of township.
 N. $0^{\circ} 03'$ W., bet. secs. 32 and 33.

Over rolling land with a gradual NW. slope, through short undergrowth.

- 4.20 Ravine, 30 ft. deep, drains W.
- 13.80 Ravine, 25 ft. deep, drains N. 60° W.
- 34.80 Ravine, 25 ft. deep, drains N. 60° W.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with glass deposit at base, with brass cap marked

$\frac{1}{4}$
 S32 | S33
 1956

Set a wood post, 2x4"x4' long, 2 ft. in the ground, on S. side of post.

Cor. is located on slight W. slope, 25 ft. below sec. cor.

- 59.30 Ravine, 15 ft. deep, drains NW.
- 65.90 Ravine, 20 ft. deep, drains NW.

- 74.00 Enter broken gypsum hill, bears NW. and SE.
- 80.00 Point for the cor. of secs. 28, 29, 32, and 33.

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, glass deposit at base of post, with brass cap marked

T21S R9E
 S29 | S28
 S32 | S33
 1956

Raise small mound of stone around post.

Cor. is located on a NW. slope in small saddle, 35 ft. below 1/4 sec. cor.

Land, rolling to broken; general NW. exposure and drainage.
 Soil, sandy clay; gypsum formation.
 No timber.
 Undergrowth, shadscale, yellow top and Brigham tea.

From the cor. of secs. 5, 6, 31, and 32, on S. bdy. of township.

N. 0° 03' W., bet. secs. 31 and 32.

Over very rough and broken gypsum badlands facing W.; through sparse undergrowth.

- 0.50 Spur, projects NW.
- 8.50 Gulch, 50 ft. deep, drains NW.
- 15.00 Gulch, 40 ft. deep, drains NW.
- 21.80 Spur, projects N. 70° W.
- 26.40 Large gulch, 60 ft. deep, drains W.
- 28.50 Gulch, 50 ft. deep, drains SW.
- 29.40 Spur, slopes SW.
- 30.90 Gulch, 50 ft. deep, drains SW.
- 40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground to rock, and supported in a mound of stone to top, with brass cap marked

1/4
 S31 | S32
 1956

Cor. is located on top of red gypsum knob on spur, projecting NW.; another knob bears E. about 2 1/2 chs. dist.

- 62.30 Large gulch, 60 ft. deep, and 160 ft. below 1/4 sec. cor., drains NW.
- 66.00 Spur, slopes NW.
- 73.50 Spur, slopes NW.

Partion of Subdivision, T. 21 S., R. 9 E.

Chains

80.00

Point for the cor. of secs. 29, 30, 31, and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and supported in a mound of stone, with brass cap marked

T21S	R9E
S30	S29
S31	S32
1956	

Cor. is located on sharp spur projecting N. 80° W. and 125 ft. below ¼ sec. cor.

Land, very rough and broken gypsum badlands or hills, cut by numerous deep, narrow gulches draining westerly into Eagle Canyon. Soil, clay and gypsum, with some shale. No timber. Undergrowth, sparse shadscale.

From the cor. of secs. 28, 29, 32, and 33.

S. 89° 58' W., bet. secs. 29 and 32.

Over broken gypsum hills; general northerly slope.

19.00

A main draw, 40 ft. deep, drains N.; gradually asc.

30.90

Top of red hill on line; desc. W. slope, 60 ft.

39.70

Draw, 15 ft. deep, drains N. 20° W.

39.99

True point for ¼ sec. cor. falls on an abrupt E. face of gypsum bank on unsafe place for monumentation.

40.10

Point selected for witness ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in collar of rock, with brass cap marked

¼	S 29	W
	S 32	C
1956		

The witness cor. is located on top of low rise between draws.

40.60

Draw, 20 ft. deep, drains N.

45.80

Draw, 20 ft. deep, drains N.

53.80

Low ridge, bears N. and S.; thence over westerly slope.

57.00

Enter head of gulch draining W.

66.50

Leave gulch, 60 ft. deep, drains S. 80° W.; asc. abrupt SE. slope.

71.00

Top of ascent on S. slope; desc. 110 ft. over S. and SW. slopes.

78.50

Gulch, drains NW.; asc. 40 ft. to cor.

79.98

The cor. of secs. 29, 30, 31, and 32.

Land, rough and broken gypsum hills; general N. slope and drainage on E. portion; W. slope and drainage into Eagle Canyon on W. part.

Portion of Subdivision, T. 21 S., R. 9 E.

Chains

Soil, sandy clay; gypsum and shale formation.
No timber
Undergrowth, sparse shadscale.

00.00

General Description

The land embraced within T. 21 S., R. 9 E., varies from rolling and broken benches and gypsum hills in the western portion to rugged and broken mesas and sandstone domes, cut by deep rimmed canyons in the eastern part. The area lies on the San Rafael Swell in Emery County, approximately 15 miles in an easterly direction from Ferron, Utah. The elevation ranges from approximately 5600 ft. along North Salt Wash, in the northwest part to 6500 ft. near the southeast corner of the township. The eastern portion is in general covered with a medium growth of scrub juniper and pinon. Undergrowth of short desert browse of shadscale, Brigham tea, black brush, and yellow top is found throughout the area, with some sage brush along canyon bottoms. The general drainage and exposure is northwest and north to North Salt Wash, which drains NE. through the northwest part of the township. Eagle Canyon and Wood Hollow extend through the southwest portion, Coal Wash and its two branches the North and South Forks extend through the SE. and central part, and Mesquite and McCarty Canyons extend through the NE. part of the township.

The soil is principally a light sandy clay. Considerable gypsum and shale formations occur in the western part, while the eastern part is mostly sandstone formation in form of slickrock, ledges and domes; limestone capping occur on the higher benches.

The only water noted in the township were small intermittent alkali seeps in bottom of North Salt Wash and Coal Wash.

A jeep trail takes out from North Salt Wash at junction with Wood Hollow and bears southeasterly following bench between Wood Hollow and Coal Wash, ends in about sec. 27. There are no other improvements in the township.

Section and quarter-section corners on the west boundary of the township are set for Rs. 8 and 9 E. but function only as corners for R. 8 E.

00.00
00.00
00.00
00.00
00.00
00.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
DeWitt A. Crain	Chairman
Lacel E. Bland	Chairman
Harold C. Stephenson	Chairman
Charles C. Rowe	Cornerman
Geo. William Chappell	Flagman
Newton Carleton	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Andrew Nelson, Cadastral Surveyor, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 19th day of July, 1956

I have surveyed THE SOUTH AND EAST BOUNDARIES AND PORTIONS OF THE SUBDIVISIONS OF TOWNSHIP 21 SOUTH, RANGE 9 EAST

of the SALT LAKE Meridian, in the State of UTAH, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Mar. 21, 1956

Salt Lake City, Utah

Andrew Nelson

Cadastral Surveyor.

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 16 1957, 19

The foregoing field notes of the survey of survey of the South and East Boundaries and portions of the Subdivisions of T. 21 S., R. 9 E.

executed by Andrew Nelson, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

Carl G. Harrington, Chief, Division of Cadastral Engineering, Cadastral Engineering Staff Office

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in Utah, is a true copy of the original field notes.~~

~~Chief, Division of Cadastral Engineering~~



UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

FIELD NOTES

DEPENDENT RESURVEY OF PORTIONS OF THE SOUTH BOUNDARY AND SUBDIVISION

AND SURVEY OF A PORTION OF THE SUBDIVISION OF,

T. 21 S., R. 14 E.

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Andrew Nelson, Assistant Cadastral Engineer

Robert C. Yundt, Assistant Cadastral Engineer

Under special instructions dated May 23, 1932, which provided
for the surveys included under Group No. 235, bearing the approval of the
Commissioner of the General Land Office under date of July 22, 1932

and ^{supplemental} assignment instructions dated May 15, 1942

Survey commenced May 20, 1942

Survey completed June 3, 1942

INDEX DIAGRAM.

Township 21 South, Range 14 East

6	20	5	10	4	3	2	1
	20	10					
7	19	8	9	9	10	11	12
	18	8					
13	17	17	7	16	15	14	13
	17	6					
19	16	20	6	21	22	23	24
	16	5					
20	14	20	4	26	27	28	25
	13						
21	12	20	3	28	24	25	26
	1						

6-151

1164

T. 21 S., R. 14 E.

The extension survey of T. 21 S., R. 14 E., Salt Lake Meridian, Utah, was commenced May 20, 1942, and executed with Buff and Buff transits Nos. 16726 and 9983, used by Andrew Nelson and Robert C. Yundt, Assistant Cadastral Engineers respectively. The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs of each instrument are provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circles. The instruments were approved for use on this survey, conditional upon satisfactory field tests, in supplemental assignment instructions issued by the district cadastral engineer for Utah, dated May 15, 1942. At the commencement of the survey, the instruments were tested and found free from any appreciable error. Throughout the progress of the survey, the instruments were frequently tested and kept in good adjustment.

The country over which the lines of the survey were projected, was open, and the solar attachments were not used. All azimuths in this record are referred to true meridians established by observations made upon Polaris during the progress of the work. The bearings of the lines were determined by deflection angles from these true meridians, and the lines were carried forward by fore and back sights.

The measurements were made with Lallie steel tapes 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested, comparison being made with a Lufkin standard steel tape, 1 chain in length and found correct. The measurements were made on the slope, the vertical angle determined with clinometers in good adjustment, and the slope measurements properly reduced to true horizontal distances, which appear in this record.

The latitude and longitude of the stations used on this survey where observations were made for true meridians, were computed from the Coast and Geodetic Survey triangulation station Saleratus, which is located at a point, N. $61^{\circ}43'$ E., 10.13 chs. dist. from the standard cor. of secs. 35 and 36, on the south boundary of T. 20 S., R. 14 E. This station is given as being latitude $39^{\circ}01'58.267''$ N., and longitude $110^{\circ}18'18.240''$ W.

The west range of sections of T. 21 S., R. 14 E., consists of broken nearly inaccessible sandstone breaks and ledges, which form the east breaks of the San Rafael Reef. As no improvements or settlers are located in this portion of the township, and as nearly all parts of it are inaccessible for stock grazing purposes, this portion of the township was not surveyed.

DEPENDENT RESURVEY PORTION S. BDY., T. 21 S., R. 14 E.

Reestablishment of surveys executed by
Stewart M. Pancake, U.S. Deputy
Surveyors, in 1884.

May 23, 1942: Stationed at cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the township, in approximate latitude $38^{\circ}56'18''$ N., longitude $110^{\circ}23'$ W., with instrument No. 16726, at 3h 41.3m p.m. correct 105th meridian standard time, I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 8.70 chs. west of my station, in a clockwise direction to the star.

DEPENDENT RESURVEY PORTION S. 1/4 SEC. 5, T. 21 S., R. 14 E.

Chains

Local mean time of observation..... 3h 19.8m p.m.
 Horizontal, flag pole to star..... 88° 11'
 Azimuth of Polaris..... 1° 18' W.
 True bearing to flag pole..... N. 89° 29' W.

The cor. of secs. 4, 5, 32, and 33, is a sandstone, 18 x 12 x 10 ins., loosely set in mound of stone, marked 4 notches on E. edge and 2 notches on W. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, with the original cor. monument deposited at the base of the post, for cor. of secs. 4, 5, 32, and 33, with brass cap marked

T21S	R14E
S32	S33
S5	S4
T22S	

1942

Thence, from the above cor.

N. 89° 29' W., bet. secs. 5 and 32.

Ascend gradually along broken S. slope of ledges, through scattered short undergrowth.

- 8.70 Top of ascent, 40 ft. above cor., bears N. 20° E. and S. 20° W.; descend abrupt W. slope.
- 15.00 Base of abrupt descent, 270 ft. below top of ascent, bears N. and S.; thence over bottom lands of the San Rafael River
- 19.10 Left bank of the San Rafael River, bears N. 10° E. and S. 20° E.; thence across river which flows S. 20° E., and is about 4 ft. deep.
- 21.10 Right bank of river, bears N. 10° E. and S. 20° E.; continue across bottom lands of river, through scattered cottonwood timber and dense undergrowth of rabbit brush and greasewood.
- 30.50 Trail, bears NW. and SE.
- 32.50 Leave bottom lands of river, bears NW. and SE.; ascend rolling NE. slope.
- 40.53 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, a limestone, 14 x 10 x 5 ins., firmly set, marked $\frac{1}{4}$ on N. face. I erect a mound of stone around the corner monument.
- Thence, N. 89° 27' W., with continuous measurement.
- 46.60 Old road, bears NE. and SW.
- 68.30 Bend in bottom of draw drains NE. from the NW., bears North, about 1.50 chs. dist.
- 78.50 Recross road, bears NW. and SE.
- 80.50 The cor. of secs. 5, 6, 31, and 32, an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record.

DEPENDENT RESURVEY PORTION S. BDY., T. 21 S., R. 14 E.

Chains

Land, rolling and broken.
Soil, deep sand and clay with a rocky surface; 4th rate.
Undergrowth, shadscale, weeds, and grass on the slopes,
with dense greasewood and rabbit brush along bottom lands
of the San Rafael River.
Timber, scattered cottonwood along the bottom lands of
the San Rafael River.
Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Reestablishment of surveys executed by
Stewart M. Pancake, U.S. Deputy
Surveyors, in 1884.

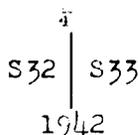
From the cor. of secs. 4, 5, 32, and 33, on the S. bdy.
of the township.

N. 0°05' E., bet. secs. 32 and 33.

Over broken sandstone outcroppings, through scattered
short undergrowth.

- 3.10 Rim of bench, bears E. and W.; descend abrupt N. slope.
- 10.60 Old road, bears NW. and SE.
- 17.60 Recross road, bears NE. and SW.
- 22.30 Recross road, bears SE. and SW.
- 34.00 Wash, 20 lks. wide, 2 ft. deep, drains W.
- 40.58 Proportionate distance; find no trace of the original $\frac{1}{4}$
sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground to solid rock and in a large mound of stone to top,
for $\frac{1}{4}$ sec. cor., with brass cap marked



deposit a
sandstone, 10 x 10 x 8 ins., at base of post, marked X.

- 45.10 Rim of bench, bears NE. and SW.; descend gradually.
- 49.10 Enter bottom lands of the San Rafael River, 80 ft. below
rim of bench, bears NE. and SW.; thence over bottom lands
of river, through medium dense cottonwood timber. Old
wagon road along edge of bottom lands.
- 81.16 True pt. for cor. of secs. 28, 29, 32, and 33, in level
bottom lands of the San Rafael River.

Set an iron post, 3 ft. long, 2 ins. diam.; 27 ins. in the
ground and mound of stone, for cor. of secs. 28, 29, 32,
and 33, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21S., R.14E.

Chains

T21S	R14E
S29	S28
S32	S33

1942

From this cor., the original witness cor. to the cor. of secs. 28, 29, 32, and 33, bears East, 75 lks. dist. (record course and distance). Cor. is a limestone, 12 x 10 x 5 ins. loosely set, marked WC on W. face, 1 notch on S. edge, and 4 notches on E. edge. I deposit the cor. monument alongside the iron post.

Land, broken sandstone outcroppings and bottom lands of the San Rafael River.
Soil, deep clay and sand along bottom lands of San Rafael River, 3rd rate; shallow clay and sand with a rocky surface on the slopes; 4th rate.
Timber, cottonwood along bottom lands of San Rafael River. Undergrowth, sage, balck, and rabbit brush, shadscale, weeds, and grass.
Fair grazing land.

N. 0°05' E., bet. secs. 28 and 29.

Over bottom lands of the San Rafael River, through dense undergrowth and scattered cottonwood timber.

- 6.80 Left bank of the San Rafael River, bears E. and W.; thence across river which at this point flows W. and is about 4 ft. deep.
- 9.30 Right bank of the San Rafael River, bears E. and W.; continue across bottom lands of river.
- 18.40 Leave bottom lands of river, bears NE. and SW.; thence over broken bench land.
- 33.80 Enter bottom lands of river, bears NW. and SE.
- 40.58 Proportionate distance; find no trace of the original witness cor. to the $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$

S29	S28
-----	-----

1942
- deposit a
- sandstone, 10 x 10 x 8 ins., at base of post, marked X.
- 56.50 The right bank of San Rafael River, bears E. and W. Thence across river which at this point flows W., and is about 4 ft. deep.
- 59.30 The left bank of the San Rafael River, bears E. and W.; continue across bottom lands of river.
- 74.10 Wire fence at the N. edge of bottom lands of river, bears N. 80° E. and S. 80° W.; ascend gradually.
- 81.16 The original cor. of secs. 20, 21, 28, and 29, a sandstone 22 x 20 x 5 ins., loosely set, marked 2 notches on S. edge

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21S., R.14E.

Chains

and 4 notches on E. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to solid rock and in a large mound of stone to top, with the original cor. monument deposited at the base of the post, for cor. of secs. 20, 21, 28, and 29, with brass cap marked

T21S	R14E
S20	S21
S29	S28

1942

No other suitable accessories available.

Land, rolling bottom lands of the San Rafael River.

Soil, deep loose sand and clay; 3rd rate.

Timber, scattered cottonwood.

Undergrowth, sage, black, and rabbit brush, greasewood, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

est, bet. secs. 20 and 29.

Ascend gradually over broken bench land, through scattered short undergrowth.

3.50 Low spur, 20 ft. above cor., slopes S.; descend gradually.

9.00 Wash, 50 lks. wide, 2 ft. deep, in bottom of wide draw, 60 ft. below spur, drains S. 30° E.; ascend gradually.

23.20 Spur, projects S. 80° E., about 2.00 chs. dist. to end; continue ascent along S. slope of spur.

36.00 Top of ascent on S. slope of spur, bears N. and S.; 270 ft. above draw; descend gradual SW. slope.

40.00 Record distance; find no trace of the original 4 sec. cor. of secs. 20 and 29.

On gradual SW. slope, 40 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor., with brass cap marked

S20
1/4
S29

1942

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

No timber.

Undergrowth, scattered short black and sage brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21S., R.14E.

Chains

From the cor. of secs. 20, 21, 28, and 29.

N. $0^{\circ}49'$ E., bet. secs. 20 and 21.

Ascend gradually over rolling bench land, through scattered short undergrowth.

- 39.97 The original $\frac{1}{4}$ sec. cor., a sandstone, $24 \times 12 \times 3$ ins., loosely set in ground and small mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, with the original cor. monument deposited at the base of the post, for $\frac{1}{4}$ sec. cor., with brass cap marked

	$\frac{1}{4}$	
S20		S21
1942		

No other suitable accessories available.

- 50.20 Thence, N. $0^{\circ}27'$ E., with continuous measurement. Top of N. rim of broken bench land, bears E. and W.; descend abruptly.

- 70.60 Small wash at base of descent from rim of bench, 100 ft. below top, drains SE.; ascend abruptly.

- 76.50 Top of clay hill on ridge, 100 ft. above wash, bears NW. and SE.; descend abruptly.

- 80.05 The original cor. of secs. 16, 17, 20, and 21, a conglomerate stone, $24 \times 14 \times 6$ ins., loosely set in a small mound of stone, marked 3 notches on S. edge and 4 notches on E. edge. Cor. has no accessories.

At the cor. point; on broken NE. slope, 80 ft. below ridge

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to solid rock and in a large mound of stone to top, with the original cor. monument deposited at the base of the post, for cor. of secs. 16, 17, 20, and 21, with brass cap marked

T21S	R14E
S17	S16
S20	S21

1942

No other suitable accessories available.

Land, broken and rolling benches.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

No timber.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

West, bet. secs. 17 and 20.

Ascend abruptly over rocky NE. slope of broken bench land, through scattered short undergrowth.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21S., R.14E.

Chains

8.90 Rocky ridge, 80 ft. above cor., bears NW. and SE.; descend gradual SW. slope.

13.60 Draw, 30 ft. below ridge, drains SE.; ascend gradual broken E. slope.

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor.

On gradual E. slope, 270 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S17
 $\frac{1}{4}$ ———
 S20

1942

deposit

a sandstone, 10 x 10 x 10 ins., at base of post, marked X.

Land, broken sandstone benches and outcroppings.
 Soil, shallow sand and clay, with a rocky surface; 4th rate.

No timber.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

From the cor. of secs. 16, 17, 20, and 21.

N. 0°02' E., bet. secs. 16 and 17.

Descend gradual NE. slope of broken and rolling bench land, through scattered short undergrowth.

9.50 Wash, 50 lks. wide, 2 ft. deep, in swale, 30 ft. below cor., drains E.; ascend gradually over rolling bench land.

40.28 The original $\frac{1}{4}$ sec. cor. of secs. 16 and 17, a sandstone, 15 x 13 x 4 ins., loosely set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point, on rolling bench land, 40 ft. above swale.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument deposited at the base of the post, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S17 | S16

1942

raise a

mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence, N. 0°43' E., with continuous measurement.

55.60 Low rise, bears NW. and SE.

68.80 Wash, 50 lks. wide, 3 ft. deep, in bottom of shallow draw, drains E.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21 S., R.14 E.

Chains

80.30' The original cor. of secs. 8, 9, 16, and 17, a sandstone, 20 x 18 x 4 ins., loosely set, marked 4 notches on S. and E. edges. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the original cor. monument deposited at the base of the post, for cor. of secs. 8, 9, 16, and 17, with brass cap marked

T21S	R14E
S8	S9
S17	S16

1942

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, shallow loose sand and clay; 4th rate.

No timber.

Undergrowth, sage and black brush, mountain rush, shadscale weeds, and grass.

Fair grazing land.

West, bet. secs. 8 and 17.

Ascend gradual E. slope of rolling bench land, through scattered short undergrowth.

7.00 Base of abrupt ascent over E. slope of San Rafael Reef, bears N. and S.

34.10 Draw, drains NE.; enter broken sandstone outcroppings, bears NE. and SW.

39.75 On gradual S. slope, 310 ft. above sec. cor., 3.00 chs. N. of shallow draw draining E. and 50 lks. S. of a low spur, projecting E.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the sec. cor., with brass cap marked

S8
WC $\frac{1}{4}$
S17

1942

deposit a sandstone, 12 x 10 x 6 ins., at base of post, marked X.

40.00' Find no trace of the original $\frac{1}{4}$ sec. cor. True point for cor. falls on steep E. slope of surfacerock, where it is impracticable to set a cor.

At the true point for cor., at the base of ledges, 25 ft. high facing E., I mark a cross (X) on the surfacerock.

Land, broken with a general easterly exposure and drainage.

Soil, shallow loose sand and clay; 4th rate.

No timber.

Undergrowth, sage and black brush, weeds, and grass.

Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21S., R.14E.

Chains

From the cor. of secs. 8, 9, 16, and 17.

N. 0°43' E., bet. secs. 8 and 9.

Over rolling bench land, through scattered short undergrowth.

6.20 Wash, 30 lks. wide, 2 ft. deep, in shallow draw, drains E.; small seeps of good water along bottom of wash.

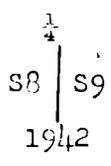
16.40 Wash, 20 lks. wide, 2 ft. deep, in shallow draw, drains E.

18.50 Shallow draw, drains E.

40.02 The original 1/4 sec. cor., a sandstone, 12 x 8 x 5 ins., loosely set, marked 4 on W. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument deposited at the base of the post, for 1/4 sec. cor., with brass cap marked



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence, N. 0°30' E., with continuous measurement.

41.00 Wash, 20 lks. wide, 2 ft. deep, in shallow draw, drains SE.; small seeps of water along bottom of wash.

57.40 Large wash, 1.20 chs. wide, 5 ft. deep, drains SE.; small seeps of water in bottom of wash.

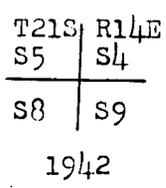
62.70 Recross wash, drains SW.; old road in bottom, bears NE. and SW.

69.50 Recross wash, drains SE.

30.06 The original cor. of secs. 4, 5, 8, and 9, a shale rock, 26 x 8 x 2 ins., loosely set, marked 5 notches on S. edge and 4 notches on E. edge. Cor. has no accessories.

At the cor. point, on gradual SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original cor. monument deposited at the base of the post, for cor. of secs. 4, 5, 8, and 9, with brass cap marked



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose sand; 4th rate.

No timber.

Undergrowth, sage and black brush, weeds, and grass. Fair grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.21S., R.14E.

Chains

West, bet. secs. 5 and 8.

Over broken bench land, through scattered short undergrowth

2.40 Large wash, 1.00 chs. wide, 5 ft. deep, drains S.; ascend over broken ledgy E. slope of the San Rafael Reef.

38.50 Top of ascent, 400 ft. above sec. cor., bears N. and S.; descend abrupt W. slope.

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor.

On broken abrupt W. slope, 30 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to solid rock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S5
S8

1942

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

Land, broken E. slope of the San Rafael Reef.
Soil, shallow loose sand and surfacerock; 4th rate.
No timber.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
Fair grazing land.

From the cor. of secs. 4, 5, 8, and 9.

N. 0°17' E., bet. secs. 4 and 5.

Ascend gradually over broken land, through scattered short undergrowth.

20.10 Low spur, 60 ft. above cor., slopes SE.

39.93 Proportionate distance; find no trace of the original $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S5 | S4
1942

deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked X.

40.50 Small wash, 10 lks. wide, 4 ft. deep, drains SE.

56.80 Wash, 20 lks. wide, 2 ft. deep, in swale, drains E.

60.20 Low spur, slopes S. 65° E.

77.90 Dim road, bears NE. and SW.

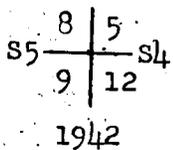
DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

79.86

Proportionate distance;

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to solid rock and in a mound of stone, for cor. of lots 5 and 12, sec. 4, and lots 8 and 9, sec. 5, with brass cap marked



mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a

86.00

Small wash, 10 lks. wide, 2 ft. deep, in shallow swale, drains E.

90.90

Low spur, slopes E.

95.20

Wash, 20 lks. wide, 2 ft. deep, in shallow swale, drains E.

98.90

Low spur, slopes E.

118.20

Wash, 2.00 chs. wide, 4 ft. deep, 40 ft. below spur, drains E.

120.50

Road, bears E. to U.S. Highway No. 50, and W. to Wayne Smith's ranch.

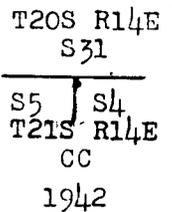
121.80

Barbed wire fence, bears E. and W.

123.95

Intersect the Fourth Standard Parallel South.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, T. 21 S., R. 14 E., with brass cap marked



mound of stone, 3 ft. base, 2 ft. high, S. of cor. raise a

From this cor., the standard cor. of Ts. 20 S., Rs. 13 and 14 E., bears N. 89°55' W., 25.80 chs. dist. Cor. is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 20 S., R. 14 E.

From same cor., the standard 1/4 sec. cor. of sec. 31, bears S. 89°55' E., 14.51 chs. dist. Cor. is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 14 E.

From same cor., the original closing cor. of secs. 4 and 5, T. 21 S., R. 14 E., bears N. 0°17' E., 34 lks. dist. Cor. is a trachyte, 16 x 8 x 5 ins., firmly set, marked 4 notches, on E. edge, 2 notches on W. edge, and CC on S. face. Cor. has no accessories. I change this cor. to a witness point by marking the N. face of the corner monument WP.

From same cor., U.S. Coast and Geodetic Survey bench mark No. G 39, established in year 1934, bears S. 43°35' W.,

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

97 lks. dist. Station is a brass tablet set in a concrete block.

From same cor., the north gable to the ranch house of Wayne Smith, bears S. 80°00' W., about 24.00 chs. dist.

May 20, 1942: Stationed at the closing cor. of secs. 4 and T. 21 S., R. 14 E., in approximate latitude 39°02' N., longitude 110°23' W., with instrument No. 16726, at 2h 23.3m p.m. correct 105th meridian standard time, I make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag at the lot cor. of lots 5 and 12 sec. 4, and lots 8 and 9, sec. 5, in a clockwise direction to the star.

Local mean time of observation..... 2h 1.8m p.m.
 Mean horizontal angle, flag to star..... 178° 33'.
 Azimuth of Polaris..... 1° 10' W.
 True bearing to flag..... S.0°17'W.

Land, rolling foot hills of the San Rafael Reef.
 Soil, shallow sand and clay with a rocky surface; 4th rate.
 No timber.
 Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
 Fair grazing land.

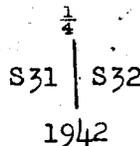
From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township.

N. 0°12' W., bet. secs. 31 and 32.

Over general E. slope of broken bench land, through scattered short undergrowth.

- 3.20 Dim road, bears NW. and SE.
- 12.10 Shallow draw, drains E.
- 22.50 Low spur, projects SE.
- 24.80 Shallow draw known as Black Dragon Canyon, drains E.
- 33.00 Low spur, projects N. 80° E.
- 40.00 At the record distance; find no trace of the original $\frac{1}{4}$ sec. cor.; mark a cross (X) on the sandstone surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



- 40.40 Sandstone ledge, 10 ft. high, faces N. and bears E. and W.
- 42.00 Shallow draw, drains E.
- 44.30 Shallow draw, drains E.
- 60.20 Top of S. rim of boxed gulch, bears E. and W.; descend abruptly.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

- 65.50 Bottom of boxed gulch, 180 ft. deep, drains S. 70° E.; ascend abruptly.
- 69.10 Top of N. rim of boxed gulch, bears N. 70° W. and S. 70° E.; ascend gradual SE. slope.
- 80.00 **At the record** distance; find no trace of the original cor. of secs. 29, 30, 31, and 32.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 29, 30, 31, and 32, with brass cap marked

T21S	R14E
S30	S29
S31	S32

1942

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

Land, broken and rolling bench, with a general easterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

No timber.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Fair grazing land.

From the cor. of secs. 28, 29, 32, and 33.

S. 89°40' W., bet. secs. 29 and 32.

Across bottom lands of the San Rafael River, through scattered cottonwood timber and dense undergrowth.

- 6.80 Left bank of the San Rafael River, bears N. 10° E. and S. 10° W.; thence across river which at this point is about 4 ft. deep and flows S. 10° W.
- 9.90 Right bank of river, bears N. 10° E. and S. 10° W.; thence across bottom lands of river.
- 15.70 Leave bottom lands of river and ascend gradual SE. slope, bears NE. and SW.
- 19.30 Top of ascent on low hill, slopes SW.; descend gradually.
- 22.00 Enter bottom lands of wide draw, bears N. and S.
- 30.20 Bottom of wide draw, drains SE. continue across bottom lands.
- 38.00 Leave bottom lands and ascend gradual E. slope, bears N. and S.
- 40.40 **At the record** distance; find no trace of the $\frac{1}{4}$ sec. cor. On steep E. slope of bench, 40 ft. above bottom lands.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground and in a small mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION' T. 21 S., R. 14 E.

Chains

$$\frac{1}{4} \frac{S29}{S30}$$

1942

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

Thence ascend over E. slope of bench.

20.80 The cor. of secs. 29, 30, 31, and 32, 320 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken E. slope of bench and level bottom lands of the San Rafael River.

Soil, deep clay and sand in bottom lands of river; 3rd rate; shallow loose sand on benches; 4th rate.

Timber, scattered cottonwood along bottom lands of river.

Undergrowth, greasewood, sage, rabbit, and black brush, weeds, shadscale, and grass.

Fair grazing land.

SURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

From the cor. of secs. 29, 30, 31, and 32.

North, bet. secs. 29 and 30.

Ascend gradually along broken E. slope of bench, through scattered short undergrowth.

1.20 Top of ascent on E. slope, bears N. 85° E. and S. 85° W.; descend rocky N. slope.

5.00 Rocky draw, 120 ft. below top of ascent, drains E.; ascend rocky SE. and E. slopes.

8.00 Top of steep ascent, thence ascend gradually over E. slope.

21.20 Small rocky ravine, drains N. 70° E.

24.30 Top of S. rim of the San Rafael River, bears N. 20° W. and SE.; descend abruptly over nearly vertical rim.

26.00 Base of rim, bears with top; thence descend abrupt NE. slope.

35.00 Base of descent in bottom of canyon, about 1.00 chs. west of the San Rafael River, 340 ft. below top of rim, bears N. 20° W. and S. 20° E.; thence along broken E. face of base of ledges at the W. side of river.

39.36 At S. base of slope, about 1.50 chs. west of San Rafael River.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone to top, for witness cor. to the $\frac{1}{4}$ sec. cor. sec. 29, with brass cap marked

$$\frac{1}{4} \frac{WC}{S29}$$

1942

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

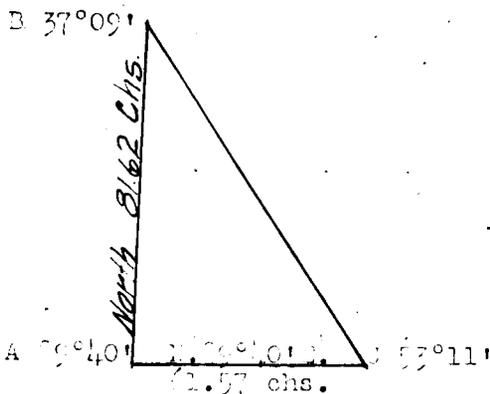
SURVEY PORTION SUBDIVISION, T. 21 S.; R. 14 E.

40.81

True point for the 1/4 sec. cor., on the W. bdy. of sec. 29, at midpoint bet. the cor. of secs. 20 and 29, and the cor. of secs. 29, 30, 31, and 32.

True point for cor. falls on steep S. face of sandstone slope, where it is impracticable to set a cor.

The line to the N. of this point passes over inaccessible ledges forming the breaks of the San Rafael River, over which it is impracticable to chain, I therefore determine the distance by triangulation as follows. Designate the cor. of secs. 29, 30, 31, and 32 as A, and erect flag B on line N. From A, survey base line AC, N. 89°40' E., 51.57 chs. From C, AB subtends an angle of 53°11'. From B, AC subtends an angle of 37°09'. Vertical angle from A to B is plus 2°25'. All angles checked by repetition.



Distance by triangulation 51.62 chs.
 Distance by return measurement..... 25.00 chs.
 Distance on line..... 55.62 chs.

45.00

Approximate distance; low rocky sharp spur, projects N. 30° E.

50.00

Approximate distance; San Rafael River, stream about 2.00 chs. wide, 4 ft. deep, flows N. 90° E., about 12.00 chs. dist. to sharp bend, thence southwesterly; river is in a deep narrow boxed canyon; ascend abrupt ledge of breaks of river.

55.62

Top of N. rim of river, bears E. and W.; thence ascend gradual S. slope of sandstone surface rock.

61.62

At the intersection with a line projected W. from the 1/4 sec. cor. of secs. 20 and 29; at top of ascent, 230 ft. above cor. of secs. 29, 30, 31, and 32, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in a hole drilled in the solid rock, and in a large mound of stone to top, for cor. of secs. 20 and 29, with brass cap marked

T21S	R14E
	S20
S19	S29

1942

Land, broken sandstone ledges and breaks of the San Rafael River.

Soil, shallow loose sand in the depressions of the surface rock; 4th rate.

No timber.

Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

Poor grazing land.

SURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

- From the $\frac{1}{4}$ sec. cor. of secs. 20 and 29,
West, bet. secs. 20 and 29.
- Ascend gradually over broken E. face of the San Rafael Reef, through scattered short undergrowth.
- 2.50 Wash, 30 lks. wide, 2 ft. deep, in draw, drains S. 80° E.
- 40.97 The cor. of secs. 20 and 29, 360 ft. above the $\frac{1}{4}$ sec. cor.
Land, broken E. face of the San Rafael Reef.
Soil, shallow loose sand in the depressions of the surface-rock; 4th rate.
No timber.
Undergrowth, scattered short sage and black brush, shadscale mountain rush, weeds, and grass.
Poor grazing land.
-
- North, along the W. bdy. of sec. 20.
- Over broken E. face of the San Rafael Reef; through very scattered scrub timber and short undergrowth.
- 34.60 Top of ascent on reef, 180 ft. above cor., bears E. and W., 2.00 chs. dist. to top of E. breaks of San Rafael River, bearing NW. and SW.; descend gradually.
- 40.02 Point midway bet. the cors. of secs. 17 and 20, and secs. 20 and 29.
On sandstone surfacerock, 20 ft. below top of ascent.
Set an iron post, 14 ins. long, 1 in. diam., 10 ins. in a hole drilled in the solid sandstone, for $\frac{1}{4}$ sec. cor. sec. 20, with brass cap marked
- | $\frac{1}{4}$ S20
1942
- No other suitable accessories available.
- Thence ascend gradually over sandstone domes and ledges.
- 56.00 Top of S. rim of boxed gulch, 160 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend abruptly.
- 58.50 Bottom of boxed gulch, 300 ft. deep, drains E.; ascend abrupt N. breaks of gulch.
- 61.00 Top of N. rim of gulch, 30 ft. above bottom, bears E. and W.; continue over E. slope of sandstone ledges.
- 76.00 Sandstone draw, 60 ft. deep, drains E.; ascend.
- 80.04 Intersect a line projected W. from the $\frac{1}{4}$ sec. cor. of secs. 17 and 20.
On SW. slope of sandstone spur.
Set an iron post, 1 ft. long, 2 ins. diam., 8 ins. in a hole drilled in the solid sandstone, for cor. of secs. 17 and 20, with brass cap marked

SURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

T21S	R14E
S18	S17
	S20
1942	

No other suitable accessories available.

Land, broken ledges forming the E. face of the San Rafael Reef.
 Soil, shallow loose sand in the depressions of the surface rock; 4th rate.
 Timber, very scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
 Land inaccessible to grazing.

From the $\frac{1}{4}$ sec. cor. of secs. 17 and 20.

West, bet. secs. 17 and 20.

Ascend abruptly over broken E. slope of the San Rafael Reef, through scattered timber and short undergrowth.

- 8.40 Sandstone draw, drains SE.
- 10.20 Sandstone spur, projects S.
- 15.20 Sandstone draw, drains S.; ascend over broken sandstone ledges.
- 22.50 Sandstone draw, drains S.; ascend over ledges.
- 41.82 The cor. of secs. 17 and 20, 420 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken E. face of the San Rafael Reef.
 Soil, shallow loose sand; 4th rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.
 Land inaccessible to stock.

North, along the W. bdy. of sec. 17.

Over broken sandstone ledges and outcroppings, through scattered scrub timber and short undergrowth.

- 15.20 Top of S. rim of boxed gulch, bears E. and W.; descend abruptly over ledges.
- 19.00 Bottom of boxed gulch, 140 ft. deep, drains E.; ascend abruptly over ledges.
- 23.00 Top of N. rim of boxed gulch, bears E. and W.; thence over broken sandstone outcroppings.
- 40.13 Point midway bet. the cors. of secs. 8 and 17, and secs. 17 and 20.

Set an iron post, 1 ft. long, 1 in. diam., 10 ins. in a hole drilled in the solid sandstone, for $\frac{1}{4}$ sec. cor. sec. 17, with brass cap marked

SURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

 $\frac{1}{4}$ S17

1942

from which

A juniper, 8 ins. diam., bears S. 3° W., 90 lks. dist., marked $\frac{1}{4}$ S18 BT.

No other bearing tree available.

- 54.30 Sandstone spur, 80 ft. above the $\frac{1}{4}$ sec. cor., projects S. 80° E.
- 56.30 Top of S. rim of sandstone gulch, bears NE. and SW.; descend abruptly.
- 60.30 Sandstone spur, projects E. into gulch.
- 63.30 Bottom of gulch, 200 ft. deep, drains E.; ascend abruptly over nearly vertical ledges.
- 70.00 Top of N. rim of canyon, bears E. and W.; thence over broken sandstone outcroppings.
- 80.26 Intersect a line projected W. from the true point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 17.

On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. of secs. 8 and 17, with brass cap marked

T21S	R14E
	S8
S7	S17

1942

No suitable bearing trees available.

Land, broken sandstone ledges.

Soil, shallow loose sand in the depressions of the surfacerock; 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, scattered black and sage brush, shadscale, mountain rush, weeds, and grass.

Land, inaccessible to grazing.

From the true point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 17, which is West, 25 lks. dist. from the witness cor. to the $\frac{1}{4}$ sec. cor.

West, bet. secs. 8 and 17.

Ascend steep SE. slope of sandstone ledges, through scattered scrub timber and short undergrowth.

- 7.00 Sandstone spur, 80 ft. above true point for cor., projects N. 80° E.; descend abruptly over ledges.
- 10.60 Top of ledge, 100 ft. high, faces W. and bears NE. and SW.
- 12.00 Sandstone draw, 110 ft. below spur, drains NE.; ascend abruptly over ledges.

SURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains	
29.00	Top of ascent, 150 ft. above draw, slopes S.; descend abruptly over ledges.
35.70	Sandstone draw, 80 ft. below top of ascent, drains SE.; ascend abrupt ledgy NE. slope.
42.29	<p>The cor. of secs. 8 and 17, 90 ft. above draw.</p> <p>Land, broken ledgy E. slope of the San Rafael Reef. Soil, shallow loose sand; 4th rate. Timber, scattered scrub juniper and pinon. Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass. Land, inaccessible to grazing.</p>
	<p>North, along the W. bdy. of sec. 8.</p> <p>Over broken top of the San Rafael Reef, through scattered scrub timber and short undergrowth.</p>
5.00	Top of S. rim of canyon, bears NW. and SE.; descend abruptly over ledges.
12.00	Bottom of canyon, 200 ft. deep, drains SE.; ascend abruptly over N. breaks of canyon.
19.00	Top of N. rim of canyon, bears NW. and SE.; thence over sandstone ledges and outcroppings.
40.03	Point midway bet. the cor. of secs. 5 and 8, and the cor. of secs. 8 and 17.
	<p>Set an iron post, 14 ins. long, 1 in. diam., 10 ins. in a hole drilled in the solid sandstone, for $\frac{1}{4}$ sec. cor. sec. 8, with brass cap marked</p>
	<p style="text-align: center;"> $\frac{1}{4}$ S8 1942</p>
	No suitable bearing trees available.
	Thence descend gradually over rocky NE. and N. slopes.
47.20	Narrow rocky draw, 60 ft. below the $\frac{1}{4}$ sec. cor., drains S. 80° E.; ascend abruptly over ledges.
49.50	Top of abrupt ascent, 230 ft. above draw, bears E. and W.; thence over rocky bench.
67.50	Draw at base of ledge and dome, drains S. 80° E.; ascend abrupt S. face of dome.
69.20	Top of dome, 60 ft. high; descend gradually over broken land faces E.
80.06	Intersect a line projected W. from the $\frac{1}{4}$ sec. cor. of secs. 5 and 8.
	On gradual SE. slope, 120 ft. below top of dome.
	<p>Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone to top, for cor. of secs. 5 and 8, with brass cap marked</p>

Chains

7213, 1942
 S6 | 85
 | 88
 1942

00.25

07.25

02.50

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

Land, broken ledgy top and E. slope of the San Rafael Reef
 Soil, shallow loose sand in the depressions of the surface
 rock; 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain
 rush, weeds, and grass.

Land inaccessible to grazing.

From the $\frac{1}{4}$ sec. cor. of secs. 5 and 8.

West, bet. secs. 5 and 8.

Over general E. slope of the San Rafael Reef through
 scattered scrub timber and short undergrowth.

6.00 Shallow rocky draw, drains SE.

8.60 Shallow rocky draw, drains NE.; ascend abruptly over ledge
 and outcroppings.

35.00 Top of nearly vertical sandstone ledge, 340 ft. above the
 $\frac{1}{4}$ sec. cor., faces SW. and bears NW. and SE.; descend
 abruptly.

43.14 The cor. of secs. 5, and 8, 70 ft. below top of ledge.

Land, broken by ledges and outcroppings.

Soil, shallow loose sand; 4th rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sage and black brush, shadscale, mountain
 rush, weeds, and grass.

Land inaccessible to grazing.

North, along the W. bdy. of sec. 5.

Over rough broken ledges and outcroppings through scattered
 scrub juniper and pinon.

7.70 Top of sandstone dome, 80 ft. above cor.; descend gradually.

12.50 Top of S. rim of draw, 80 ft. below top of dome, bears
 E. and W.

15.60 Draw, 60 ft. below rim, drains E.

16.90 Top of N. rim of draw, 50 ft. above bottom, bears E. and W.
 ascend gradually.

21.00 Shallow rocky draw, drains E.

40.00 On surface rock.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in a
 hole drilled in the solid sandstone, and in a large mound
 of stone to top, for $\frac{1}{4}$ sec. cor. sec. 5, with brass cap
 marked

SURVEY PORTION SUBDIVISION, T. 21 S., R. 14 E.

Chains

1/4 S5

1942

No suitable bearing trees available.

- 52.50 Top of SW. rim of draw, bears NW. and SE.
- 53.00 Bottom of draw, 60 ft. deep, drains SE.
- 56.00 Top of N. rim of draw, bears NW. and SE.
- 60.60 Shallow rocky draw, drains SE.
- 73.00 Top of ascent on E. side of sandstone dome, 90 ft. above the 1/4 sec. cor., also top of ledge, 60 ft. high, faces E. and bears S. 20° W., and N. 20° E., 2.50 chs. dist. to sandstone spur projecting E.; descend abruptly.
- 74.60 Draw, 80 ft. below top of ascent on E. face of dome, drains NE.; ascend gradually.
- 80.00 On sandstone surfacerock, 60 ft. above draw.

Set an iron post, 14 ins. long, 1 in. diam., 10 ins. in a hole drilled in the solid sandstone, for cor. of lots 5 and 12, sec. 5, with brass cap marked

5
—
12 S5

1942

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

- 107.10 Small sandstone draw, 30 ft. deep, drains S. 60° E.
 - 122.80 Small sandstone draw, drains NE.
 - 123.95 Intersect the Fourth Standard Parallel South, East, 22.03 chs. dist. from the standard cor. of secs. 35 and 36, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 20 S., R. 13 E., book "A" of this group.
- At point of intersection; on sandstone surfacerock, sloping S.

Set an iron post, 26 ins. long, 2 ins. diam., 15 ins. in a hole drilled in the solid sandstone and in a mound of stone to top, for closing cor. of secs. 5 and 6, T. 21 S., R. 14 E., with brass cap marked

T20S R13E
S36

S6 S5
T21S R14E
C C

1942

No suitable bearing trees available.

Land, broken general E. slope of the San Rafael Reef. Soil, shallow patches of loose sand; 4th rate. Undergrowth, sage and black brush, shadscale, mountain rush, weeds, and grass.

GENERAL DESCRIPTION, T. 21 S., R. 14 E.

Timber, scattered scrub juniper and pinon.
Land, inaccessible to grazing.

GENERAL DESCRIPTION, T. 21 S., R. 14 E.

The lands within the boundaries of T. 21 S., R. 14 E., Salt Lake Meridian, Utah, that come under this survey, consist of the bottom lands of the San Rafael River, in the south portion, and the nearly inaccessible east face of the San Rafael Reef in the north portion. The west range of sections in this township, was not surveyed, and has no settlers, improvements, or commercial value. It consists of nearly inaccessible sandstone ledges forming the west face of the San Rafael Reef, and the breaks of the San Rafael River. In most places, the area of the San Rafael Reef that comes under this survey, is cut by deep narrow boxed gulches, and has numerous high inaccessible sandstone buttes and domes.

The soil in the bottom lands of the San Rafael River, is a deep sand and clay loam, and may be classified as third rate, while that on the slopes of the reef, consists of a shallow loose sand found in the depressions of the surfacerock, and may be classified as fourth rate.

The timber on the slopes of the reef consists of a very scattered growth of scrub juniper and pinon; while that in the bottom lands of the San Rafael River, consists of a scattered growth of cottonwood. None of the timber has any commercial value.

The undergrowth on the slopes of the reef, consists of a scattered short growth of sage and black brush, shadscale, mountain rush, weeds, and grass, while that in the bottom lands of the river consists of dense greasewood, rabbit brush, and weeds.

The only stream of water in the township that comes under this survey, is the San Rafael River. At the time of the survey, this stream was about 2.50 chs. wide, and 4 ft., deep, and flows easterly through the central portion of section 29, and southerly through the east portion of section 32. The only other water was small intermittent seeps in the bottoms of the deep gulches at the base of the reef.

The only settler in the township that comes under this survey, was Wayne Smith, who lives with his family at a well developed ranch located in lots 1 and 2, section 5. The improvements of this ranch consists of a four room frame house, cellar, stock shed, corrals, fences, and about five acres of land under cultivation upon which hay, grain, fruit, and vegetables were being raised. The only other land that could be farmed is the bottom lands of the San Rafael River, and the remaining area is suitable only for a grazing range for stock, and at the time of the survey, it was being used for this purpose under the supervision of the grazing service.

No indications of oil, oil shale, coal, or mineral were found.

From Wayne Smith's ranch, a good automobile road bears in an easterly direction about 7 miles distance to U.S. Highway No. 50, at a point about 8 miles northwesterly from the town of Green River, Utah.

The mean magnetic declination was found to be 15°45' E.

CERTIFICATE OF SURVEYOR

Andrew Nelson, Assistant Cadastral Engineer
We, Robert C. Yundt, Assistant Cadastral Engineer,

I, _____, HEREBY CERTIFY upon honor

pursuance of special instructions bearing date of the 23rd day of May 1932
received from the district cadastral engineer for Utah, supplemental
instructions dated May 15, 1942, We have surveyed made a dependent resurvey
portions of the south boundary and subdivision, and a survey of a portion
of the subdivision of, T. 21 S., R. 14 E.

of the Salt Lake Meridian, in the State of Utah, which
represented in the foregoing field notes as having been executed by us and under our direction, and that
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

January 20, 1943
Salt Lake City, Utah.

Andrew Nelson
Assistant Cadastral Engineer
Robert C. Yundt
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

Chief Cadastral Engineer,
OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado MAY 21 1947, 19

The foregoing field notes of the survey of dependent resurvey of portions of the
south boundary and subdivision, and survey of a portion of the
subdivision, of T. 21 S., R. 14 E.,

Andrew Nelson, Assistant Cadastral Engineer
executed by Robert C. Yundt, Assistant Cadastral Engineer

under special instructions dated May 23, 1932 supplemental and assignments
instructions dated May 15, 1942, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

Acting Chief Cadastral Engineer
Supervisor of Surveys

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in
is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys