

Volume

#

R0521

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(April 1933)

RECEIVED

JAN 25 1936
Department of the Interior
Public Survey Office
Salt Lake City, Utah

Book "A"

FIELD NOTES

DEPENDENT RESURVEY OF THE LINES BETWEEN

SECTIONS 27 and 34, 28 and 33, 29 and 32,

and BETWEEN SECTIONS 30 and 31.

T.39 S., R.26 E.

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Howard W. Miller, U.S. Cadastral Engineer

Under special instructions dated October 24, 1933, which provided

for the surveys included under Group No. 252, bearing the approval of the

Commissioner of the General Land Office under date of October 30, 1933

and assignment instructions dated November 11, 1933

Survey commenced November 17, 1933

Survey completed November 21, 1933

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Township 39 South, Range 26 East

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DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S.,R.26 E.

DESCRIPTION AND TEST OF INSTRUMENT

Survey commenced November 17, 1933, and executed with Buff and Buff transit No.16726, property of the General Land Office. The instrument is equipped with the improved Smith solar attachment and full vertical circle; the horizontal limb is 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 arc. The transit was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on November 11, 1933. I examined all instrumental adjustments before making the field tests hereinafter recorded.

The direction of the subdivisional lines included in this survey were determined by the solar transit method. The measurements were made with a Lallie steel ribbon tape, 5 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The measurements were made on the slope, and the vertical angle of each interval was ascertained with a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position of the SE. corner of T. 39 S., R. 26 E. as follows: approximate latitude 37°23'N., and longitude 109°06'W.

November 17, 1933, at the closing corner of sections 27 and 34, T. 39 S., R. 26 E., on the Utah-Colorado State line hereinafter described, at 8h a.m., apparent time, I set off 37°24'N. on the latitude arc, 18°55'S., on the declination arc, and determine a meridian with the solar and note a tree on the sky line about 1 mile distant which bears North.

At apparent noon, with the latitude arc unchanged, I observe the sun on the meridian, the resulting reading of the declination arc is 19°00'S., which agrees with the computed declination of the sun.

At 3h. 52.4m. p.m. l.m.t., or 4h. 08.8m. p.m. by my watch which carries correct 105th meridian standard time, I observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the tree on the sky line noted in the above solar observation, in the direction of west to Polaris.

Mean horizontal deflection angle	- - - - -	1° 19'W.
Azimuth of Polaris at observation	- - - - -	1° 19'W.
True bearing of tree	- - - - -	North.

At 4h. p.m. apparent time, I set off 37°24'N. on the latitude arc; 19°00'S. on the declination arc, and determine a meridian with the solar, and find that the tree bears North.

As all the solar observations during the usual hours of solar work define positions for meridians which practically agree with the true meridian, I conclude that the adjustments of the instrument are satisfactory.

DEPENDENT RESURVEY OF SUBDIVISION OF T. 39 S., R. 26 E.

Chains

I repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

REESTABLISHMENT OF SURVEYS EXECUTED BY
DANIEL B. MILLER AND JOS. C. THOMA,

U. S. SURVEYORS IN 1912.

The resurvey is a restoration of the subdivisional lines forming the north boundary of the Navajo Indian Reservation in T. 39 S., R. 26 E. Before reconstructing the corners, the necessary retracements were made of the lines of the original survey, and all corner positions identified. The record of the true lines only appear in these notes.

The closing corner of sections 27 and 34, T. 39 S., R. 26 E. on the Utah-Colorado State line is an iron post, 2 ins. in diameter, standing in a small mound of stone and marked as described in the official record.

I reset corner monument in a large mound of stone, and remark same,

T39S
PL
S27 C
S34 C
R26E
NIR

1912

From this corner the 25th Mile Corner on the State line, which is a sandstone, 24x16x1 ins., firmly set in a mound of stone, and marked 1886 - 25M on E. face, bears N.0° 32'E. 2.61 chains distant.

Thence

West, between sections 27 and 34.

Gradually descend over gently rolling mesa, through scattering juniper and pinon timber and sagebrush undergrowth.

10.92 Set a cedar stake in mound of stone on top of small ledge and rim of mesa, bearing NW. and S.; descend rocky SW. slope.

14.90 Head of rocky draw, 55 feet below the closing corner, drains NW.; gradually ascend.

20.57 The $\frac{1}{4}$ section corner, which is the center of a stone mound, some of which are deeply embedded in the ground. Corner post missing.

At the corner point.

Set a sandstone, 24x16x4 ins., 18 ins. in the ground and surrounded by a large mound of stone, and marked $\frac{1}{4}$ on N. face for $\frac{1}{4}$ section corner. The regulation 1 in. iron post is not available.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.26 E.

Chains

Corner stands on a low rise or spur, sloping N.

Thence

S.89°52'W., with continuous measurement.

Descend along broken N. and NW. slopes.

36.60 Set a cedar post in a mound of stone on N. slope, 20 links E. of the N. edge of a large boulder.

39.75 Wash, 20 links wide, 5 feet deep, from draw to the NE., drains S.20°W.

41.60 Enter bottom of Ruin Canyon, bears N. and S.

44.15 Wash, 50 links wide, 10 feet deep, in bottom of Ruin Canyon, 40 feet below $\frac{1}{4}$ section corner, drains S.

48.85 Set a cedar post in a mound of stone at the west edge of bottom of Ruin Canyon, bears NE. and SW.; ascend 200 feet over breaks of bench and large boulders to

60.49 The corner of sections 27, 28, 33, and 34, which is an iron post, 2 ins. diameter, standing and unsupported, not marked and witnessed by a small mound of stone to the west.

Set post in a large mound of stone and mark same

T39S R26E
PL
S28 | S27

S33 | S34
NIR
1933

Corner stands at E. base of ledge and rim of bench, bears N. and S.

Land, rolling and broken; general E. and W. exposure and drainage to Ruin Canyon, which drains S.

Soil, loose sand and rocky, of sandstone formation; 3rd rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sagebrush and native grasses.

Fair grazing land.

S.89°48'W., between sections 28 and 33.

Ascend over ledge on E. break of bench, through scattered scrub juniper and pinon, and sagebrush undergrowth.

.50 Top of ledge, 25 feet high, and east rim of bench, bears N. and S.; gradually ascend over bench.

.82 Set a cedar lath in a mound of stone.

7.81 Top of ascent, 45 feet above section corner, bears N.35°W. and S.35°E.; set a cedar lath in a mound of stone. Descend.

13.40 Top of ledge, 25 feet high, and rim of bench, bears NW. and SE.; descend SW. slope over ledges and boulders.

18.75 Wash, at mouth of gulch, drains S., also base of descent, bears S.30°E. and S.30°W.; thence along S. slope.

DEPENDENT RESURVEY OF SUBDIVISION OF T.29 S., R.26 E.

anish0

- Chains
 - 25.70 Ascend SE. slope, over ledges and boulders.
 - 30.20 Top of ledges, 25 feet high, bears NE. and S.20°W.; continue ascent.
 - 35.46 Spur, 175 feet above wash, projects S.; set a cedar lath in mound of stone. Descend 60 feet over W. slope.
 - 39.80 The $\frac{1}{2}$ section corner, which is an iron post, 1 in. in diameter, firmly set in the ground and a mound of stone, and marked and witnessed as described in the official record.
- I remark post as follows:
- | | |
|----|---------------|
| PL | $\frac{1}{4}$ |
| | S 28 |
| | S33 |
| | NIR |
| | 1912 |
| | 1933 |
- Thence
- N.89°39'W., with continuous measurement.
 - 44.80 Set a cedar stake in a mound of stone.
 - 47.30 Ledge rim, bears N.20°E. and S.20°W.; descend 100 feet to
 - 51.80 Rocky draw, drains S.30°W.; ascend
 - 63.30 Spur, projects S.30°W.; descend 100 feet to
 - 66.60 Rocky draw, drains SW. about $3\frac{1}{2}$ chains distant, thence SE.; ascend abruptly 75 feet to
 - 71.30 Rocky point, projects S.; descend 30 feet to
 - 74.25 Set a cedar stake in a mound of stone on spur, sloping S.
 - 79.83 The corner of sections 28, 29, 32, and 33, which is an iron post, 2 ins. in diameter, firmly set in the ground, and a mound of stone, and marked and witnessed as described in the official record.
- I remark post as follows:
- | | |
|------|------|
| PL | |
| T396 | R26E |
| S29 | S28 |
| S32 | S33 |
| NIR | |
| 1912 | |
- Land, rough breaks of bench; general S. exposure and drainage.
 Soil, sandy, gravelly, and rocky, of sandstone formation; 3rd rate.
 Timber, scattered scrub juniper and pinon.
 Undergrowth, sagebrush and native grasses.
 Fair grazing land.

N.89°57'W., between sections 29 and 32.

Over broken land, through scattered juniper and pinon timber and sagebrush undergrowth.

3

20

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R. 26 E.

Chains

- 3.75 Set a cedar stake in mound of stone on the N. side of a juniper tree.
- 4.45 Begin descent over small sandstone ledges and boulders, bears N. and S.
- 9.15 Draw, 60 feet below section corner, drains S. about 1½ chains distant, thence SE.; gradually ascend.
- 17.00 Top of ascent, slopes S.; thence along nearly S. slope.
- 18.60 Rocky wash, drains SE.; leave timber, bears N. and S.
- 21.00 Thence over rolling bench land, through sagebrush and grass.
- 23.90 Set a cedar lath in a mound of stone.
- 30.90 Small wash in depression, drains NE.
- 36.85 Set a cedar lath in a mound of stone.
- 39.98 The ¼ section corner, which is an iron post, 1 in. in diameter, extending 24 ins. above ground, and marked and witnessed as described in the official record.

I reset post firmly in a mound of stone and remark same,

PL
 $\frac{1}{4}$ S29
 S32
 NIR
 1912

Continue on same line with continuous measurement.

- 41.30 Road, bears NW. to Bluff, Utah, and SE. to Cortez and McElmo Creek, Colorado.
- 46.75 Small wash, drains SE.
- 56.70 Set a willow stake in a mound of stone on sandstone reef, bearing NE. and SW.
- 72.30 Old road, bears N. and S.
- 79.88 The corner of sections 29, 30, 31, and 32, which is an iron post, 2 ins. in diameter, extending 18 ins. above ground, firmly set, and marked and witnessed as described in the official record.

I build a mound of stone around post, and remark same to read:

PL
 T39S R26E

S30	S29
S31	S32

 1912
 NIR

Land, rolling and broken; general E. exposure and drainage. Soil, sandy and rocky, of sandstone formation; 3rd rate. Timber, scattered scrub juniper and pinon on eastern portion of mile. Undergrowth, sagebrush and native grasses. Fair grazing land.

Chains
 S. 89° 54' W., between sections 30 and 31.
 Over gently rolling land, through sagebrush undergrowth.

19.30 Set a cedar lath in a mound of stone; commence descent of 90 feet over a west slope.

34.85 Large draw, drains S.; gradually ascend over rolling land.

40.03 The $\frac{1}{2}$ section corner, which is an iron post, 1 in. in diameter, loosely set and extending 24 ins. above ground, marks illegible and corner is not witnessed.
 At corner point, reset post 26 ins. in the ground with brass cap marked

PL
S 30
$\frac{1}{2}$
S 31
NIR
1912

raise a mound of stone, 2 feet base, $1\frac{1}{2}$ feet high, N. of corner.

Thence
 S. 89° 55' W., with continuous measurement.

54.05 Set a cedar lath in a mound of stone.

62.65 Wash, 15 links wide, 2 feet deep, drains S.

68.95 Wash, 15 links wide, 5 feet deep, drains SE.

75.30 Shallow wash, drains SE.

80.03 The corner of sections 25, 30, 31, and 36, on the W. boundary of the Tp., which is an iron post, 3 ins. in diameter, 18 ins. above ground, firmly set, and marked and witnessed as described in the official record.
 I build a mound of stone around corner, and remark post to read

T39S	T39S
R25E	R26E
P	L
S25	S30
S36	S31
NIR	
1912	

Land, rolling; general S. exposure and drainage.
 Soil, sandy, with some sandstone rock; 3rd rate.
 No timber.
 Undergrowth, sagebrush and native grasses.
 Fair grazing land.

GENERAL DESCRIPTION

The country traversed by these lines of survey are low mountains, or broken bench lands, between sections 27 and 34, 28 and 35, and the eastern portion of the line between sections 29 and 32. The western portion of the line between sections 29 and 32, and the line between sections 30 and 31 are rolling. All the lands have a general south exposure and drainage, and are suitable chiefly for graz-

GENERAL DESCRIPTION

ing purposes.

The soil of the mountainous land is practically all rocky, of sandstone formation, and supports a scrub growth of juniper and pinon timber of little or no commercial value, and also short desert shrubs, while the soil of the rolling land is sandy and affords a medium growth of sagebrush and native grasses.

No water was observed adjacent to the lines of survey, neither was there any settlement or improvements.

A road bearing northwest to Bluff, Utah, and southeast to Cortez and McElmo Creek, Colorado, crosses the line between sections 29 and 32 immediately west of the quarter-section corner.

Ruin Canyon crosses the line between sections 27 and 34, and drains in a southerly direction. It is reported that Cliff Dweller ruins are situated in this canyon north of the line of survey.

No magnetic declination was taken on account of a defective needle.

For final test of instrument see T.39 S., R.24 E., Book "C" this group.

CERTIFICATE OF UNITED STATES SURVEYOR

Cadastral Engineer

I, Howard W. Miller, U. S. Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the District Cadastral Engineer for Utah

bearing date of the 24th day of October, 1933, I have well, faithfully, and true-

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

re- tions, and the laws of the United States, surveyed all those parts or portions of the lines between

secs. 27 and 34, 28 and 33, 29 and 32, and 30 and 31, T.39 S.,

R.26 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 all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such survey. Certified to at:

Salt Lake City, Utah
January 10, 1936

Howard W. Miller

U. S. Cadastral Engineer ~~Utah~~

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo. 1939, 19

The foregoing field notes of the ~~survey~~ resurvey of the lines bet. secs. 27 and

34, 28 and 33, 29 and 32, and 30 and 31, T.39 S., R.26 E., Salt

Lake Meridian, Utah

executed by Howard W. Miller, U. S. Cadastral Engineer

under his special instructions dated October 24, 1933, having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys

they describe, are hereby approved.

Wm. A. Johnson

U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in Utah

, has been correctly copied from the original notes on file in this office.

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Book "B"

FIELD NOTES

RECEIVED

NOV 28 1933
Department of the Interior
Public Survey Office
Salt Lake City, Utah

DEPENDENT RESURVEY OF THE LINES BETWEEN

SECS. 25 & 36, 25 & 26, 23 & 26, 22 & 27,

21 & 28, 20 & 29, AND BET. SECS. 19 & 30

T. 39 S., R. 25 E.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Howard W. Miller, Cadastral Engineer

Under special instructions dated October 24, 1933, which provided

for the surveys included under Group No. 252, bearing the approval of the

Commissioner of the General Land Office under date of October 30, 1933

and assignment instructions dated November 11, 1933

Survey commenced November 17, 1933

Survey completed November 24, 1933

BOOK A-521

INDEX DIAGRAM.

Township 39 South, Range 25 East, S.I.M.

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DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

Survey commenced November 17, 1933, and executed with Buff and Buff transit No.16726, property of the General Land Office. For complete description and preliminary test of instrument see resurvey of subdivision of T.39 S., R. 26 E., Book "A", this group. For test of instrument at the completion of survey, see field notes of the resurvey of subdivision of T.39 S., R.24 E., Book "C", this group.

The direction of the subdivisional lines of this survey were determined by the solar transit method. The measurements were made with a Lallie steel ribbon tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The measurements were made on the slope, and the vertical angle of each interval was ascertained with a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position of the SE. corner of the township as follows: approximate latitude 37°23'N.; longitude 109°10'W.

REESTABLISHMENT OF SURVEYS EXECUTED BY
DANIEL B. MILLER AND JOS. C. THOMA,
U. S. SURVEYORS IN 1912.

The resurvey is a restoration of the subdivisional lines forming the north boundary of the Navajo Indian Reservation in T. 39 S., R. 25 E. Before reconstructing or restoring the corners, the necessary retracements were made of the lines of the original survey, and all corner positions identified. The record of the true lines only appear in these notes.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp. heretofore described in Book "A", this group.

S.89°58'W., bet. secs. 25 and 36.

Gradually ascend east slope of rolling land through sagebrush undergrowth.

- 8.22 Set a willow stake on line. Thence on near level line along gentle N. slope.
- 16.80 Set a cedar lathon line.
- 22.10 Set a willow stake on line.
- 31.03 Set a cedar lathon line.
- 31.10 Old road, bears NE. and SW.
- 40.00 The $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. diam., loosely set, extending 24 ins. above ground, and marked as described in the official record.

Reset post, 28 ins. in the ground, with brass cap marked

$\frac{1}{4}$
PL
S25

S36
NIR
1912

18x18x12 ins., E. and W. of post, 3 ft. distant. Thence dig pits,
North 89°57'W., with continuous measurement.

- 51.10 Wash, drains NW.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

en1ed0

- 59.55 Set a cedar lath in a mound of stone.
- 69.85 Small depression, drains N.
- 79.87 The cor. of secs. 25, 26, 35, and 36, which is an iron post, 2 ins. diam., firmly set, extending 14 ins. above ground, and marked as described in the official record.

I remark post to read:

T39S
R25E
PL
S26 | S25
S35 | S36
NIR
1912

18x18x12 ins., in each section.

Dig pits,

Land, rolling.

Soil, sandy; 2nd rate.

No timber.

Undergrowth, sagebrush and native grasses.

Fair grazing land.

N.0°06'W., bet. secs. 25 and 26.

Gradually descend over rolling bench land, sloping N., through dense sagebrush undergrowth.

- 11.75 Wash, drains NE.
 - 14.25 Wash, in small depression, drains NE.
 - 21.90 Set a cedar lath on line.
 - 24.07 Old road, bears NE. and SW.
 - 30.51 Set a cedar lath on line.
 - 40.15 The 1/2 sec. cor., which is an iron post, 1 in. diam., loosely set, extending 26 ins. above ground, and marked as described in the official record.
- Reset post 26 ins. in the ground, with brass cap marked

S26 | S25
NIR | PL
1912

from which

A Juniper, 12 ins. diam., bears N.17°E., 220 lks. dist., marked 1/2 S25 BT

Thence

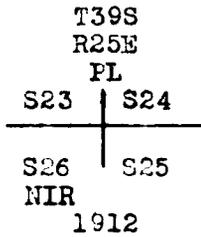
N.0°37'W., with continuous measurement.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

- 45.28 Set a willow stake on line. Enter scattered scrub juniper timber, bears E. and W.
- 56.20 S. rim of box gulch, bears N.60°W. and S.60°E.; descend.
- 62.40 Bottom of gulch and wash, 25 lks. wide, 2 ft. deep, 50 ft. below rim, drains NW.; ascend over large boulders.
- 66.50 N. rim of gulch, bears NW. and SE.; thence over broken bench land, gradually ascending.
- 78.90 Set a juniper flag on line at top of ascent, bears E. and W.
- 80.22 The cor. of secs. 23, 24, 25, and 26, which is an iron post, 2 ins. in diam., loosely set, extending 28 ins. above ground, and marked and witnessed as described in the official record.

I reset post in a large mound of stone and remark same to read as follows:



Corner stands on a gentle NW. slope.

Land, gently rolling bench with general N. and S. exposure and drainage to gulch draining NW.

Soil, sandy and rocky of sandstone formation; 3rd. rate.

Timber scattered scrub juniper and pinon on N. portion of mile.

Undergrowth, sagebrush and native grasses.

Fair grazing land:

S.89°57'W., bet. secs. 23 and 26

Gradually descend over broken bench land through scattered juniper and pinon timber and sagebrush undergrowth.

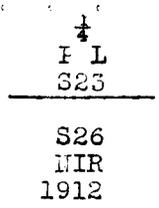
- 7.37 Set a juniper flag pole in mound of stone on line.
- 13.85 Low sandstone ledge, bears NW. and SE.; descend into gulch.
- 17.00 Wash, 30 lks. wide, 4 ft. deep, in gulch, drains NW. about 4 chs. to junction with canyon from the NE., thence SW.; ascend.
- 23.15 Low spur, projects N. about 2 chs. to end; descend.
- 28.55 Road, bears NE. and SW. across wash in canyon draining S.20°W.; ascend.
- 30.22 Set a large juniper flag in mound of stone on point of spur projecting S. 1 ch. to road in canyon; descend.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

- 33.15 Wash, in canyon, 30 lks. wide, 3 ft. deep, drains N, 80°W. from the SE.
- 33.60 Road in canyon, bears N.80°W. and S.80°E.; gradually ascend along N. slope.
- 39.75 Low point, projects NW.; descend.
- 40.17 The $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. in diam., loosely set, extending 30 ins. above ground, and marked as described in the official record.

I reset post 24 ins. in the ground and mound of stone and remark same to read:

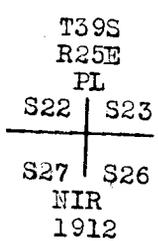


Thence

S.89°49'W., with continuous measurement

- 41.60 Road, bears N. and S.
- 42.30 Wash, in canyon, 50 lks. wide, 4 ft. deep, drains S. S. Brown's cabin bears S. about 4 chs. distant; ascend abruptly.
- 45.25 Set a juniper flag in mound of stone on spur, 50 ft. above canyon, projects SE.; descend over broken SW. slope.
- 50.40 Same wash in canyon, 50 lks. wide, 4 ft. deep, 70 ft. below spur, drains NW.; ascend 60 ft. to
- 60.60 Set a willow flag on spur, 60 ft. above wash, projects NW.; descend 115 ft. to
- 80.29 The cor. of secs. 22, 23, 26, and 27, which is an iron post, 2 ins. in diam., loosely set, extending 28 ins. above ground, and marked as described in the official record.

I build a large mound of stone around cor. and remark post to read:



Cor. stands on E. bank of wash in large open canyon draining SW.

Land, rough and broken; general W. drainage.

Soil, shallow sandy loam and rocky of sandstone formation; 3rd. rate.

Timber, scattered scrub juniper and pinon on E. half mile

Undergrowth, sagebrush and native grasses.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

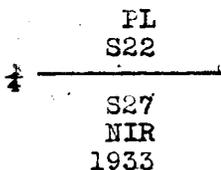
Fair grazing land.

N.89°51'W., bet. secs. 22 and 27

Over rolling land in bottom of wide, open canyon, through sagebrush undergrowth.

- .20 Wash, in canyon, 50 lks. wide, 5 ft. deep; drains SW.
- 2.30 Same wash, drains NW.
- 7.50 Same wash, 75 lks. wide, 3 ft. deep, drains SW.
- 13.40 Wash, 30 lks. wide, 5 ft. deep, drains SW. about 2½ chs. to main canyon wash draining SW.
- 16.80 Leave canyon and enter mountainous land, bears N. and S.; ascend.
- 29.30 Set a juniper pole in mound of stone.
- 29.80 Ridge spur, 140 ft. above sec. cor., bears N. and S.; descend abruptly over ledges.
- 30.15 Set a cedar lath in a mound of stone.
- 37.50 Draw, 150 ft. below ridge, drains S.; ascend abruptly 50 ft. to
- 38.79 The ¼ sec. cor., which is an iron post, 1 in. in diam., lying on the ground, marks illegible.

At cor. point, set the iron post in a large mound of stone with brass cap marked



Thence

S.89°33'W., with continuous measurement

Ascend abruptly 80 ft. to

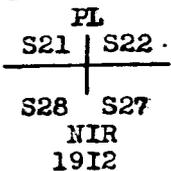
- 41.72 Set a cedar lath in mound of stone on top of spur, projecting S.; descend abruptly 85 ft. to
- 48.00 Rocky draw, drains S.30°E.; ascend abruptly.
- 54.70 Top of steep ascent, ascend more gradually.
- 56.42 Set a willow stake in a mound of stone.
- 78.60 Set a juniper flag in a mound of stone on top of a broad ridge, 200 Ft. above draw, bears NE. and SW.; gradually descend.
- 79.72 The cor. of secs. 21, 22, 27, and 28, which is an iron post, 2 ins. in diam., standing in the center of a small mound of stone, and marked as described in the official record.

I reset cor. monument in a large mound of stone and remark post to read:

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

T39S R25E

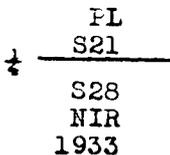


Land, broken bench; general S. exposure and drainage.
 Soil, sandy and rocky of sandstone formation; 3rd. rate.
 Timber, scattered scrub juniper and pinon on west half mile.
 Undergrowth, sagebrush, yellow top and native grasses.
 Fair grazing land.

S.89°52'W., bet. secs. 21 and 28.

Gradually descend broken NW. slope of rolling bench land through scattered scrub juniper and pinon timber and sagebrush and yellow top undergrowth.

- 18.60 Set a juniper flag pole in mound of stone
- 24.70 Rocky draw, 75 ft. below sec. cor., drains SW.; ascend broken SE. slope 50 ft. to
- 32.60 Set a juniper flag in mound of stone on top of spur, projecting S.; gradually descend.
- 33.60 Top of ledge and E. rim of canyon, bears N. and S.; descend abruptly 190 ft. to
- 40.09 Proportionate point on steep W. slope.
 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



of stone, 3 ft. base, 2 ft. high, N. of cor. raise a mound

Continue descent over W. slope.

- 41.40 Canyon, 45 ft. below $\frac{1}{4}$ sec. cor., drains S.20°W.; ascend abruptly 175 ft. over E. slope to
- 50.90 Top of ledge 50 ft. high and W. rim of canyon, bears N.10°E. and S.30°W.; thence over rolling bench land.
- 50.97 Set a juniper stake in a mound of stone.
- 60.96 Set a juniper stake in a mound of stone on top of ridge or mesa, bears N. and S.; gradually descend 35 ft. to
- 80.13 The cor. of secs. 20, 21, 28, and 29 which is an iron post, 2 ins. in diam., standing on top of the ground and marked as described in the official record.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

Reset the cor. monument 28 ins. in the ground and mark same to read:

T39S R25E	
PL	
S20	S21
S29	S28
NIR	
1912	

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

Land, rolling and rough breaks of mesa; general S. exposure and drainage.

Soil, sandy clay loam and rocky of sandstone formation; 3rd. rate.

Timber, scattered scrub juniper and pinon.

Undergrowth, sagebrush and yellow top.

Fair grazing land.

S.89°51'W., bet. secs. 20 and 29.

Gradually descend over broken bench land through undergrowth of sagebrush, shadscale and yellow top.

- 3.70 Top of ledge and rim of bench, bears N. and S.; descend over W. slope.
- 12.25 Draw, 110 ft. below sec. cor., drains NW.; ascend over E. and NE. slopes.
- 25.00 Thence along N. slope and ledges.
- 32.10 Top of ledge 30 ft. high, and point of bench, bears NW. and SE.; thence along break of bench.
- 32.45 Set a juniper stake in mound of stone.
- 35.12 Set a juniper flag in mound of stone on rim of bench, bears N.80°E., and SW.; descend abruptly NW. slope over ledges 115 ft. to
- 39.47 The $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. in diam., standing in a small mound of stone, and marked as described in the official record.

Reset cor. monument in a large mound of stone and remark same to read:

$\frac{1}{4}$	
PL	
S20	

S29	
NIR	
1912	

Cor. stands on steep NW. slope at base of a series of ledges bearing NE. and SW.

Thence

S.89°58'W., with continuous measurement.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 N

Chains

- Continue descent over NW. slope from point of bench.
- 45.85 Wash, 50 lks. wide, 3 ft. deep, in large draw, 75 ft. below sec. cor., drains S.70°W.; ascend.
- 55.00 Top of ascent, bears N. and S.; gradually descend.
- 59.35 Same wash in draw, drains NW.
- 61.75 Same wash, drains S.60°W.
- 67.10 Same wash, drains NW.
- 70.40 Same wash, drains S.60°W.
- 72.37 The cor. of secs. 19, 20, 29, and 30, which is an iron post 3 ins. in diam., standing in a small mound of stone, and marked as described in the official record.

Reset post in a large mound of stone and mark same to read:

PL	
T39S	R25E
S19	S20
S30	S29
NIR	
1912	

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

Cor. stands at the E. base of a brown spur covered with boulders.

Land, broken; general S. exposure and SW. drainage.

Soil, sandy and rocky of sandstone and conglomerate formation; 3rd. rate.

No timber.

Undergrowth, sagebrush, yellow top, shadscale and native grasses.

Fair grazing land.

S.30°W.4', bet. secs. 19 and 30.

Over broken land through short sagebrush and shadscale undergrowth. Ascend E. slope of spur.

- 4.40 Top of a large brown boulder, 50x50 ft. on S. point of spur from the N; set a cedar stake in mound of stone. Gradually descend.
- 14.20 Wash, 30 lks. wide, 5 ft. deep, in draw, drains NW., 95 ft. below spur.
- 24.30 Wash, 30 lks. wide, 5 ft. deep, from the S., drains N. 4 chs. to junction with main wash, thence W.
- 36.75 Wash, 50 lks. wide, 2 ft. deep, in main draw, drains S.30°W.; ascend E. slope of spur.

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.25 E.

Chains

39.38 Set a juniper flag in a mound of stone on top of spur, 60 ft. above wash, projects S.

40.03 The point for the $\frac{1}{4}$ sec. cor., which is the center of a dilapidated mound of stone; cor. post missing.

At cor. point

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. into the ground and supported by a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

PL
S19

 $\frac{1}{4}$
S30
NIR
1933

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

Cor stands on gentle NW. slope near top of spur.

Thence

S.89°47'W., with continuous measurement

Descend 50 ft. to

45.80 Wash, 30 lks. wide, 1 ft. deep, drains S. 3 chs. to mouth of draw.; gradually ascend.

50.10 Low spur, projects S.; gradually descend.

53.10 Wash, 20 lks. wide, 2 ft. deep, in shallow draw, drains S.30°W.; gradually ascend.

60.67 Set a willow flag in mound of stone on low point projecting S.30°E.; descend.

64.30 Shallow wash, at foot of mesa from the N. and N. side of wide draw to the S., drains from the NW. to SW.; thence along rocky S. slope.

77.45 Spur, projects S. at point of mesa from the N.; descend 30 ft. to

79.11 The cor. of secs. 19,24,25, and 30 on the W. bdy. of the Tp. which is an iron post, 3 ins. in diam., firmly set and extending 14 ins. above ground, and marked and witnessed as described in the official record.

I remark post to read:

T39S
R24E R25E
PL
S24 | S29
S25 | S30
NIR
1912

I build a large mound of stone around cor. post

Land, rolling and broken; general S. exposure and drainage

Soil, clay of bad land formation, sandy and rocky of sandstone and conglomerate formation; 4th. rate.

No timber.

Chains

Undergrowth, sagebrush, shadscale and yellow top.

Fair grazing land.

GENERAL DESCRIPTION

The lines between secs. 25 and 36 and secs. 25 and 26 are high rolling bench lands, while those between secs. 23 and 26, 22 and 27, 21 and 28, 20 and 29, and bet. secs. 19 and 30, are broken and have a general south exposure and westerly drainage via Navajo Canyon to Montezuma Canyon Wash. The lands are valuable principally for grazing purposes and indications are that they have been used as such for many years.

The soil of the rolling land in the eastern portion of the township is a sandy clay loam streaked with rock of sandstone formation and would support crops with the aid of irrigation, while that of the broken land is a rock strewn surface covering a "bad land" clay and sandy soil.

Scrub juniper and pinon timber is found along the north portion of the line bet. secs. 25 and 26, bet. secs. 23 and 26, 22 and 27, and the eastern portion of the line bet. secs. 21 and 28, but it is of no commercial value. Sagebrush is the predominating undergrowth and is interspersed with shadscale, yellow top, and native grasses.

A settler (J. Brown) is residing immediately south of the quarter-section cor. bet. secs. 23 and 26, and outside of his cabin and corrals, I did not note any improvements.

I did not note any indications of water along the lines of survey, neither were any indications of mineral observed.

No magnetic declination was taken on account of a defective needle.

CERTIFICATE OF ~~INTERESTS DEVELOPER~~

Cadastral Engineer

I, Howard W. Miller, ~~U.S. Surveyor~~, hereby certify upon honor that, in pursuance

of special instructions received from the District Cadastral Engineer for Utah

bearing date of the 24th day of October, 1933, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, ^{re-} surveyed all those parts or portions of the lines bet.

secs. 25 and 36, 25 and 26, 23 and 26, 22 and 27, 21 and 28, 20

and 29, and bet. secs. 19 and 30, T.39 S., R.25 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 all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

such survey.

Certified to at:
Salt Lake City, Utah
January 22, 1936

Howard W. Miller
Cadastral Engineer ~~U.S. Surveyor~~

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colo. JUN 20 1939, 19

The foregoing field notes of ~~the survey of~~ surveys in T.39 S., R.25 E., Salt Lake
Meridian

executed by Howard W. Miller, U.S. Cadastral Engineer

under his special instructions dated October 24, 1933, having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys

they describe, are hereby approved.

Wm. H. Cannon
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in Utah

has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.

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BOOK A-521

Book "C"

FIELD NOTES

Original

RECEIVED

JAN 28 1936
Department of the Interior
Public Survey Office
Salt Lake City, Utah

DEPENDENT RESURVEY OF THE LINE BETWEEN SECS. 24 & 25,
AND THE EAST HALF MILE BETWEEN SECS. 23 & 26,

T.39 S., R.24 E.

Of the Salt Lake Meridian,
Utah

the State of

EXECUTED BY

Howard W. Miller, Cadastral Engineer

Under special instructions dated October 24, 1933, which provided
for the surveys included under Group No. 252, bearing the approval of the
Commissioner of the General Land Office under date of October 30, 1933
and assignment instructions dated November 11, 1933

Survey commenced November 17, 1933

Survey completed November 21, 1933

INDEX DIAGRAM.

Township 39 South, Range 24 East, S.L.M.

0	5	4	3	2	1
7	6	9	10	11	12
19	17	16	15	14	13
29	28	21	22	23	24
30	29	28	27	26	25
31	30	29	28	27	26

Chains

Survey commenced November 17, 1933, and executed with Buff and Buff transit No.16726, property of the General Land Office. For complete description and preliminary test of instrument see resurvey of subdivision of T. 39 S., R. 26 E., Book "A", this group.

The direction of the subdivisional lines of this survey were determined by the solar transit method. The measurements were made with a Lallie steel ribbon tape 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The measurements were made on the slope, and the vertical angle of each interval was ascertained with a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the approximate geographic position of the southeast corner of T. 39 S., R. 24 E., S. L. M., as latitude 37° 25' N., longitude 109°17'W.

REESTABLISHMENT OF SURVEYS EXECUTED
BY DANIEL B. MILLER AND JOS. C. THOMA
U. S. SURVEYORS IN 1912.

The resurvey is a restoration of the subdivisional lines forming the north boundary of the Navajo Indian Reservation in T. 39 S., R. 24 E. Before reconstructing the corners, the necessary retracements were made of the lines of the original survey, and all corner positions identified. The record of the true lines only appear in these notes.

From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp. heretofore described in Book "B", this group.

S.89°59'W., bet. secs. 24 and 25.

Over broken land; descend SW. slope through short shadscale undergrowth.

9.00 Enter large draw or flat, bears NW. and SE.

23.00 Broad, shallow wash, at foot of hill, drains S.; leave flat, bears N. and S.;

Ascend.

30.50 Top of hill or ridge, 70 feet above wash, bears N. and S.;

Descend 85 feet to

40.35 The $\frac{1}{4}$ sec. cor., which is the center of an old mound of stone; corner post missing, and has probably been removed by the Indians.

At the corner point.

DEPENDENT RESURVEY OF SUBDIVISION OF T39S R24E, R. 24

Chains

links

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

PL

S24

S25

NIR

1933

raise a mound

of stone, 3 ft. base, 2 ft. high, N. of corner.

Thence

S.89°33'W., with continuous measurement.

Over gently rolling land

63.13 One strand barbed wire fence, bears NW. and SE. 75 links, then S.

Thence over nearly level ground.

80.39 The corner of secs. 23, 24, 25, and 26, which is an iron post, 2 ins. diam., firmly set, extending 12 ins. above ground, properly marked but not witnessed.

I remark post to read

T39S R24E

PL

S23 | S24

S26 | S25

NIR

1912

I erect a large cottonwood pole alongside corner.

Land, broken and gently rolling and level bottom lands of Montezuma Canyon Wash; general drainage S.

Soil, clay loam and rocky; 2nd rate.

No timber.

Undergrowth, shade scale.

N.89°17'W., bet. secs. 23 and 26.

Over nearly level bottom lands of Montezuma Canyon Wash.

2.70 East rim of Montezuma Canyon Wash, bears N. and S.; thence

DEPENDENT RESURVEY OF SUBDIVISION OF T.39 S., R.24 E.

Chains

across wash.

- 5.50 Approximate center of wash, dry, drains S.
- 8.36 West rim of Montezuma Canyon Wash, bears N. and S.; ascend over rolling ground.
- 8.65 Set a juniper post, 6 ft. long, 12 ins. into the ground and surrounded by a mound of stone; from which
 A cross (+) on a sandstone outcropping, bears North, 52 lks. distant.
- 10.25 Low spur, projects SE.; gradually descend.
- 20.45 Small draw, drains SE.; ascend.
- 30.75 Low ridge, bears N. and S.; descend 50 ft. to
- 40.00 The $\frac{1}{4}$ sec. cor., which is an iron post, 1 in. in diam., firmly set in the ground and mound of stone and marked and witnessed as described in the official record.
- Land, rolling; slopes and drains E. into Montezuma Canyon Wash which drains S.
- Soil, sandy clay streaked with rock; 3rd. rate.
- No timber
- Undergrowth, shadscale.

FINAL TEST OF INSTRUMENT

November 21, 1933: at the $\frac{1}{4}$ sec. cor., bet. secs. 23 and 26, in approximate latitude $37^{\circ}24'N.$, and longitude $109^{\circ}17'30''W.$, at 9h.03m. am., 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, noting the deflection angle from a rock about a quarter of a mile north in the direction of N-W to Polaris.

Watch time of observation -----9h 04m a. m.
 Local mean time of observation -----8h 45m 50s. am.

Hour angle of Polaris at observation ----- 5h 10m 38s
 Azimuth of Polaris at observation ----- $1^{\circ}18'W.$
 Mean horizontal angle rock to Polaris $1^{\circ}18'W.$

True bearing of rock ----- North

At 9h.15m. am., I set off $37^{\circ}24' N.$ on the latitude arc, $19^{\circ}53'S.$, on the decl. arc, and determine a meridian with the solar and find that the rock bears North.

At 3h. pm. apparent time, with the latitude arc unchanged, I set off $19^{\circ}57'S.$, on the decl. arc. and determine a meridian with the solar and find that the rock again bears North

GENERAL DESCRIPTION

The line bet. secs. 24 and 25 and the east half mile between secs. 23 and 26, are rolling and situated on the east and west sides of Montezuma Canyon Wash which drains south. The soil generally is a sandy clay but in places is quite rocky of sandstone formation.

A portion of the west half mile bet. secs. 24 and 25 and that portion of the line bet. secs. 23 and 26 east of Montezuma Creek is suitable for farming and indications are that small tracts in this area have at one time been cultivated.

There are numerous Indians residing along Montezuma Creek and some of them appear to be engaged in the raising of goats.

No water was noted along the lines of survey, neither were any indications of mineral noted.

No magnetic declination was taken on account of a defective needle.

BOOK A-521

4-690
(August, 1951)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Ethan Torgerson	Principal Assistant
Kenneth V. Adams	Chairman
Louis A. Patterson	Axman

CADASTRAL ENGINEER
CERTIFICATE OF UNITED STATES SUPERVISOR

Cadastral Engineer

Howard E. Miller

hereby certify upon honor that, in pursu-

Utah

of special instructions received from the District Cadastral Engineer for

bearing date of the 24th day of October, 1933, I have well, faithfully, and tra-

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

tions, and the laws of the United States, surveyed all those parts or portions of the lines bet.

secs. 24 and 25 and bet. secs. 23 and 26, T.39 S., R.24 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 all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

said survey certified to wit:

Salt Lake City, Utah

January 20, 1936

Howard E. Miller
Cadastral Engineer

APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colo. JUN 20 1939, 19

The foregoing field notes of the survey of T.39 S., R.24 E., Salt Lake Meridian

Howard E. Miller, Cadastral Engineer

October 24, 1933, having been

examined and the necessary corrections and explanations made, the said field notes, and the surveys

are hereby approved

U.S. Supervisor of Surveys

has been correctly copied from the original notes on file in this office.

U.S. Supervisor of Surveys

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BOOK A-521

"A"

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MAR 11 1938
Department Of The Interior
Public Survey Office
Salt Lake City, Utah

FIELD NOTES

THE SURVEY OF A PORTION OF THE BOUNDARIES AND SUBDIVISION, AND THE
SUBDIVISION OF A PORTION OF SECTION 32, COMPLETING THE SURVEY OF,
T. 23 S., R. 6 E.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Elliot Bird, Surveyor

Edward Eliason, Transitman

Molen Roper, Transitman

under special instructions dated June 4 1934, which provided
and supplemental special instructions dated November 27, 1935

for the surveys included under Group No. 259, Utah, bearing the approval of the

commissioner of the General Land Office under date of June 26, 1934, and
December 6, 1935

supplemental
assignment instructions dated May 25, 1937.

Survey commenced June 25, 1937.

Survey completed August 7, 1937.

INDEX DIAGRAM.

Township 23 South, Range 6 East

	6	5	4	3	2	1						
	7	8	9	10	11	12						
	13	16	17	18	15	14	13					
	16	16	17	18	19	19						
	19	21	22	23	25	26						
5	19	57	20	48	21	42	22	37	23	31	24	15
	56	55	47	42	35	30						
3	30	54	20	46	28	41	27	34	36	29	28	13
	53	51	45	39	33	28						
1	31	50	32	43	33	38	34	32	35	27	36	12
	12	10	9	9	8	7						

Subdivision of sec. 32, pages 58 to 66 inclusive.

T. 23 S., R. 6 E.

18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Lines colored black were surveyed by Elliot Bird, Surveyor.

Lines colored blue were surveyed by Elliot Bird, Surveyor, and Molen Roper, Transitman.

Lines colored orange were surveyed by Elliot Bird, Surveyor, and Edward Eliason, Transitman.

Chains

The completion of the survey of T. 23 S., R. 6 E., Salt Lake Meridian, Utah, was commenced June 25, 1937, and executed with Buff and Buff transit No. 18003, used by Elliot Bird, Surveyor, and Molen Roper, Transitman, and Buff and Buff transit No. 16725, used by Edward Eliason, Transitman. The instruments are the property of the General Land Office and were approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in supplemental assignment instructions for the survey of Group 259, Utah, dated May 25, 1937.

Each instrument is equipt with a Smith solar attachment. The instruments have full vertical circles, and the horizontal limbs of each transit, are equipt 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 solar attachments were not used in this survey, and all controlling meridians were established by observations made upon Polaris during the progress of the survey as shown in this record. The bearings of the lines were deflected from these true meridians by repetition of angles, and carried forward by transit line, taking the mean of double fore and back sights.

The measurements were made with a Lallie steel ribbon tape 5 chains in length, compared 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 large improved clinometers and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 23 S., R. 6 E.

Reestablishment of surveys executed by
A. D. Ferron, U.S. Deputy Surveyor,
in 1881.

Random Lines.

June 25, 1937; at the cor. Ts. 23 and 24 S., Rs. 5 and 6 E., hereinafter described, in approximate latitude 38°45' N., longitude 111°18' W., at 10h 37.2m a.m. local mean 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 40.00 chs. North, in the direction West to Polaris.

Watch time of observation (correct
105th Meridian Standard Time)..... 11h 02.4m

Mean horizontal angle, flag pole to star.. 0°59.2' W.

Azimuth of Polaris..... 0°59.2' W.

True bearing to flag pole..... North

Thence, from the above cor.

North, on a retracement line, bet. secs. 31 and 36.

40.37 Fall 45 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 31 and 36, hereinafter described.

The course of this half mile therefore is, N. 0°38' E., and the distance is 40.37 chs.

DEPENDENT RESURVEY OF PORTION WEST BOUNDARY, T. 23 S., R. 6 E.

Chains

511180

From the $\frac{1}{4}$ sec. cor.

North, with new measurement, making searches for cors. at intervals of 40 and 80 chains, and at:

201.25 Fall 1.29 chs. N. of the cor. secs. 13, 18, 19, and 24, hereinafter described.

The course of the line from the $\frac{1}{4}$ sec. cor. secs. 31 and 36, to the cor. secs. 13, 18, 19, and 24, therefore is, N. 0°22' W., and the proportionate distance for each half mile is 40.25 chs.

True Lines.

The cor. Ts. 23 and 24 S., Rs. 5 and 6 E., is a sandstone, 30 x 13 x 6 ins., firmly set, marked 6 notches on all 4 edges. Cor. is witnessed by a small mound of stone around 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. stone deposited at the base of post, with brass cap marked

T23S	
R5E	R6E
S36	S31

S1	S6
R5E	R6E
T24S	

1937

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

Thence:

N. 0°35' E., on true line, bet. secs. 31 and 36.

Over nearly level bottom land of wide draw, through dense short undergrowth. Dia. road, bears NE. and SW.

32.30

40.05

Point midway bet. the cor. Ts. 23 and 24 S., Rs. 5 and 6 E. and the closing cor. secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked

$\frac{1}{4}$ S31

1937

mound of stone, 3 ft. base, 2 ft. high, E. of cor. raise a

40.37

The $\frac{1}{4}$ sec. cor. originally set for secs. 31 and 36, a sandstone, 12 x 12 x 3 ins. above ground, firmly set, 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., 30 ins. in the ground, with the original cor. monument deposited at the base of post, for $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked

Chains

‡ 836

1937

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

Thence:

N. 0°22' W., with continuous measurement.

41.70 Leave bottom lands of wide draw and ascend steep SE. slope of a high bench, bears NE. and SW.

45.00 Rocky spur, 60 ft. above the ‡ sec. cor. sec. 36, slopes N. 80° E., 4.00 chs. dist. to end; thence ascend gradually along E. slope of high bench to the west.

53.20 Draw, 40 ft. deep, drains E.; thence ascend steep SE. slope.

75.40 Top of SE. rim of high bench land, 170 ft. above spur, bears NE. and SW.; thence over rolling top of bench.

80.11 The closing cor. secs. 30 and 31, subsequently set at this point.

80.62 Proportionate point:

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

T23S	T23S
S25	R6E
S36	S30
R5E	

1937

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

Land, rolling, with a general southeasterly and easterly exposure and drainage. Sandstone and volcanic formation.

Soil, deep coarse gravel and rock; 4th rate.

Undergrowth, shadscale, sagebrush, greasewood, yellow top, silver leaf, mountain rush, and weeds.

Timber, a few scattered juniper and pinon to the E. of the N. portion of the mile.

Fair grazing land.

N. 0°22' W., along the E. bdy. sec. 25.

Over rolling top of high bench land, through dense short undergrowth.

0.30 Unimproved road, bears N. 60° E. to the Dog Valley Coal Mine, and S. 65° W. to Utah State Highway No. 10.

39.45 Point midway bet. the closing cors. of secs. 19 and 30, and secs. 30 and 31.

DEPENDENT RESURVEY OF PORTION WEST BOUNDARY, T. 23 N. R. 6 E.

Chains

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

$\frac{1}{4}$ S30

1937

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

40.25 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. sec. 25, with brass cap marked

$\frac{1}{4}$ S25

1937

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

45.00 Begin gradual descent over rocky NE. slope of rim of bench, bears NW. and SE.

57.00 Draw, 160 ft. below rim of bench, drains N. 55° E.; thence across bottom lands of draw.

59.50 Small draw, drains N. 70° E., 5.00 chs. dist. to junction with last draw.

63.00 Small spur, 20 ft. high, projects N. 70° E.

65.70 Draw, 25 ft. deep, drains E.; ascend gradual SE. slope.

74.40 The closing cor. secs. 19 and 30, subsequently set at this point.

82.50 Proportionate point; on SE. slope, 140 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the restored cor. secs. 24 and 25, with brass cap marked

T23S	T23S
S24	
S25	R6E
R5E	S19

1937

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

Land, rolling, with a general easterly exposure and drainage. Sandstone and volcanic formation.

Soil, deep coarse gravel and rock; 4th rate.

Undergrowth, short sagebrush, greasewood, rabbit brush, silver leaf, mountain-rush, yellow top, and weeds.

No timber.

Fair grazing land.

DEPENDENT RESURVEY OF PORTION WEST BOUNDARY, T. 23 S., R. 6 E.

Chains

N.0°22'W., along the E. bdy. sec. 24.

Across level top of the NE. point of high bench land to the W., through dense short undergrowth.

- 10.50 Begin abrupt descent over steep rocky NE. slope, bears NW. and SE.
- 24.00 Draw, 240 ft. below rim of bench, drains NE.; ascend gradual SE. slope.
- 35.40 Small spur, 40 ft. above draw, projects S.80°E.; descend gradual NE. slope.
- 38.90 Point which is a northing of 40.00 chs. from the closing cor. secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 19, with brass cap marked

$\frac{1}{4}$ S19

1937

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

- 40.25 Proportionate point; at base of descent, 40 ft. below spur, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. sec/ 24, with brass cap marked

$\frac{1}{4}$ S24

1937

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

Thence ascend gradual SE. slope.

- 45.00 Spur, 60 ft. above the $\frac{1}{4}$ sec. cor. sec. 24, projects N.80°E.; descend gradual N. slope.

- 56.00 Draw, 40 ft. below spur, drains E.; ascend gradual SE. slope.

- 79.50 Top of NE. point of high bench, 140 ft. above draw, projects NE.; descend steep NW. slope.

- 80.50 On steep NW. slope, 25 ft. below point of bench; the cor. of secs. 13, 18, 19, and 24, which is a volcanic rock, 16x12x8 ins., firmly set, marked 3 notches on N. and S. edges, witnessed by a bearing tree as follows:

A dead pinon, 10 ins. diam., bears S.85°E., 25 lks. dist., upon which I find dim 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 post, for cor. secs. 13, 18, 19, and 24, with brass cap marked

Chains

T23S	
R5E	R6E
S13	S18
S24	S19
1937	

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

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone and volcanic formation.

Undergrowth, sagebrush, greasewood, shadscale, yellow top, mountain rush, and weeds.

No timber.

Fair grazing land.

SOUTH BOUNDARY, T. 23 S., R. 6 E.

From the cor. Ts. 23 and 24 S., Rs. 5 and 6 E., heretofore described.

East, on a random line, making the proper offsets to the north from the tangent to the parallel at intervals of 40.00 chs., setting temp. $\frac{1}{4}$ sec. and sec. cors. along the line bet. Tps. 23 and 24 S., R. 6 E., and at

480.00 Set temp. cor. Ts. 23 and 24 S., Rs. 6 and 7 E.

Thence

At the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township, hereinafter described, in approximate latitude 38°48'N., longitude 111°12'W., on July 7, 1937, at 11h 24.0m a.m., local mean 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 50 chains north, in the direction west to Polaris.

Watch time of observation (correct 105th standard time, - - - - - 11h 48.8m a.m.

Mean horizontal angle, flag pole to star, - 1° 15.4' W.

Azimuth of Polaris, - - - - - 1° 15.4' W.

True bearing to flag pole - - - - - North.

Thence, from the above cor.

South, on random line, along the E. bdy. of the township, setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs. and at

241.50 Fall 3.17 chs. E. of the temp. cor. Ts. 23 and 24 S., Rs. 6 and 7 E.

At the 241.50 chs. point from the N.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for the cor. of Ts. 23 and 24 S., Rs. 6 and 7 E., with brass cap marked

SOUTH BOUNDARY, T. 23 S., R. 6 E.

Chains

T238	R6E	R7E
S36	S31	

S1	S6
T248	

1937

raise a mound of stone, 5 ft. base, 3 ft. high, S. of cor.

Thence, from the cor. Ts. 23 and 24 S., Rs. 6 and 7 E.

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

Over broken clay hills and sandstone breaks, through scattered undergrowth.

- 5.00 Wash, 30 lks. wide, 4 ft. deep, drains N.
- 22.20 Wash, 75 lks. wide, 5 ft. deep, drains S. 85° E.
- 30.30 Wash, 75 lks. wide, 5 ft. deep, drains N. 15° E., 4.00 chs. dist. to junction with last wash.
- 32.80 Recross same wash as at the 22.20 chs. point, drains N. 70° E.
- 36.60 Recross wash, drains S. 85° E.
- 40.00 On broken land.

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

S36

S1

1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

- 43.00 Base of abrupt ascent over steep E. slope of bench, bears N. and S.
- 51.60 Top of E. rim of bench, 130 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence over the top of broken bench land.
- 72.10 Wash, 60 lks. wide, 4 ft. deep, drains S. 10° W.
- 80.00 On broken bench land, mark a cross (X) on the surface rock, over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 1, 2, 35, and 36, with brass cap marked

T238	R6E
S35	S36

S2	S1
T248	

1937

Land, broken clay hills and sandstone outcroppings, with a general southeasterly exposure and drainage. Sandstone

Chains

shale, and volcanic formation.

Soil, shallow blue clay, sand, and rock; 4th rate.

Undergrowth, short shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

West, bet. secs. 2 and 35.

Over broken bench land through scattered short undergrowth.

28.80 Dim road, bears N. 10° E. and S. 15° W.

32.30 Wash, 20 lks. wide, 3 ft. deep, drains S.

40.00 On broken bench 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

$\frac{1}{4}$ $\frac{S35}{S2}$

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. ^{raise a}

41.30 Wash, 15 lks. wide, 3 ft. deep, drains S.

50.70 Sandstone rim, 40 ft. high, bears NE. and SW. and faces SE.

80.00 On broken bench land.

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. secs. 2, 3, 34, and 35, with brass cap marked

T23S R6E
S34 S35

S3 S2
T24S

1937

sandstone, 12 x 10 x 8 ins., at base of post, marked X. ^{deposit a}

Land, broken with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow and deep blue clay and rock; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

SOUTH BOUNDARY, T. 25 S., R. 6 E.

Chains

West, bet. secs. 3 and 34.
Over rolling bench land through scattered short undergrowth.

14.70 Wash, 70 lks. wide, 6 ft. deep, drains S.

40.00 On broken bench 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

$\frac{1}{4}$ $\frac{S34}{S3}$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

47.30 Wash, 30 lks. wide, 5 ft. deep, drains S., 5.00 chs. dist., thence E.

60.80 Wash, 40 lks. wide, 4 ft. deep, drains SE., 4.00 chs. dist., thence E.

75.70 Wash, 40 lks. wide, 10 ft. deep, drains S. 30° E., 4.00 chs. dist., thence E.

80.00 On broken bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 3, 4, 33, and 34, with brass cap marked

T23S	R6E
S33	S34

S4	S3
T24S	

1937

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

Land, rolling and broken, with a general southeasterly exposure and drainage. Sandstone formation.

Soil, deep blue clay; 4th rate.

Undergrowth, short shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

West, bet. secs. 4 and 33.

Over rolling bench land through scattered short undergrowth.

22.40 Wash, 10 lks. wide, 6 ft. deep, drains S. 75° E.

30.80 Wash, 40 lks. wide, 10 ft. deep, drains S. 20° E., 2.00 chs. dist., thence E.

40.00 On rolling bench land.

SOUTH BOUNDARY, T. 23 S., R. 6 E.

Chains

oriented

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

$\frac{833}{84}$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

46.40 Base of abrupt ascent over ledgy SE. face of high point of mesa, bears NE. and SW.

60.00 Top of high point of mesa, 445 ft. above the $\frac{1}{4}$ sec. cor., projects S.; descend abrupt W. slope over ledges.

79.80 Draw in cove of mesa to the N., 430 ft. below point of mesa, drains S., 4.00 chs. dist., thence E.; ascend abrupt ledgy SE. slope.

80.00 On ledgy SE. slope, 10 ft. above bottom of draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 4, 5, 32, and 33, with brass cap marked

T23S	R6E
S32	S33

85	84
T24S	

1937

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

Land, E. portion of mile is rolling bench land; west portion of mile is high ledgy point of mesa. Sandstone and shale formation.

Soil, shallow and deep blue clay; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

West, bet. secs. 5 and 32.

Ascend abrupt ledgy SE. slope of high mesa land, through scattered short undergrowth.

16.10 An outcropping of coal, bears NE. and SW.

20.00 On broken rough SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the E. $\frac{1}{16}$ sec. cor. secs. 5, and 32, with brass cap marked

E $\frac{1}{16}$ $\frac{832}{85}$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

SOUTH BOUNDARY, T. 23 S., R. 6 E.

Chains

28.00 Top of E. rim of high mesa, 420 ft. above the sec. cor., bears N. 30° E. and S. 30° W.; thence over broken mesa land, through patches of dense timber.

35.00 Begin gradual descent over NW. slope, bears N. 30° E. and S. 30° W.

40.00 On gradual NW. slope, 20 ft. below rim of mesa; mark a cross (X), on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for $\frac{1}{16}$ sec. cor., with brass cap marked

S32

$\frac{1}{16}$ S5

1937

from which

A juniper, 5 ins. diam., bears N. 12° E., 58 lks. dist., marked $\frac{1}{16}$ S32 BT.

A pinon, 5 ins. diam., bears S. 33°30' W., 77 lks. dist., marked $\frac{1}{16}$ S5 BT.

60.00 On gradual NW. slope.

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 the W. $\frac{1}{16}$ sec. cor. secs. 5 and 32, with brass cap marked.

W $\frac{1}{16}$ $\frac{S32}{S5}$

1937

from which

A pinon, 20 ins. diam., bears N. 0°30' E., 290 lks. dist., marked W $\frac{1}{16}$ S32 BT.

A pinon, 12 ins. diam., bears S. 32°15' W., 193 lks. dist., marked W $\frac{1}{16}$ S5 BT.

70.60 Shallow draw, 10 ft. deep, drains N. 15° E.

80.00 On gradual NW. slope of surface rock, 40 ft. below the $\frac{1}{16}$ sec. cor., 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. secs. 5, 6, 31, and 32, with brass cap marked.

T238	R6E
S31	S32

S6	S5
T24S	

1937

from which

A juniper, 12 ins. diam., bears N. 48°15' E., 67 lks. dist., marked T238 R6E S32 BT.

A pinon, 10 ins. diam., bears S. 65°15' E., 135 lks. dist., marked T24S R6E S5 BT.

SOUTH BOUNDARY, T. 23 S., R. 6 E.

Chains

arlsado

A pinon, 8 ins. diam., bears S. 39°45' W., 64 lks. dist., marked T24S R6E S6 BT.

A pinon, 10 ins. diam., bears N. 34°15' W., 84 lks. dist., marked T23S R6E S31 BT.

Land, broken, with a general southeasterly and northwesterly exposure and drainage. Sandstone formation.

Undergrowth, shadscale, sagebrush, greasewood, and weeds.

Timber, juniper and pinon on W. portion of mile.

Fair grazing land.

West, bet. secs. 6 and 31.

Descend gradual NW. slope of rolling mesa land, through dense timber and scattered undergrowth.

22.50 Draw, 30 ft. deep, drains N.

37.20 Enter bottom of wide open draw, bears N. 20° W. and S. 20° W.

38.30 Wash, 10 lks. wide, 3 ft. deep, in draw, drains NW.

40.00 On rolling land, 150 ft. ft. below 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

$$\frac{1}{4} \frac{S31}{S6}$$

1937

from which

A pinon, 8 ins. diam., bears N. 28°30' E., 297 lks. dist., marked $\frac{1}{4}$ S31 BT.

A pinon, 6 ins. diam., bears S. 25°30' E., 177 lks. dist., marked $\frac{1}{4}$ S6 BT.

83.17 The cor. of Ts. 23 and 24 S., Rs. 5 and 6 E., 30 ft. below the $\frac{1}{4}$ sec. cor., heretofore described.

Land, rolling, with a general northwesterly exposure and drainage. Sandstone formation.

Soil, deep and shallow sand and clay; 4th rate.

Undergrowth, short sagebrush, shadscale, greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

PORTION OF THE EAST BOUNDARY, T. 23 S., R. 6 E.

From the cor. Ts. 23 and 24 S., Rs. 6 and 7 E., heretofore described.

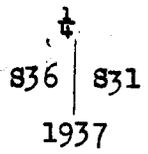
North, bet. secs. 31 and 36.

On chains

Ascend gradually over rocky S. slope of broken clay hills through scattered short undergrowth.

- 2.60 Clay spur, 40 ft. above cor., slopes SW.; descend gradually over broken NW. slope.
- 16.90 Gulch, 40 ft. deep, drains NE.; continue descent.
- 32.60 Gulch, 110 ft. below clay spur, drains NE.; continue descent along NE. slope.
- 40.00 On broken NE. slope, 120 ft. below clay spur.

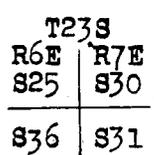
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



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

- 47.00 Bottom of gulch, 20 ft. below the $\frac{1}{4}$ sec. cor., drains S. 60° E.; ascend abrupt E. slope.
- 56.00 Spur, 160 ft. above gulch, slopes N. 70° E.; descend NW. slope.
- 70.40 Gulch, 140 ft. below spur, drains N. 70° W.; ascend steep SW. slope.
- 80.00 On abrupt SW. slope, 80 ft. above gulch.

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. secs. 25, 30, 31, and 36, with brass cap marked



deposit a sandstone, 12 x 10 x 10 ins., at base of post, marked X.

Land, rough and broken with a general northeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and sand with a rocky surface; 4th rate.

Undergrowth, shadscale, greasewood, mountain rush, yellow top, and weeds.

No timber.

Poor grazing land.

North, bet. secs. 25 and 30.

Ascend abrupt SW. slope of rough broken land, through scattered short undergrowth.

- 1.30 Spur, 60 ft. above cor., slopes W.; descend broken NW. slope.

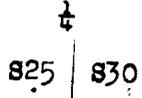
PORTION OF THE EAST BOUNDARY, T32S, R. 6 E.

Chains

81111111

- 12.30 Gulch, 80 ft. below spur, drains N. 30° E.
- 16.60 Recross gulch, drains N. 20° W.
- 19.20 Recross gulch, drains NE.; continue descent.
- 30.70 Gulch, 80 ft. below spur, drains E.; ascend gradually over broken SE. slope.
- 32.70 Spur, 100 ft. above gulch, projects SE.; descend gradual N. slope.
- 40.00 On broken N. slope, 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



1937

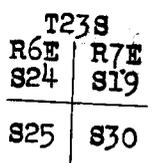
from which

A pinon, 6 ins. diam., bears S. 26°30' E., 392 lks. dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 10 ins. diam., bears S. 9° W., 236 lks. dist., marked $\frac{1}{4}$ S25 BT.

- 41.30 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; thence descend gradual NW. slope.
- 49.30 Sandstone rim, faces NW. and bears N. 80° E. and S. 80° W.; descend abrupt ledgy N. slope.
- 53.90 Spur, 70 ft. below gulch, projects N. 80° E.; descend abrupt NE. slope.
- 58.80 Gulch, 70 ft. below spur, drains E.; ascend steep S. slope.
- 65.60 Ascent becomes gradual, bears E. and W.
- 68.60 Sandstone rim 250 ft. above gulch, bears NW. and SE.; thence over rolling bench land.
- 80.00 On rolling bench land.

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, for cor. secs. 19, 24, 25, and 30, with brass cap marked



1937

deposit a sandstone, 12 x 10 x 10 ins., at base of post, marked X.

Land, broken clay and sandstone rims with a general northeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and sand with a rocky surface; 4th rate.

PORTION OF THE EAST BOUNDARY, T. 23 S., R. 6 E.

Chains

Undergrowth, short shadscale, greasewood, yellow top, and weeds.

Timber, a few scattered scrub juniper and pinon on central portion of mile.

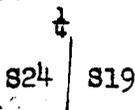
Poor grazing land.

North, bet. secs. 19 and 24.

Over rolling top of bench land, through scattered short undergrowth.

40.00 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



1937

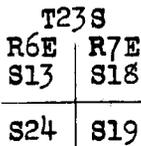
raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

77.80 Top of the SW. breaks of the Muddy River, bears NW. and SE.; descend abrupt ledgy NE. slope.

81.50 The cor. secs. 13, 18, 19, and 24, a sandstone, 20 x 20 x 20 ins., firmly set, marked 3 notches on N. and S. edges. Cor. has no accessories.

At the cor. point, on broken NE. slope, 160 ft. below top of breaks, near the SW. edge of the bottom lands of the Muddy River.

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 post, for cor. secs. 13, 18, 19, and 24, with brass cap marked



1937

from which

A cottonwood, 12 ins. diam., bears N. 44°15' E., 76 lks. dist., marked T23S R7E S18 BT.

A cottonwood, 16 ins. diam., bears N. 48°30' W., 271 lks. dist., marked T23S R6E S13 BT.

No other suitable bearing trees available.

Land, rolling top of bench.

Soil, shallow loose sand under layed with sandstone bedrock; 4th rate.

Undergrowth, short sagebrush, shadscale, yellow top, and Weeds.

No timber. Poor grazing land.

Chains

511380

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1881.

Random Lines.

June 25, 1937; at the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the township, heretofore described, in approximate latitude $38^{\circ}48'$ N., longitude $111^{\circ}18'$ W., at Oh 36.9m p.m. local mean 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 position, reading the horizontal deflection angle from a tree on the sky line about 12 miles north, in the direction west to Polaris.

Watch time of observation (correct
105th Meridian Standard Time..... 1h 02.1m p.m.

Azimuth of Polaris..... $1^{\circ} 18.2'$ W.

Mean horizontal angle tree to Polaris..... $1^{\circ} 18.2'$ W.

True bearing to tree..... North.

Thence, from the above cor.

East, on random line, bet. secs. 18 and 19.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 18 and 19.

80.00 Find no trace of the cor. secs. 17, 18, 19, and 20. Set temp. cor.

Continue on same line with continuous measurement.

120.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 17 and 20.

162.40 Fall 19 lks. S. of the cor. secs. 16, 17, 20, and 21, hereinafter described.

From the temp. cor. secs. 17, 18, 19, and 20.

North, bet. secs. 17 and 18.

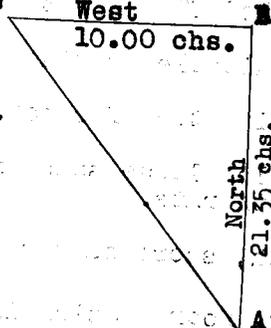
36.60 Leave flag at top of S. rim of Ivy Creek.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 17 and 18.

The inaccessible breaks of Ivy Creek make chaining to the north of this point impracticable, I therefore determine the distance across breaks as follows by triangulation.

Designate the flag at the 36.60 chs. point A, and erect flag B on line to the N. From B, survey base line BC, West, 10.00 chs. dist. From C, line AB subtends an angle of $64^{\circ}54'$. From A, line BC subtends an angle of $25^{\circ}06'$. No difference in elevation bet. flags A and B.

C $64^{\circ}54'$ West B $90^{\circ}00'$
10.00 chs.



21.35 chs.

A $25^{\circ}06'$

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 S., R. 6 E.

Chains

Distance on line..... 36.60' chs.
 Distance by triangulation.. 21.35 chs.
 57.95 chs.

57.95 To point B of triangulation.

80.45 Fall 32 lks. W. of the cor. secs. 7, 8, 17, and 18, a sandstone, 20 x 14 x 6 ins., firmly set, marked 4 notches on S. edge and 5 notches on E. edge. Cor. has no accessories. I raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Therefore, at a point 1.20 chs. E. and 45 lks. N. of the temporary cor. secs. 17, 18, 19, and 20, I set the cor. of said secs. as hereinafter shown.

The course of the line bet. secs. 18 and 19, therefore is, N. 89°41' E., and the proportionate distance of each half mile is 40.60 chs.

The course of the line bet. secs. 17 and 20, therefore is, S. 89°49' E., and the proportionate distance of each half mile is 40.60 chs.

The course of the line bet. secs. 17 and 18, is N. 0°38' W., and the distance is 80.00 chs.

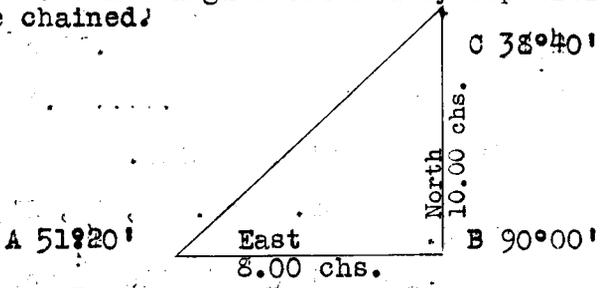
Reestablishment of surveys executed by
 A.D. Ferron, U.S. Deputy Surveyor,
 in 1908 and 1909.

Random Lines.

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

East, on random line, bet. secs. 16 and 21.

7.00 Vertical sandstone rim of mesa over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at this point and flag B on line E. From B, survey base line BC, North, 10.00 chs. dist. From C, line AB subtends an angle of 38°40'. From A, line BC subtends an angle of 51°20'. Vertical angle from A to B is minus 33°40'. All angles checked by repetition and base line double chained!



Distance on line..... 7.00 chs.
 Distance by triangulation... 8.00 chs.
 15.00 chs.

15.00 To point B. of triangulation.

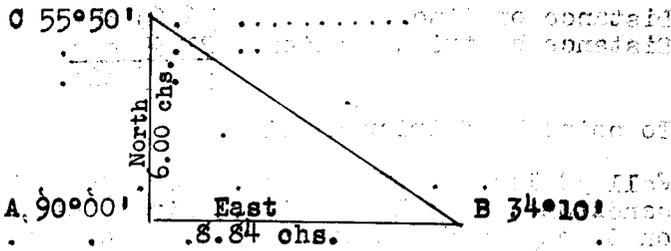
30.66 Leave flag point for triangulation.

34.00 Base of inaccessible NE. point of mesa over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at the 30.66 chs. point and flag B on line to the E. From A, survey base line AC, North, 6.00 chs. dist. From C, line AB subtends an angle of 55°50'. From B, line AC subtends an angle of 34°10'. All angles checked by repetition, and base line double chained. Vertical angle from A to B is plus 25°37'.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 S., R. 6 E.

Chains

arindc



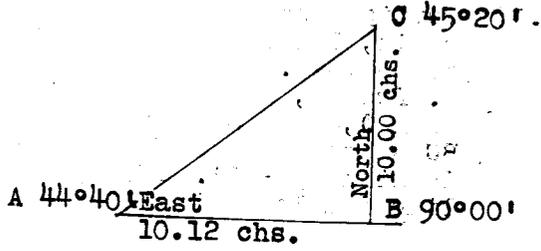
Distance on line.....30.66 chs.
 Distance by triangulation..... 8.84 chs.
 39.50 chs.

39.50 To point B of triangulation.
 40.07 Fall 13 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 16 and 21, hereinafter described.

The course of this half mile therefore is, E. $89^{\circ}49'$ E., and the distance is 40.07 chs.

From the $\frac{1}{4}$ sec. cor.
 East, with new measurement.

The line to the E. of the $\frac{1}{4}$ sec. cor., descends the abrupt inaccessible breaks of point of mesa over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at the $\frac{1}{4}$ sec. cor. and flag B on line E. From B, survey base line BC, North, 10.00 chs. dist. From C, line AB subtends an angle of $44^{\circ}40'$. Vertical angle from A to B is minus $23^{\circ}58'$. All angles checked by repetition and base line double chained.



Distance by triangulation.....10.12 chs.

10.12 To point B of triangulation.
 40.37 Intersect the cor. secs. 15, 16, 21, and 22, hereinafter described.

The course of this half mile therefore is, East, and the distance is 40.37 chs.

East, bet. secs. 15 and 22.

40.00 Fall 4 lks. S. of the $\frac{1}{4}$ sec. cor. secs. 15 and 22, hereinafter described.

The course of this half mile therefore is, N. $89^{\circ}57'$ E., and the distance is 40.00 chs.

From the $\frac{1}{4}$ sec. cor.
 East, with new measurement.

CHAINS

40.15 Fall 6 lks. S. of the cor. secs. 14, 15, 22, and 23, hereinafter described.

The course of this half mile therefore is, N. 89°55' E., and the distance is 40.15 chs.

East, bet. secs. 14 and 23.

35.11 Fall 7 lks. S. of the witness cor. to the $\frac{1}{4}$ sec. cor. secs. 14 and 23, hereinafter described.

The course of this line therefore is, N. 89°53' E., and the distance is 35.11 chs.

From the witness cor. to the $\frac{1}{4}$ sec. cor.

East, with new measurement.

45.17 Fall 9 lks. S. of the cor. secs. 13, 14, 23, and 24, hereinafter described.

The course of this line therefore is, N. 89°53' E., and the distance is 45.17 chs.

East, bet. secs. 13 and 24.

40.25 Fall 7 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 13 and 24, hereinafter described.

The course of this half mile therefore is, S. 89°54' E., and the distance is 40.25 chs.

From the $\frac{1}{4}$ sec. cor.

East, with new measurement.

40.15 Fall 33 lks. N. of the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the township, heretofore described.

The course of this half mile therefore is, S. 89°32' E., and the distance is 40.15 chs.

True Lines.

From the cor. secs. 13, 18, 19, and 24, on the W. bdy. of the township, heretofore described.

N. 89°41' E., along the S. bdy. sec. 18.

Ascend abrupt NW. slope of high bench point, through scattered scrub timber and undergrowth.

1.00 Top of rim of point of bench, 25 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradual SE. slope of rolling bench land.

37.20 Unimproved road, bears N. 35° E. to Utah State Highway No. 10, and S. 35° W. to the Dog Valley Coal Mine.

40.60 Proportionate point; on broken SE. slope, 130 ft. below point of bench.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the

Chains

ground to solid rock and in a large mound of stone to top for the restored $\frac{1}{4}$ sec. cor. sec. 18, with brass cap mark

$\frac{1}{4}$ S18

1937

deposit a trachyte, 12 x 12 x 10 ins., at base of post, marked X.

No bearing trees available.

43.43

Point which is a westing of 40.00 chs. from the closing cor. secs. 19 and 20.

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. 19, with brass cap marked

$\frac{1}{4}$ S19

1937

from which

A juniper, 10 ins. diam., bears S. 29°15' W., 88 lks. dist., marked $\frac{1}{4}$ S19 BT.

No other bearing tree available.

54.50

Draw, 65 ft. below the $\frac{1}{4}$ sec. cor. sec. 18, drains N.; ascend gradual SW. slope.

69.80

Small draw, drains S. 50° W.; continue ascent.

81.20

Proportionate point; on gradual SW. slope, 100 ft. above the draw at the 54.50 chs. point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 17 and 18, with brass cap marked

T238	R6E
S18	S17

S19

1937

of stone, 3 ft. base, 2 ft. high, N. of cor. raise a mound

No suitable bearing trees available.

Land, rolling with a general northeasterly and southwesterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow sand and gravel, with a rocky surface; 4th rate.

Undergrowth, sage, rabbit, and bitter brush, greasewood, yellow top, and weeds.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

Chains

S. 89°49' E. along the S. bdy. sec. 17.
Ascend gradual SW. slope of rolling bench land, through scattered timber and undergrowth.

- 1.80 Slope changes from a gradual SW. slope to a gradual NW. slope.
- 2.23 The closing cor. secs. 19 and 20, subsequently set at this point.
- 31.60 Leave timber, bears NE. and SE.
- 40.60 Proportionate point; on gradual NW. slope, 60 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. sec. 17, with brass cap marked

$\frac{1}{4}$ S17

1937

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

- 42.24 Point midway bet. the closing cors. of secs. 19 and 20, and secs. 20 and 21.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 20, with brass cap marked

$\frac{1}{4}$ S20

1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

- 46.00 Top of ascent on bench, 30 ft. above the $\frac{1}{4}$ sec. cor. sec. 17, bears N. 30° W. and S.; descend gradual E. slope.

- 61.40 Descent becomes abrupt, bears N. and S.

- 66.00 Draw, 110 ft. below top of ascent, drains N.; ascend steep NW. slope.

- 75.00 Spur, 80 ft. above draw, projects N. 30° W.; descend gradual NE. slope.

- 81.20 The cor. originally for secs. 16, 17, 20, and 21, a hard red sandstone, 24 x 10 x 4 ins. firmly set in a large mound of stone, marked 4 notches on E. edge and 3 notches on S. edge.

At the cor. point; on NE. slope, 40 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 post, for cor. secs. 16 and 17, with brass cap marked

T23S	R6E
<u>S17</u>	<u>S16</u>

S20

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 S., R. 6 E.

Chains

Land, rolling, with a general northeasterly and westerly exposure and drainage. Sandstone formation.

Soil, shallow and deep loose sand; 4th rate.

Undergrowth, short sagebrush, shadscale, greasewood, and weeds.

Timber, juniper and pinon on portion of mile.

Fair grazing land.

S. 89°49' E., along the S. bdy. sec. 16.

Descend broken NE. slope of high bench land to the W., through scattered undergrowth.

1.04 The closing cor. secs. 20 and 21, subsequently set at this point.

7.00 Top of vertical sandstone rim of high bench land to the W., bears NW., and SE., 1.50 chs. dist. to sharp point of spur; thence by triangulation over steep inaccessible breaks facing E.

15.00 Draw, 350 ft. below cor. secs. 16 and 17, drains N. 15° E. about 20 chains dist. to Ivy Creek; thence over nearly level greasewood flat.

28.00 Leave greasewood flat and ascend steep NW. breaks of point of mesa, bears NE. and SW.

34.00 Base of inaccessible rim of mesa, bears NE. and SW.; thence by triangulation.

39.50 Top of high sharp NE. point of mesa, 350 ft. above draw, projects NE., about 1.50 chs. dist. to a vertical rim; descend steep ledgy E. slope.

40.07 The $\frac{1}{4}$ sec. cor. originally set for secs. 16 and 21, a sandstone, 18 x 7 x 3 ins., firmly set in a large mound of stone, marked $\frac{1}{4}$ on N. face.

At the cor. point; on steep E. slope, 30 ft. below point of mesa.

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 post, for $\frac{1}{4}$ sec. cor. sec. 16, with brass cap marked

$\frac{1}{4}$ S16

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

Thence:

East, with continuous measurement.

40.99 Point midway bet. the closing cor. secs. 20 and 21, and the closing cor. secs. 21 and 22.

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 $\frac{1}{4}$ sec. cor. sec. 21, with brass cap marked

DEPENDENT RESERVE PORTION SUBDIVISION, T. 23 S., R. 6 E.

CHAINS

† S21

1937.

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Thence descend abrupt inaccessible breaks of mesa, by triangulation from the † sec. cor. sec. 16.

51.10 Base of breaks of mesa, 300 ft. below the † sec. cor. sec. 16, bears N. and S.; thence over broken clay hills.

72.00 Spur, 110 ft. high, projects NE. from mesa; descend steep E. slope.

80.44 The cor. originally set for secs. 15, 16, 21, and 22, a sandstone, 10 x 10 x 10 ins., firmly set, marked 3 notches on E. and S. edges. Cor. has no accessories.

At the cor. point; in cor. of fence line, bearing N. and SW., 80 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 post, for cor. secs. 15 and 16, with brass cap marked

T23S	R6E
S16	S15

S21

1937

No other suitable accessories available.

Land, broken breaks of high mesa to the SW., with a general northeasterly exposure and drainage into Ivy Creek. Sandstone and blue shale formation.

Soil, shallow blue clay and rock; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

N. 89°57' E., along the S. bdy. sec. 15.

Ascend gradual SW. slope of broken clay hills, through scattered undergrowth.

0.51 The closing cor. of secs. 21 and 22, subsequently set at this point.

6.30 Top of agent on steep S. slope of blue shale peak, 55 ft. above cor., slopes S. and bears N., 1.50 chs. to top of peak; descend gradual SE. slope.

21.20 Wash, 60 lks. wide, 15 ft. deep, drains N.

40.00 The cor. set originally for the † sec. cor. secs. 15 and 22, a sandstone, 12 x 6 x 6 ins., firmly set, marked † on N. face. Cor. has no accessories.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 N., R. 6 E.

Chains

At the cor. point; on nearly level clay flat.

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 post, for $\frac{1}{4}$ sec. cor. sec. 15, with brass cap marked

$\frac{1}{4}$ S15

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence:

N. 89°55' E., with continuous measurement.

40.51 Point midway bet. the closing cors. of secs. 21 and 22, and secs. 22 and 23.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 22, with brass cap marked

$\frac{1}{4}$ S22

1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

43.40 Clay spur, 80 ft. above the $\frac{1}{4}$ sec. cor. sec. 15, projects N.; descend steep NE. slope.

50.60 Draw, 70 ft. below spur, drains N.; ascend steep W. slope.

56.00 Spur, 90 ft. above draw, projects N. 15° W.; descend steep E. slope.

61.00 Enter W. side of blue clay flat, 90 ft. below spur, bears N. and S.

80.15 The cor. originally set for secs. 14, 15, 22, and 23, a sandstone, 14 x 10 x 4 ins., firmly set, marked 2 notches on E. edge and 3 notches on S. edge. Cor. has no accessories.

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 post, for cor. secs. 14 and 15, with brass cap marked

T23S | R6E
S15 | S14

S22

1937

No other suitable accessories available.

Land, broken and rolling clay hills and flats, with a general northerly exposure and drainage into Ivy Creek. Blue shale formation.

Soil, deep blue clay; 4th rate.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 S., R. 6 E.

CHAINS

- Undergrowth, scattered shadscale and weeds.
 - No timber.
 - Poor grazing land.

 - N. 89°53' E., along the S. bdy. sec. 14.
 - Over nearly level clay flat, through very scattered short undergrowth.
 - 0.36 The closing cor. secs. 22 and 23, subsequently set at this point.
 - 6.00 Leave clay flat and ascend broken steep W. slope, bears N. 15° E. and S. 15° W.
 - 9.70 Top of ascent on S. slope of blue shale peak, 80 ft. above clay flat, slopes S., and bears N., 50 lks. dist. to top of peak; descend abrupt SE. slope.
 - 12.90 Draw, 80 ft. below top of ascent, drains N. 15° W.; ascend gradual NW. slope.
 - 22:80 Top of ascent, 30 ft. above draw, bears N. 20° W. and S.; descend gradual NE. slope.
 - 28.50 Wash, 30 lks. wide, 6 ft. deep, drains N. 30° E.
 - 32.40 Draw, 20 ft. deep, drains N.; ascend gradual W. slope.
 - 35.11 The witness cor. to the $\frac{1}{4}$ sec. cor. originally for secs. 14 and 23, a sandstone, 12 x 8 x 6 ins., loosely set, marked $\frac{1}{4}$ WC on N. face. Cor. has no accessories.
- At the cor. point; at the base of abrupt ascent over nearly inaccessible W. slope of sharp shale spur.
- 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 post, for witness cor. to the $\frac{1}{4}$ sec. cor. sec. 14, and also for the $\frac{1}{4}$ sec. cor. sec. 23, with brass cap marked
- S14
 $\frac{1}{4}$ ——— WC
 S23

1937
- raise a
- mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Continue on same line with continuous measurement.
- 40.095 True point for the $\frac{1}{4}$ sec. cor. secs. 14, falls on sharp clay spur, 100 ft. above the witness cor., projects N. 20° E., where it is impracticable to set a cor.; descend abrupt E. breaks of spur.
 - 40.32 True point for the $\frac{1}{4}$ sec. cor. sec. 23, falls on steep E. face of shale breaks where it is impracticable to set a cor.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 S., R. 6 E.

Chains

51.00 Base of descent, 120 ft. below top of spur, bears NE. and SW.; thence over rolling clay hills.

74.00 Draw, 10 ft. deep, drains NE.

80.28 The cor. secs. 13, 14, 23, and 24, a sandstone, 20 x 10 x 8 ins., firmly set in the ground and mound of stone, marked 1 notch on E. edge and 3 notches on S. edge. Cor. has no accessories.

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 post, for cor. secs. 13, 14, 23, and 24, with brass cap marked

T23S	R6E
S14	S13
S23	S24

1937

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

Land, rolling and broken, with a general northeasterly exposure and drainage. Blue shale formation.

Soil, shallow and deep blue clay; 4th rate.

Undergrowth, short shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

S. 89°54' E., bet. secs. 13 and 24.

Over rolling blue clay hills through scattered short undergrowth.

6.20 Dim road, bears N. and S.

26.70 Wash, 75 lks. wide, 4 ft. deep, drains NE.

40.25 The $\frac{1}{4}$ sec. cor. secs. 13 and 24, a sandstone, 20 x 16 x 10 ins., firmly set in the ground and mound of stone. 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. secs. 13 and 24, with brass cap marked

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

1937

No other accessories available.

Thence:

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 S., R. 6 E.

Chains

S. 89°32' E.; with continuous measurement.

50.00 Draw, 25 ft. deep, drains N. 35° E.; ascend gradual W. slope.

57.00 Spur, 90 ft. above draw, projects N.; thence along broken SW. breaks of the Muddy River.

80.40 The cor. secs. 13, 18, 19, and 24, on the E. bdy. of the township, 120 ft. below spur, heretofore described.

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay with a rocky surface; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

SUBDIVISION OF A PORTION T. 23 S., R. 6 E.

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

N. 0°01' W., bet. secs. 35 and 36.

Ascend gradual SE. slope of broken foot hills of a high mesa to the NW., through scattered scrub timber and short undergrowth.

10.50 Base of abrupt ascent over SE. slope of sandstone ledges, bears NE. and SW.

15.00 Top of rim of high bench, 160 ft. above cor., bears NE. and SW.; descend gradual N. slope.

38.50 Head of gulch, 30 ft. deep, drains S. 60° E.

40.00 On broken SE. slope, 40 ft. below rim of bench; mark a cross (X) on the 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

835 | 836

1937

No suitable bearing trees available.

46.00 Begin gradual descent over NE. slope of blue clay hills, bears NW. and SE.

57.50 Draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains N. 75° E.; ascend gradual SE. slope.

69.90 Dim road, bears N. 30° E. and S. 30° W.

80.00 On broken SE. slope, 30 ft. above draw.

SUBDIVISION OF A PORTION T. 23 S., R. 42 E., S. 4

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground; for cor. secs. 25, 26, 35, and 36, with brass cap marked

T23S	R6E
S26	S25
S35	S36

1937

from which

A pinon, 5 ins. diam., bears S. 69°30' W., 107 lks. dist., marked T23S R6E S35 BT.

No other bearing trees available.

Land, broken with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and sand with a rocky surface; 4th rate.

Undergrowth, shadscale, greasewood, black brush, and weeds.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

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

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

79.96 Intersect the E. bdy. of the township, 9 lks. N. of the cor. secs. 25, 30, 31, and 36, heretofore described.

Thence:

N. 89°56' W., on true line, bet. secs. 25 and 36.

Descend steep W. slope of sandstone and shale breaks, through scattered timber and undergrowth.

4.00 Gulch, 60 ft. below cor., drains N.; ascend steep E. slope.

10.00 Top of sandstone bench and E. rim of broken bench land, 70 ft. above gulch, bears N. and S.; thence over broken bench land.

33.00 Base of abrupt ascent over E. slope of high bench land to the W., bears N. and S.

37.30 Top of E. rim of bench, bears N. and S.

39.98 On broken bench land, 230 ft. above gulch.

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

$\frac{1}{4}$	S25
	S36

1937

from which

A pinon, 6 ins. diam., bears N. 79°15' W., 257 lks. dist., marked $\frac{1}{4}$ S25 BT.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

811117

No other suitable bearing trees available.

67.60 Draw, 20 ft. deep, drains N. 30° E.

76.80 Dim road, bears N. and S. 20° W.

79.96 The cor. of secs. 25, 26, 35, and 36, 80 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay and sand, with a rocky surface; 4th rate.

Undergrowth, scattered shadscale, black brush, greasewood, and weeds.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 25 and 26.

Along broken foot hills of a high mesa to the W., through scattered short undergrowth.

21.60 Draw, 20 ft. deep, drains N. 30° E.

32.40 Draw, 80 ft. below sec. cor., drains SE.; ascend gradually along steep broken E. slope.

36.30 Spur, 60 ft. above draw, projects E.; descend steep NE. slope.

40.00 In bottom of draw, 40 ft. below spur, drains E.

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

826 | 825

1937

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

Ascend steep SE. slope.

49.20 Spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend broken abrupt NE. slope.

53.40 Gulch, 50 ft. deep, drains NE.; continue descent.

65.50 Dim road, bears NW. and SE.

67.20 Large main draw, 150 ft. below spur, drains E.; ascend steep SW. slope.

69.60 Recross road, bears bears E. and W.

77.70 Spur, 100 ft. above draw, slopes E.; descend steep N. slope.

80.00 On steep N. slope, 60 ft. below spur.

SUBDIVISION OF A PORTION, T. 23 S. R. 26 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in ground, for cor. secs. 23, 24, 25, and 26, with brass cap marked

T238	R6E	ASCR MID
S23	S24	
S26	S25	

1937

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

Land, broken foot hills of a high mesa to the W. with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, short greasewood, shadscale, mountain rush, black brush, yellow top, and weeds.

No timber.

Fair grazing land.

S. 89°56' E., on random line, bet. secs. 24 and 25.

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

79.86 Intersect the E. bdy. of the township, 9 lks. S. of the cor. secs. 24 and 25.

Thence:

West, on true line, bet. secs. 24 and 25.

Over rolling top of bench land, through scattered short undergrowth.

12.00 Top of SW. rim of bench, bears SE. and N. 85° W.; thence along broken SW. slope.

39.93 On broken ledgy SW. slope, 150 ft. below rim of bench.

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

S24

S25

1937

from which

A pinon, 6 ins. diam., bears N. 33°45' W., 74 lks. dist., marked $\frac{1}{4}$ S24 BT.

No other bearing tree available.

44.00 Bottom of gulch rimmed with sandstone ledges, 50 ft. deep, drains SE., about 6.00 chs. dist. to main draw draining easterly, ascend abruptly.

. SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

47.00 Sandstone rim, 50 ft. above gulch, faces NE. and bears NW. and SE.; thence over broken bench land.

73.50 Dim road, bears N. and S.

79.86 The cor. secs. 23, 24, 25, and 26.

Land, broken and rolling, with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, short black brush, shadscale, greasewood, yellow top, and weeds.

Timber, a few scattered scrub juniper and pinon on central portion of mile.

Fair grazing land.

N. 0°01' W., on random line, bet. secs. 23 and 24.

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

81.88 Fall 30 lks. E. of the cor. secs. 13, 14, 23, and 24, heretofore described.

Thence:

S. 0°14' E., on true line, bet. secs. 23 and 24.

Ascend gradually over NE. slope of rolling bench land, through scattered short undergrowth.

11.20 Dim road, bears N. 30° E. and S. 30° W.

21.40 Shallow draw, 15 ft. deep, drains E.

26.60 Recross road, bears NW. and S. 25° E.

41.88 On blue clay flat, 80 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

$\frac{1}{4}$
 S23 | S24

1937

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

47.00 The NE. point of a sharp blue shale spur, 30 ft. high.

62.70 Shallow draw, 15 ft. deep, drains E.

67.40 Base of broken NE. slope of a high mesa to the SW., bears NW. and SE.

72.60 Spur, 60 ft. above the $\frac{1}{4}$ sec. cor., projects E.; descend abrupt SE. slope.

78.20 Draw, 60 ft. below spur, drains E.; ascend gradual N. slope.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

Page 10

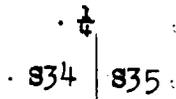
31.88 The cor. secs. 23, 24, 25, and 26, 55 ft. above draw,
 Land, rolling and broken, with a general easterly and
 northeasterly exposure and drainage. Sandstone and blue
 shale formation.
 Soil, shallow blue clay, with a rocky surface; 4th rate.
 Undergrowth, short shadscale, black brush, yellow top,
 and weeds.
 No timber.
 Poor grazing land.

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

N. 0°01' W., bet. secs. 34 and 35.

Ascend gradually over broken S. breaks of a high mesa to
 the N., through scattered short undergrowth.

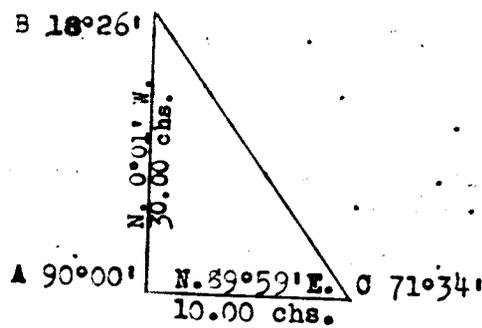
- 10.40 Wash, 30 lks. wide, 4 ft. deep, drains SW.
- 22.90 Spur, 60 ft. high, projects W., 5.00 chs. dist. to end;
 descend steep N. slope.
- 39.00 Draw, 60 ft. below spur, drains SW., and heads N. 30° E.,
 about 10.00 chs. dist.; ascend abrupt E. slope.
- 40.00 On steep E. slope, 20 ft. above draw.
 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.



1937

deposit a sandstone, 10 x 10 x 3 ins., at base of post, marked X.

The line to the N. of this cor., ascends the steep ledgy
 S. breaks of a high mesa, rimmed with a vertical sandstone
 ledge, over which I am unable to chain, I therefore
 determine the distance to top of mesa by triangulation as
 follows. Erect flag A at the $\frac{1}{4}$ sec. cor., and flag B. on
 top of the S. rim of mesa. From A, survey base line AC,
 N. 89°59' E., 10.00 chs. dist. From C, line AB subtends
 an angle of 71°34'. From B, line AC subtends an angle of
 18°26'. Vertical angle from A to B is plus 22°. All angles
 checked by repetition and base line double chained.



SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

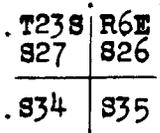
Chains

Distance on line..... 40.00 chs.
 Distance by triangulation 30.00 chs.
 70.00 chs.

70.00 To point B. of triangulation, 810 ft. above the $\frac{1}{4}$ sec. cor., at top of S. rim of mesa, bears NW. and S. 60° E.; thence over rolling surface rock on top of mesa, through scattered scrub timber.

80.00 On surface rock, 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. secs. 26, 27, 34, and 35, with brass cap marked



1937

from which

A pinon, 12 ins. diam., bears N. $69^\circ 45'$ E., 55 lks. dist., marked T23S R6E S26 BT.

No other suitable bearing trees available.

Land, broken top of S. breaks of a high mesa. Sandstone and shale formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, black brush, shadscale, yellow top, and weeds.

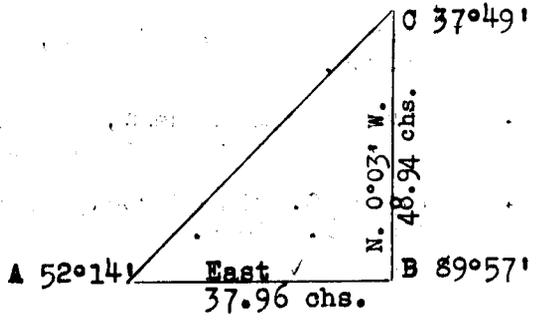
Timber, scattered scrub juniper and pinon on N. portion of mile.

Poor grazing land.

East, on random line, bet. secs. 26 and 35.

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

42.04 Top of vertical E. rim of mesa over which I am unable to chain, I therefore determine the distance to the cor. of secs. 25, 26, 35, and 36, by triangulation as follows. Erect flag A at the 42.04 chs. point, and flag B. at the cor. of secs. 25, 26, 35, and 36, which bears East from A. From B, survey base line BC, N. $0^\circ 03'$ W., 48.94 chs. dist. From C, line AB subtends an angle of $37^\circ 49'$. From A, line BC subtends an angle of $52^\circ 14'$. Vertical angle from A to B is minus $18^\circ 35'$. All angles checked by repetition.



SUBDIVISION OF A PORTION T. 25 S., R. 6 E.

501220

Chains

Distance on line..... 42.04 chs.
Distance by triangulation..... 37.96 chs.
80.00 chs.

80.00 To point B. of triangulation at the cor. secs. of secs. 25, 26, 35, and 36.

Thence:

West, on true line, bet. secs. 26 and 35.

Ascend steep ledgy general E. face of high mesa to the W. through scattered short undergrowth.

37.96 Top of vertical E. rim of mesa, 850 ft. above cor., bears N. 20° E. and S. 20° W.; thence over broken top of mesa through scattered timber and undergrowth.

40.00 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

826
835

1937

from which

A pinon, 8 ins. diam., bears S. 4° E., 57 lks. dist., marked 1/4 S35 BT.

A pinon, 8 ins. diam., bears N. 57°30' W., 90 lks. dist., marked 1/4 S26 BT.

Continue over broken top of mesa.

80.00 The cor. secs. 26, 27, 34, and 35.

Land, west portion of mile is rolling and broken top of mesa; E. portion is broken inaccessible E. breaks of mesa. Sandstone formation.

Soil, shallow loose sand and clay, with a rocky surface; 4th rate.

Undergrowth, short black brush, shadscale, greasewood, yellow top, and weeds.

Timber, scattered scrub juniper and pinon on W. portion of mile.

Fair grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Over broken top of mesa, through scattered timber and undergrowth.

18.00 Cove in rim of mesa, 75 ft. deep, bears NW. and SW.; continue over broken top of mesa.

37.40 Top of S. rim of rocky draw, bears E. and SW.; descend steep N. slope.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

40.00 In bottom of rocky draw, 40 ft. below top of S. rim, drains

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked



1937

from which

A pinon, 12 ins. diam., bears S. 2° W., 204 lks. dist., marked $\frac{1}{4}$ S27 BT.

No other suitable bearing tree available.

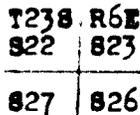
44.50 Top of N. rim of draw, 50 ft. above bottom, bears E. and SW.; ascend gradual S. slope.

59.90 Small draw, 20 ft. deep, drains SW.; continue ascent.

76.20 Sandstone ledge, 20 ft. high, bears E. and W. and faces S.

80.00 On high mesa land, mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 22, 23, 26, and 27, with brass cap marked



1937

from which

A pinon, 4 ins. diam., bears N. 49° E., 112 lks. dist., marked T23S R6E S23 BT.

A pinon, 5 ins. diam., bears S. 31° 15' E., 159 lks. dist., marked T23S R6E S26 BT.

No other suitable bearing trees available.

Land, broken top of a high mesa. Sandstone formation.

Soil, shallow loose sand and surface rock; 4th rate.

Undergrowth, black brush, greasewood, shadscale, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 23 and 26.

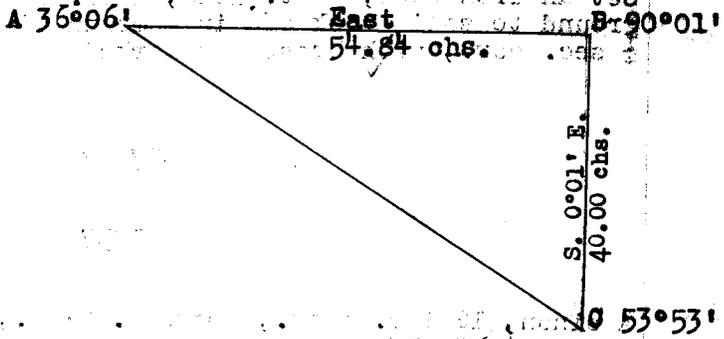
25.16 Top of E. breaks of mesa over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at this point, flag B at the cor. of secs. 23, 24, 25, and 26, which bears East from A. and flag C at the $\frac{1}{4}$ sec. cor. secs. 25 and 26. From C, line AB

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

51180

subtends an angle of $53^{\circ}53'$. From A, line BC subtends an angle of $36^{\circ}06'$. Vertical angle from A to B is 18° . All angles checked by repetition.



Distance on line.....25.16 chs.
 Distance by triangulation.....54.84 chs.
 80.00 chs.
 Distance by return measurement.. 32.33 chs.
 47.67 chs.

- 40.00 Point falls on inaccessible E. breaks of mesa.
- 47.67 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.
- 80.00 To point B of triangulation at the cor. secs. 23, 24, 25, and 26.

Thence:

West, on true line, bet. secs. 23 and 26.

Ascend abrupt ledgy E. breaks of high mesa to the W., through scattered undergrowth.

- 32.33 On top of high clay butte, 480 ft. above sec. cor. 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. 23 and 26, with brass cap marked

WO $\frac{1}{4}$ 823
 826

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence ascend abruptly over inaccessible E. face of ledges.

- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls on inaccessible E. breaks of mesa, where it is impracticable to set a cor.
- 54.84 To point A of triangulation at top of E. rim of mesa, 1175 ft. above sec. cor., bears N. 20° E. and S. 20° W.; thence over rolling top of mesa through scattered timber and undergrowth.
- 80.00 The cor. secs. 22, 23, 26, and 27, 80 ft. below top of E. rim of mesa.
 Land, rolling top of broken E. breaks of mesa. Sandstone and blue shale formation.

Chains.

Soil, shallow sand and blue clay, with a rocky surface; 4th rate.

Undergrowth, short black brush, shadscale, and weeds.

Timber, a few scattered scrub juniper on W. portion of mile.

Poor grazing land.

N. 0°14' W., on true line, bet. secs. 22 and 23.

Over broken top of high mesa, through scattered timber and undergrowth.

2.70 Shallow draw, 20 ft. deep, drains N. 80° W.

3.70 Top of rim of the NE. point of high mesa, faces NW. and bears N. 10° E. and S. 60° W.; leave timber, bears with rim of mesa; thence along broken NW. breaks of mesa near top of rim.

11.60 Top of abrupt descent over broken ledgy NW. slope, bears NE. and SW.

40.00 At head of draw, 560 ft. below rim of mesa, drains NE.

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

822 | 823

1937

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

Thence ascend abrupt broken SE. slope of spur.

47.00 Top of high shale spur, 115 ft. above the $\frac{1}{4}$ sec. cor., projects N. 20° E.; descend abrupt NW. slope over broken shale breaks.

60.00 Draw, 70 ft. deep, drains NW.; continue descent.

66.70 Base of breaks of mesa, 540 ft. below spur, bears E. and NW.; thence over blue clay flat.

81.72 Intersect the S. bdy. sec. 14.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 22 and 23, with brass cap marked

T23S R6E
814

822 | 823
00

1937

deposit a sandstone, 10 x 10 x 7 ins., at base of post, marked X.

No other suitable accessories available.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

From this cor., the cor. secs. 14 and 15, heretofore described, bears S. 89°53' W., 36 lks. dist.

Land, broken NW. breaks of a high mesa. Sandstone and blue shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

Timber, a few scattered scrub juniper and pinon on S. portion of mile.

Poor grazing land.

From the cor. secs. 3, 4, 33, and 34, on the S. bdy. of the township, heretofore described.

N. 0°02' W., bet. secs. 33 and 34.

Ascend gradually over broken S. slope of a high mesa to the N. through scattered short undergrowth.

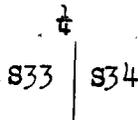
13.60 Rocky spur, 20 ft. high, projects E.

16.70 Draw, 25 ft. deep, drains S. 10° E.; ascend gradually along E. side of draw.

37.90 Rocky spur, 210 ft. above sec. cor., projects W.; 3.00 chs. dist. to end; descend steep N. slope.

40.00 On steep N. slope, 30 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



1937

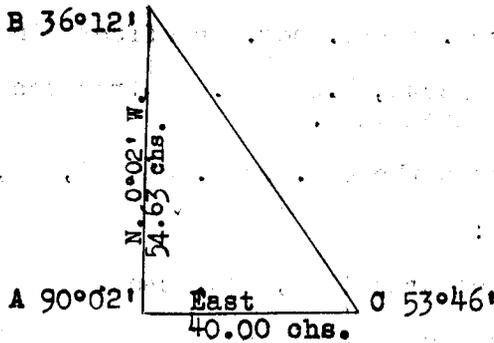
raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

41.00 Head of draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend steep SW. slope.

45.13 The line to the N. of this point, ascends the steep inaccessible S. breaks of a high mesa to the N. over which I am unable to chain, I therefore determine the distance to top of mesa by triangulation as follows. Erect flag A at the cor. secs. 3, 4, 33, and 34, on the S. bdy. of the township, flag B on line to the N. and flag C at the $\frac{1}{4}$ sec. cor. secs. 3 and 34 on the S. bdy. of the township. From C, line AB subtends an angle of 53°46'. From B, line AC subtends an angle of 36°12'. Vertical angle from A to B is plus 10°40'. All angles checked by repetition.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains



Distance by triangulation...54.63 chs.

54.63 To point B of triangulation at top of vertical S. rim of high mesa, 680 ft. above the sec. cor., bears N. 60° E. and S. 60° W.; thence over broken top of mesa through scattered timber and short undergrowth.

80.00 On broken top of mesa, mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 27, 28, 33, and 34, with brass cap marked

T23S	R6E
S28	S27
S33	S34

1937

from which

A juniper, 5 ins. diam., bears N. 32° E., 32 lks. dist., marked T23S R6E S27 BT.

A juniper, 10 ins. diam., bears S. 26° E., 31 lks. dist., marked T23S R6E S34 BT.

A pinon, 12 ins. diam., bears S. 30° W., 33 lks. dist., marked T23S R6E S33 BT.

A pinon, 6 ins. diam., bears N. 83°30' W., 146 lks. dist., marked T23S R6E S28 BT.

Land, broken top and S. breaks of a high mesa. Sandstone and shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, short shadscale, black brush, greasewood, and weeds.

Timber, scattered scrub juniper and pinon on top of mesa.

Poor grazing land.

East, on random line, bet. secs. 27 and 34.

32.00 A sharp shale ridge over which I am unable to chain or project my line, I therefore offset as follows.

South, 4.60 chs. thence East on offset line.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

enisc00

- 40.00 Set temp. $\frac{1}{4}$ sec. cor. on offset line.
- 62.00 Offset North, 4.60 chs. to true random line, thence E. on true random line.
- 80.00 Intersect the cor. secs. 26, 27, 34, and 35.
- Thence:
- West, on true line, bet. secs. 27 and 34.
- Over broken NW. slope of high mesa land, through scattered short undergrowth.
- 18.00 Top of narrow shale ridge rimmed with vertical shale breaks, bears W. and S. 85° E., over which I am unable to chain or project my line, I therefore offset as follows.
- South, 4.60 chs., thence West, on offset line to:
- 40.00 On offset line, at the S. base of perpendicular shale breaks of ridge, 320 ft. below sec. cor., bears E. and W.
- 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 witness cor. to the $\frac{1}{4}$ sec. cor. secs. 27 and 34, with brass cap marked
- W0
 S27
 $\frac{1}{4}$
 S34
- 1937
- deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.
- True point for cor. falls on sharp inaccessible top of shale ridge, where it is impracticable to reach the cor. point.
- Continue West on offset line to:
- 48.00 Offset North, 4.60 chs. to true line at the N. side of saddle in sharp ridge bearing E. and S. 85° W.; thence West, on true line; ascend steep NE. slope of high mesa land to the W.
- 78.35 Top of NE. rim of a high mesa, 380 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., bears N. 85° W. and S. 80° E.; thence over broken top of mesa.
- 80.00 The cor. secs. 27, 28, 33, and 34.
- Land, broken N. and S. slopes of a sharp ridge between two high mesas. Sandstone and blue shale formation.
- Soil, shallow sand and clay, with a rocky surface; 4th rate.
- Undergrowth, shadscale, black brush, and weeds.
- No timber.
- Poor grazing land.

SUBDIVISION OF A PORTION; T. 23 S., R. 6 E.

Chains

N. 0°02' W., bet. secs. 27 and 28.

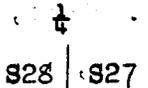
Over broken top of high mesa land, through scattered short undergrowth.

0.50 Top of vertical NE. rim of mesa, bears S. 85° E. and N. 85° W.; descend abrupt ledgy N. breaks of mesa.

18.00 Bottom of large main draw, 880 ft. below top of mesa, drains N. 85° W.; ascend steep broken SW. slope.

40.00 On steep broken SW. slope, 220 ft. above draw.

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



1937

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

47.00 Enter flat top of spur, 320 ft. above draw, projects W.; thence over flat top of spur.

53.60 Leave flat top of spur, bears E. and W.; descend abrupt broken NW. slope.

62.50 Base of abrupt descent, bears NE. and SW.

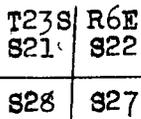
63.80 Small draw, 15 ft. deep, drains NE.; continue descent.

73.50 Wash, 15 lks. wide; 3 ft. deep, drains N. 20° W.

78.50 Bend in same wash, drains NW. from S. 10° W.

80.00 On gradual NW. slope, 380 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 21, 22, 27, and 28, with brass cap marked



1937

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

Land, broken breaks of mesa with a general northerly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay and sand, with a rocky surface; 4th rate.

Undergrowth, shadscale, black brush, and weeds.

No timber.

Poor grazing land.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains	East, on random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect the N. and S. line, 3 lks. N. of the cor. secs. 22, 23, 26, and 27.
	Thence:
	N. $89^{\circ}59'$ W., on true line, bet. secs. 22 and 27.
	Descend gradually over broken NW. slope of top of high mesa, through scattered timber and undergrowth.
8.30	Top of NW. rim of mesa, bears NE. and SW.; descend abruptly over broken NW. breaks of mesa.
19.80	Descent becomes gradual, bears NE. and SW.
39.98	On gradual NW. slope, 420 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
	$\begin{array}{r} S22 \\ \frac{1}{4} \text{ ---} \\ S27 \\ 1937 \end{array}$
	from which
	A pinon, 5 ins. diam., bears S. $22^{\circ}45'$ W., 90 lks. dist., marked $\frac{1}{4}$ S27 BT.
	A pinon, 10 ins. diam., bears N. $38^{\circ}15'$ W., 92 lks. dist., marked $\frac{1}{4}$ S22 BT.
50.30	Descent becomes abrupt, bears N. and S.
62.30	Draw, 35 ft. deep, drains SW.; leave timber, bears N. and S.; continue descent over NW. slope.
75.00	Base of abrupt descent and base of breaks of mesa, bears N. 10° W. and S. 10° E.; descend gradual W. slope.
79.96	The cor. secs. 21, 22, 27, and 28; 480 ft. below the $\frac{1}{4}$ sec. cor.
	Land, broken NW. breaks of high mesa. Sandstone and shale formation.
	Soil, shallow sand, clay, and rock; 4th rate.
	Undergrowth, black brush, greasewood, shadscale, and weeds.
	Timber, scrub juniper and pinon on E. portion of mile.
	Poor grazing land.
	N. $0^{\circ}15'$ W., on true line, bet. secs. 21 and 22.
	Descend gradual NW. slope of broken bench land, through scattered short undergrowth.
18.90	Draw, 30 ft. below cor., drains N. 30° E.; continue gradual descent.
40.00	At base of descent, 50 ft. below sec. cor., bears N. 20° E. and S. 20° W.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

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



1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

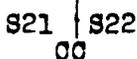
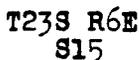
Thence ascend gradually along steep broken E. breaks of a high mesa to the W.

59.40 Top of ascent on E. slope, 150 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradually along E. slope.

68.80 Blue shale spur, 50 ft. below top of ascent, projects E.; descend gradually along broken E. slope.

81.58 Intersect the S. bdy. sec. 15.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 21 and 22, with brass cap marked



1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Cor. set near base of breaks of mesa, 50 ft. below spur.

From this cor.; the cor. secs. 15 and 16, heretofore described, bears S. $89^{\circ}57'$ W., 51 lks. dist.

Land, broken and rolling, with a general easterly and northerly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay and rock; 4th rate.

Undergrowth, greasewood, shadscale, and weeds.

No timber.

Poor grazing land.

From the cor. secs. 4, 5, 32, and 33, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}03'$ W., bet. secs. 32 and 33.

Ascend abruptly over broken S. breaks of a high mesa to the N., through scattered timber and undergrowth.

18.30 Outcropping of coal, bears E. and W.

20.00 On abrupt rocky general S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

BRISNO

ground to solid rock and in a large mound of stone to top for the S. 1/16 sec. cor. secs. 32 and 33, with brass cap marked

S 1/16

S32 | S33

1937

deposit a sandstone, 12 x 12 x 6 ins., at base of post, marked X.

27.10 Top of rim of mesa at head of large cove, 360 ft. above sec. cor., bears S. 35° W. and S. 35° E.; thence ascend gradually over broken top of mesa.

40.00 On broken top of mesa, 10 ft. above rim.

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

S32 | S33

1937

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

No suitable bearing trees available.

51.70 Top of ascent on mesa, 20 ft. above the 1/4 sec. cor., bears E. and W.; descend gradual NE. slope.

60.00 On gradual NE. slope, 30 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. 1/16 sec. cor. secs. 32 and 33, with brass cap marked

N 1/16

S32 | S33

1937

from which

A pinon, 10 ins. diam., bears S. 20° E., 291 lks. dist., marked N 1/16 S33 BT.

A pinon, 6 ins. diam., bears S. 14°45' W., 218 lks. dist., marked N 1/16 S32 BT.

65.00 Shallow draw, 20 ft. below cor., drains E.; ascend gradual SE. slope.

80.00 On gradual SE. slope, 40 ft. above draw.

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 the cor. secs. 28, 29, 32, and 33, with brass cap marked

T23S R6E
S29 | S28

S32 | S33

1937

from which

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

A juniper, 3 ins. diam., bears S. 58° E., 117 lks. dist., marked BT.

A pinon, 5 ins. diam., bears S. 68°45' W., 67 lks. dist., marked T23S R6E S32 BT.

No other suitable bearing trees available.

Land, broken top of S. breaks of a high mesa. Sandstone and shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

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

Timber, scrub juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 28 and 33.

37.10 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor. secs. 28 and 33.

80.00 Intersect the cor. secs. 27, 28, 33, and 34.

Thence:

West, on true line, bet. secs. 28 and 33.

Descend gradually over broken top of high mesa land, through scattered timber and short undergrowth.

20.00 Descent becomes abrupt, bears NE. and SW.

36.50 Draw; 10 ft. deep, drains NW.

38.00 Top of E. rim of large main draw, bears N. and S.

39.90 Bottom of draw, 350 ft. below sec. cor., drains N. 20° W.; ascend abrupt W. breaks of draw.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls in breaks of draw where it is impracticable to set a cor.

42.90 At top of W. rim of draw, 150 ft. above bottom, mark a cross (X) on the surface rock, 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. secs. 28 and 33, with brass cap marked

$\frac{1}{4}$ $\frac{S28}{S33}$ WC

1937

from which

A pinon, 6 ins. diam., bears S. 23°30' W., 180 lks. dist., marked WC $\frac{1}{4}$ S33 BT.

No other suitable bearing trees available.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

10

Thence ascend gradually over broken SE. slope of top of mesa.

58.50 Ascent becomes abrupt, bears N. and S.

63.80 Sandstone rim, 25 ft. high, faces E. and bears N. and S.; ascend gradual E. slope.

80.00 The cor. secs. 28, 29, 32, and 33, 170 ft. above the witness cor. to the 1/4 sec. cor.

Land, broken top of mesa. Sandstone formation.

Soil, shallow loose sand and surface rock; 4th rate.

Undergrowth, black and sage brush, yellow top, shadscale, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 28 and 29.

Ascend gradual SE. slope of broken top of mesa, through medium dense timber and scattered undergrowth.

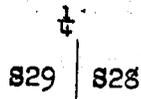
2.00 Spur, 20 ft. above cor., slopes NE.; descend gradually over broken N. slope.

7.90 Draw, 50 ft. below spur; drains NE.; ascend gradual SE. slope.

25.40 Spur, 60 ft. above draw, slopes N. 20° E.; descend gradual N. slope.

40.00 In small draw, 20 ft. below spur, drains 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 1/4 sec. cor., with brass cap marked



1937

from which

A juniper, 4 ins. diam., bears N. 54° E., 99 lks. dist., marked 1/4 S28 BT.

A juniper, 10 ins. diam., bears N. 36°45' W., 46 lks. dist., marked 1/4 S29 BT.

Thence ascend gradual SW. slope.

52.00 Top of ascent, 40 ft. above the 1/4 sec. cor., bears NE. and SW.; descend gradual NW. slope.

70.50 Slope changes from a gradual NW. slope to an abrupt NE. slope.

77.50 Slope changes from an abrupt NE. slope to a gradual NW. slope.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

On

80.00 On gradual NW. slope, 130 ft. below top of ascent.

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. secs. 20, 21, 28, and 29, with brass cap marked

T238	R6E
S20	S21
S29	S28

1937

from which

A pinon, 5 ins. diam., bears N. 39° E., 74 lks. dist., marked T238 R6E S21 BT.

A juniper, 5 ins. diam., bears S. 65° E., 76 lks. dist., marked T238 R6E S28 BT.

A juniper, 6 ins. diam., bears S. 56°45' W., 85 lks. dist., marked T238 R6E S29 BT.

A juniper, 4 ins. diam., bears N. 46°45' W., 38 lks. dist., marked T238 R6E S20 BT.

Land, broken top of mesa. Sandstone formation.

Soil, shallow loose sand and surface rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 21 and 28.

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

80.04 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 21, 22, 27, and 28.

Thence:

S. 89°59' W., on true line, bet. secs. 21 and 28.

Descend gradual W. slope of broken land, through scattered undergrowth.

2.00 Small draw, drains NW.; continue descent.

10.00 Bottom of large main draw, 75 ft. below cor., drains NE.; ascend abrupt E. breaks of high mesa to the W.

30.40 Top of vertical E. rim of mesa, 680 ft. above draw, bears N. 35° E. and S. 35° W.; thence over broken top of mesa, through scattered timber.

36.40 Low rise, 30 ft. high, bears NW. and SE.

40.02 On broken top of mesa.

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 $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

‡ S21
S28

1937

from which

A pinon, 5 ins. diam., bears S. 3° E., 34 lks. dist., marked ‡ S28 BT.

A pinon, 8 ins. diam., bears N. 49°45' W., 17 lks. dist., marked ‡ S21 BT.

61.50 Draw, 50 ft. below the ‡ sec. cor., drains N. 20° E.; ascend gradual NE. slope.

72.50 Small draw, 35 ft. deep, drains NW.

76.00 Low rise, 55 ft. high, bears N. 35° W. and S. 35° E.

80.04 The cor. secs. 20, 21, 28, and 29, 20 ft. below top of rise.

Land, broken top, and E. breaks of mesa. Sandstone and shale formation.

Soil, shallow loose sand and clay; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, and weeds.

Timber, scattered scrub juniper and pinon on top of mesa.

Fair grazing land.

N. 0°16' W., on true line, bet. secs. 20 and 21.

Descend gradual NW. slope of broken top of mesa, through medium dense timber and scattered short undergrowth.

9.20 Draw, 50 ft. below cor., drains E.; ascend gradual S. slope.

16.00 Ascent becomes abrupt, bears E. and W.

20.30 Top of sandstone rim, 150 ft. above draw, faces SE. and bears NE. and SW.; descend gradual NW. slope.

38.70 Sandstone rim, faces NW. and bears NE. and SW.; descend abrupt N. slope.

40.00 On abrupt N. slope, 60 ft. below rim.

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

‡
S20 | S21

1937

from which

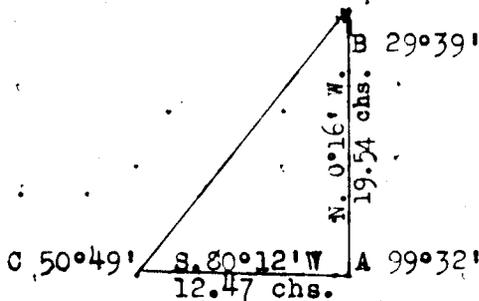
A juniper, 4 ins. diam., bears S. 50°45' E., 30 lks. dist., marked ‡ S21 BT.

A juniper, 5 ins. diam., bears N. 72°45' W., 68 lks. dist., marked ‡ S20 BT.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

- 47.50 Draw, 100 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend abrupt S. slope.
- 50.40 Spur, 50 ft. above draw, projects W.; descend abrupt NW. slope.
- 61.19 Leave flag point for triangulation.
- 62.20 Vertical rim of large main draw, bears N. 80° W. and S. 80° E., over which I am unable to chain, I therefore determine the distance across breaks of draw by triangulation as follows. Erect flag A at the 61.19 chs. point, and flag B on line to the N. From A, survey base line AC, S. $80^{\circ}12'$ W., 12.47 chs. dist. From C, line AB subtends an angle of $50^{\circ}49'$. From B, line AC subtends an angle of $29^{\circ}39'$. All angles checked by repetition and base line double chained. No difference in elevation from A to B.



Distance on line.....	61.19 chs.
Distance by triangulation.....	19.54 chs.
	80.73 chs.
Distance by return measurement.....	1.93 chs.
	78.80 chs.

- 71.00 Approximate distance; bottom of large main draw, rimmed with vertical ledges, 320 ft. deep, drains N. 80° E., about 15.00 chs. dist., thence N.
- 78.80 Top of N. rim of draw, bears N. 80° E. and S. 80° W.; ascend gradual S. slope of spur.
- 80.73 To point B. of triangulation at top of rocky spur, 370 ft. above bottom of draw, projects E.; descend gradual NE. slope.
- 81.78 Intersect the S. bdy. sec. 16.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 20 and 21, with brass cap marked

T238 R6E
S16

S20 | S21
00

1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Cor. set on gradual NW. slope, 50 ft. below spur.

From this cor., the cor. secs. 16 and 17, heretofore described, bears N. $89^{\circ}49'$ W., 1.04 chs. dist.

Land, broken top of mesa with a general northeasterly exposure and drainage. Sandstone formation.

SUBDIVISION OF A PORTION, T. 23 S. R. 6 E.

Chains

BRISNO

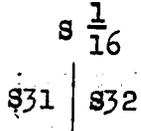
Soil, shallow loose sand and rock; 4th rate.
 Undergrowth, sage and black brush, greasewood, shadscale, and weeds.
 Timber, juniper and pinon.
 Fair grazing land.

From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the township, heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Over broken top of high mesa land, through medium dense timber and scattered short undergrowth.

- 13.20 Top of S. rim of wide open draw, bears SE. and SW.; descent abrupt broken N. slope.
- 16.50 Unimproved road, bears E. to an abandoned coal mine, and W. to Utah State Highway No. 10; thence across bottom lands of wide draw.
- 19.30 Wash, 20 lks. wide, 3 ft. deep, in draw, 170 ft. below sec. cor., drains NW.
- 20.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the S. 1/16 sec. cor. secs. 31 and 32, with brass cap marked



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

From this cor., the NW. cor. of a one room log house, bears S. 59°43' E., 9.90 chs. dist.

The main entrance to an abandoned coal mine, bears S. 34°26' E., 14.35 chs. dist.

- 23.70 Wash, 20 lks. wide, 4 ft. deep, drains N. 80° W.
- 29.70 Leave bottom lands of wide draw and ascend abrupt ledgy S. slope, bears N. 60° W. and S. 60° E.
- 33.90 Top of N. rim of wide open draw, bears N. 60° W. and S. 60° E.; ascend gradual SW. slope through medium dense timber.
- 36.80 Spur, 100 ft. above bottom of draw, projects N. 70° W.; descend gradual NW. slope.
- 40.00 On gradual NW. slope of surfacerock, 20 ft. below spur, 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 sec. cor., with brass cap marked

SUBDIVISION OF A PORTION OF T. 23 N., R. 6 E.

Chains

†

S31 S32

1937

from which

A juniper, 4 ins. diam., bears S. 12°30' E., 95 lks. dist., marked † S32 BT.

A juniper, 6 ins. diam., bears N. 66° W., 28 lks. dist., marked † S31 BT.

42.10 Sandstone rim, faces NE. and bears N. 60° W. and S. 70° E.; descend abrupt ledgy NE. slope.

47.00 Enter bottom lands of wide open draw, bears S. 60° W. and S. 70° E.

56.40 Unimproved road, bears E. to the Dog Valley Coal Mine, and SW. to Utah State Highway No. 10.

61.60 Dim road, bears NW. to Utah State Highway No. 10, and SE. to the Dog Valley Coal Mine.

66.90 Draw, 140 ft. below the † sec. cor., drains N. 35° E.; ascend gradual SE. slope.

72.00 Recross dim road, bears N. 35° E. to Utah State Highway No. 10 and S. 35° W. to the Dog Valley Coal Mine.

80.00 On gradual SE. slope, 40 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. secs. 29, 30, 31, and 32, with brass cap marked

T23S	R6E
S30	S29
S31	S32

1937

from which

A juniper, 3 ins. diam., bears N. 57°15' E., 100 lks. dist., marked BT.

No other suitable bearing trees available.

Land, broken with a general northwesterly exposure and drainage. Sandstone and shale formation.

Soil, shallow and deep clay and sand; 4th rate.

Undergrowth, greasewood, sage and black brush, yellow top, shadscale, and weeds.

Timber, juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 29 and 32.

40.00 Set temp. † sec. cor.

80.04 Intersect the cor. secs. 28, 29, 32, and 33.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains	
	<p>Thence:</p> <p>West, on true line, bet. secs. 29 and 32.</p> <p>Ascend gradual SE. slope of mesa land, through medium dense timber and scattered short undergrowth.</p>
4.00	<p>Top of ascent, 40 ft. above cor., bears N. 35° E. and S. 35° W.; descend gradual W. slope.</p>
20.01	<p>On gradual W. slope, 25 ft. below top of ascent.</p> <p>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 the E. 1/16 sec. cor. secs. 29 and 32, with brass cap marked</p> $E \frac{1}{16} \frac{829}{832}$ <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A pinon, 4 ins. diam., bears S. 43°15' W., 22 lks. dist., marked E 1/16 S32 BT.</p> <p>A pinon, 5 ins. diam., bears N. 10°30' W., 50 lks. dist., marked E 1/16 S29 BT.</p>
27.00	<p>Top of descent over ledgy NW. slope, bears N. 25° E. and S. 25° W.</p>
28.00	<p>An outcropping of coal, bears N. and S.</p>
37.00	<p>Descent becomes gradual, bears N. and S.</p>
40.02	<p>At head of draw, drains W., 210 ft. below the E. 1/16 sec. cor.</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> $\frac{1}{4} \frac{829}{832}$ <p style="text-align: center;">1937</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> <p>Thence descend gradually along bottom of draw.</p>
50.00	<p>Leave bottom of draw, drains N. 50° W., 40 ft. below the $\frac{1}{4}$ sec. cor.; ascend gradual NE. slope.</p>
60.00	<p>Draw, 20 ft. deep, drains NW.</p>
66.00	<p>Spur, 30 ft. above the draw at the 50 chains point, projects NW.; descend gradual NW. slope.</p>
74.50	<p>Large main draw, 50 ft. below spur, drains N. 30° E.; ascend gradual SE. slope.</p>
75.50	<p>Dim road, bears N. 30° E. and S.</p>
80.04	<p>The cor. secs. 29, 30, 31, and 32, 20 ft. above draw.</p> <p>Land, broken, with a general westerly exposure and drains.</p> <p>Sandstone formation.</p>

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, greasewood, yellow top, shadscale, and weeds.

Timber, juniper and pinon.

Fair grazing land.

West, on true line, bet. secs. 30 and 31.

Ascend gradually over broken mesa land, through scattered timber and undergrowth.

5.70 Top of W. rim of large draw, 110 ft. above cor., bears NE. and SW.; descend gradual SW. slope.

27.30 Draw, 50 ft. below top of rim, drains SE.; ascend gradual SE. slope.

31.50 Draw, 10 ft. deep, drains SE.; continue ascent.

40.00 On general SE. slope, 40 ft. above the draw at the 27.30 chs. point.

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

S30
—
S31

1937

from which

A juniper, 3 ins. diam., bears S. $54^{\circ}30'$ W., 19 lks. dist., marked BT.

A juniper, 4 ins. diam., bears N. 84° W., 94 lks. dist., marked $\frac{1}{4}$ S30 BT.

49.90 Spur, 140 ft. above the $\frac{1}{4}$ sec. cor., projects N. 35° E.; descend gradual NW. slope.

61.30 Draw, 50 ft. below spur, drains NE.; ascend gradual E. slope.

76.30 Unimproved road, bears NW. to Utah State Highway No. 10, and SE. to the Dog Valley Coal Mine.

82.89 Intersect the E. bdy. sec. 36.

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

T23S	T23S
R5E	S30
S36	S31
	R6E

1937

raise a mound of stone, 3 Yt. base, 2 Yt. high, E. of cor.

No bearing trees available.

From this cor., the cor. secs. 25 and 36, heretofore

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains described, bears N. 0°22' W., 51 lks. dist. UNLARD
 Cor. set on top of high bench land, 110 ft. above draw.
 Land, broken, with a general easterly exposure and drainage. Sandstone and volcanic formation.
 Soil, shallow sand, clay, and gravel, with a rocky surface 4th rate.
 Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.
 Timber, juniper and pinon.
 Fair grazing land.

From the cor. secs. 29, 30, 31, and 32.

N. 0°03' W., bet. secs. 29 and 30.

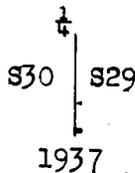
Ascend gradually along broken SE. slope of a high bench to the W., through scattered timber and undergrowth.

17.10 Spur, 40 ft. above cor., slopes E.; descend gradually along E. slope.

33.20 Draw, 80 ft. below spur, drains E; ascend gradual SE. slope.

40.00 On gradual SE. slope, 30 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



from which

A juniper, 4 ins. diam., bears N. 18° E., 135 lks. dist., marked $\frac{1}{4}$ S29 BT.

No other suitable bearing tree available.

43.00 Slope changes from a gradual SE. slope to an abrupt SE. slope.

45.80 Top of sandstone rim, 120 ft. above the $\frac{1}{4}$ sec. cor., faces SE. and bears NE. and SW.; descend gradual NE. slope.

51.20 Slope changes from a gradual NE. slope to an abrupt NE. slope.

55.40 Draw, 110 ft. below rim, drains N. 50° E.; ascend abrupt SE. slope.

75.00 Spur, 170 ft. above draw, projects NE.; thence over top of high bench land.

80.00 On rolling top of high bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 19, 20, 29, and 30, with brass cap marked

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

T23S	R6E
S19	S20
S30	S29

1937.

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

No bearing trees available.

Land, broken, with a general easterly exposure and drainage. Sandstone formation.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 20 and 29.

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

80.04 Intersect the cor. secs. 20, 21, 28, and 29.

Thence:

West, on true line, bet. secs. 20 and 29.

Descend gradual NW. slope of high mesa land, through scattered timber and undergrowth.

9.60 Draw, 60 ft. below cor., drains N. 30° E.; ascend gradual NE. slope.

27.50 Top of ascent, 90 ft. above draw, bears N. and S.; descend gradual W. slope.

40.02 On gradual W. slope, 50 ft. below top of ascent; mark a cross (X), on the 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

$\frac{1}{4}$	S20
	S29

1937

from which

A pinon, 8 ins. diam., bears N. 11° E., 7 $\frac{1}{4}$ lks. dist., marked $\frac{1}{4}$ S20 BT.

A pinon, 4 ins. diam., bears S. 20° E., 9 lks. dist., marked $\frac{1}{4}$ S29 BT.

41.00 Top of E. rim of wide draw, faces NW. and bears N. 20° E. and S. 20° W.; descend abrupt W. slope.

48.00 Descent becomes gradual, bears N. and S.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

811510

- 54.30 Dim road, bears N. 20° E. to Utah State Highway No. 10, and S. 20° W. to the Dog Valley Coal Mine.
- 56.30 Draw, 250 ft. below the $\frac{1}{4}$ sec. cor., drains N. 20° E.; ascend abrupt E. slope.
- 64.70 Top of W. rim of draw, bears N. 20° E. and S. 20° W.; thence over broken top of high bench land.
- 80.04 The cor. of secs. 19, 20, 29, and 30, 250 ft. above bottom of draw.

Land, broken, with a general easterly and westerly exposure. Sandstone and shale formation.

Soil, shallow loose sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

West, on true line, bet. secs. 19 and 30.

Over rolling top of high bench land, through scattered undergrowth.

- 23.50 Enter scattered timber, bears N. and S.
 - 25.00 Low rise, bears NE. and SW.; descend gradual NW. slope.
 - 36.00 Descent becomes abrupt, bears NE. and SW.
 - 40.00 On abrupt NW. slope, 90 ft. below top of rise.
- 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

$\frac{1}{4}$ S19

S30

1937

from which

A pinon, 5 ins. diam., bears S. 58°45' E., 42 lks. dist., marked $\frac{1}{4}$ S30 BT.

A juniper, 5 ins. diam., bears N. 7°45' W., 43 lks. dist., marked $\frac{1}{4}$ S19 BT.

- 49.80 Draw, 50 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; ascend steep SE. slope.
 - 70.00 Ascent becomes gradual, bears NE. and SW.; leave timber bears NE. and SW.
 - 83.35 Intersect the E. bdy. sec. 25.
- Set an iron post; 3 ft. long, 2 ins. diam.; 30 ins. in the ground, for closing cor. secs. 19 and 30, with brass cap marked

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

Leads, evidence, etc.

T23S	T23S
R5E	S19 0
S25	S30 0
	R6E

1937

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

From this cor., the cor. secs. 24 and 25, heretofore described, bears N. 0°22' W., 1.10 chs. dist.

Land, broken, with a general northeasterly exposure and drainage. Sandstone formation.

Soil, shallow sand and gravel with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

From the cor. secs. 19, 20, 29, and 30.

N. 0°16' W., on true line, bet. secs. 19 and 20.

Over rolling bench and mesa land, through scattered undergrowth.

18.20 Sandstone rim, faces NW. and bears NE. and SW.; descend abrupt NW. slope through medium dense timber.

31.10 Dim road in bottom of draw, 150 ft. below sec. cor., draw drains N. 50° W. and road bears N. 50° W. to Utah State Highway No. 10, and SE. to the Dog Valley Coal Mine; ascend gradual S. slope.

35.50 Top of ascent, 40 ft. above draw, bears E. and W.; descend gradual NW. slope.

40.00 On gradual NW. slope, 20 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

$\frac{1}{4}$	
S19	S20

1937

from which

A pinon, 10 ins. diam., bears N. 85° E., 80 lks. dist., marked $\frac{1}{4}$ S20 BT.

A pinon, 5 ins. diam., bears N. 36°30' W., 26 lks. dist., marked $\frac{1}{4}$ S19 BT.

42.50 Draw, 10 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; continue gradual descent.

SUBDIVISION OF A PORTION, T. 23 S., R. 6 E.

Chains

63.40 Draw, 10 ft. deep, drains N. 50° W.; continue gradual descent.

31.96 Intersect the S. bdy. sec. 17.

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 closing cor. secs. 19 and 20, with brass cap marked

T23S R6E

S17

S19 | S20

1937

from which

A pinon, 12 ins. diam., bears S. 21°30' E., 133 lks. dist., marked T23S R6E S20 00 BT.

A juniper, 10 ins. diam., bears S. 83°30' W., 52 lks. dist., marked T23S R6E S19 00 BT.

From this cor., the cor. secs. 17 and 18, heretofore described, bears N. 89°49' W.; 2.23 chs. dist.

Land, rolling with a general northwesterly exposure and drainage. Sandstone formation.

Soil, shallow loose sand; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

SUBDIVISION OF A PORTION SECTION 32, T. 23 S., R. 6 E.

From the $\frac{1}{4}$ sec. cor. secs. 5 and 32, on the S. bdy. of the township, heretofore described.

N. 0°03' W., on random line on N. and S. center line sec. 32.

40.00 Set temp. center $\frac{1}{4}$ sec. cor. sec. 32.

80.02 Intersect the $\frac{1}{4}$ sec. cor. secs. 29 and 32, heretofore described.

The course of this line therefore is, N. 0°03' W., and the distance is 80.02 chs.

From the $\frac{1}{4}$ sec. cor. secs. 31 and 32, heretofore described.

East, on random line, on E. and W. center line sec. 32.

40.02 Fall 1 lk. N. of the temp. center $\frac{1}{4}$ sec. cor. sec. 32.

80.04 Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor. secs. 32 and 33, heretofore described.

The course of this line therefore is, N. 89°59' W., and the distance is 80.04 chs.

Thence:

Subdivision of a Portion Section 32, T. 23 S., R. 6 E.

Chains

From the $\frac{1}{4}$ sec. cor. secs. 5 and 32.

N. $0^{\circ}03'$ W., on true line, on N. and S. center line sec. 32.

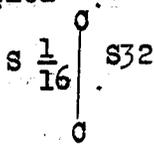
Descend gradual NW. slope of broken mesa land, through medium dense timber and scattered undergrowth.

10.00 Leave timber, bears E. and W.

18.20 Enter timber, bears E. and W.

20.00 Proportionate point; on gradual NW. slope, 40 ft. below the $\frac{1}{4}$ sec. cor.; mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. in diam., in a large mound of stone to top, for the center S. $\frac{1}{16}$ sec. cor. sec. 32, with brass cap marked



1937 from which

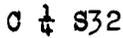
A pinon, 10 ins. diam., bears S. $5^{\circ}15'$ E., 142 lks. dist., marked OS $\frac{1}{16}$ S32 BT.

No other suitable bearing tree available.

35.00 Slope changes from a gradual NW. slope to an abrupt W. slope.

40.00 On ledgy W. slope of sandstone rim facing W., 40 ft. below the center S. $\frac{1}{16}$ sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center $\frac{1}{4}$ sec. cor. sec. 32, with brass cap marked



1937 from which

A pinon, 8 ins. diam., bears N. 17° E., 38 lks. dist., marked C $\frac{1}{4}$ S32 BT.

No other suitable bearing tree available.

Thence ascend abrupt ledgy SW. slope.

45.30 Top of ascent, 35 ft. above cor., bears N. 60° W. and S. 60° E.; descend abrupt broken NW. slope.

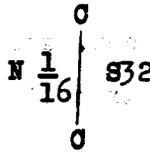
52.20 Draw, 120 ft. below top of ascent, drains W.; ascend along abrupt W. slope.

60.01 Proportionate point; on broken W. slope, 100 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center N $\frac{1}{16}$ sec. cor. sec. 32, with brass cap marked

SUBDIVISION OF A PORTION SECTION 32, T. 25 N., R. 6 E.

Chains



1937

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. No suitable bearing trees available.

- 65.60 Top of ascent, 40 ft. above cor., bears NE. and SW.; descend abrupt NW. slope.
- 72.00 Base of abrupt descent, bears NE. and SW.; thence over rolling bottom lands of wide draw.
- 80.02 The $\frac{1}{4}$ sec. cor. secs. 29 and 32, 120 ft. below top of ascent.

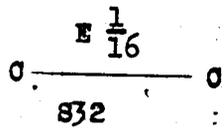
Land, broken W. slope of sandstone rim. Sandstone formation
 Soil, shallow loose sand and rock; 4th rate.
 Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.
 Timber, scrub juniper and pinon.
 Fair grazing land.

From the $\frac{1}{4}$ sec. cor. secs. 32 and 33.
 N. $89^{\circ}59'$ W., on true line, on E. and W. center line sec. 32.

Ascend gradual SE. slope of high mesa land, through scattered undergrowth.

- 5.00 Ascent becomes abrupt, bears N. 35° E. and S. 35° W.
- 9.00 Ascent becomes gradual, bears N. 35° E. and S. 35° W.
- 19.00 Top of ascent, 90 ft. above cor., bears NE. and SW.; descend gradual NW. slope.
- 20.01 On gradual NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center E. $\frac{1}{16}$ sec. cor. sec. 32, with brass cap marked



1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 35.50 Top of sandstone rim, faces W. and bears N. 30° W. and S.; descend abruptly over rim.
- 40.02 The center $\frac{1}{4}$ sec. cor. sec. 32, 100 ft. below top of ascent.

SUBDIVISION OF A PORTION SECTION 32, T. 23 S., R. 6 E.

Chains

- 41.32 From this point, the entrance to the Dog Valley Coal Mine, bears N. 29°42' W., 1.85 chs. dist.
The NE. cor. of a one room log cabbn, bears S. 61°50' W., 5.02 chs. dist.
- 42.30 Base of sandstone rim, bears N. and S.; thence over bottom lands of wide draw.
- 47.70 Draw, 150 ft. below the center $\frac{1}{2}$ sec. cor., drains NW.; ascend gradually over broken NE. slope.
- 60.03 Proportionate point; on spur, 90 ft. above draw, projects N. 35° W.; 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 the center W. 1/16 sec. cor. sec. 32, with brass cap marked

W $\frac{1}{16}$
O ——— O
832

1937

Thence descend abrupt W. slope.

- 64.00 Draw, 110 ft. below cor., drains NW.; ascend gradually over broken NE. slope.
- 73.70 Top of sandstone rim, faces NE. and bears N. 60° W. and S. 60° E., 80 ft. above draw.; descend gradual W. slope.
- 80.04 The $\frac{1}{2}$ sec. cor. between secs. 31 and 32.
Land, broken with a general northwesterly exposure and drainage. Sandstone and shale formation.
Soil, shallow and deep clay, sand, and rock; 4th rate.
Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.
No timber.
Fair grazing land.

From the center E. 1/16 sec. cor. sec. 32.

N. 0°03' W., on random line, on N. and S. center line NE. $\frac{1}{4}$ sec. 32.

20.00 Set temp. NE. 1/16 sec. cor. sec. 32.

40.01 Intersect the E. 1/16 sec. cor. secs. 29 and 32, heretofore described.

The course of this line therefore is, N. 0°03' W., and the distance is 40.01 chs.

From the center N. 1/16 sec. cor. sec. 32.

East, on random line, on E. and W. center line NE. $\frac{1}{4}$ sec. 32.

SUBDIVISION OF A PORTION SECTION 32, T. 23 N., R. 6 E.

Chains	
20.01	Fall $\frac{1}{2}$ lk. N. of the temp. NE. $\frac{1}{16}$ sec. cor. sec. 32.
40.02	Intersect the N. $\frac{1}{16}$ sec. cor. secs. 32 and 33, heretofore described.
	The course of this line therefore is, West, and the distance is 40.02 chs.
	Thence:
	From the center E. $\frac{1}{16}$ sec. cor. sec. 32.
	N. $0^{\circ}03'$ W., on true line, on N. and S. center line NE. $\frac{1}{4}$ sec. 32.
	Descend gradual NW. slope of high mesa land, through scattered undergrowth.
20.00	Proportionate point; on gradual NW. slope, 80 ft. below the center E. $\frac{1}{16}$ sec. cor. sec. 32.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NE. $\frac{1}{16}$ sec. cor. sec. 32, with brass cap marked
	NE $\frac{1}{16}$ S32
	1937.
	mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a
23.00	Enter medium dense timber, bears E. and W.
40.01	The E. $\frac{1}{16}$ sec. cor. secs. 29 and 32,
	Land, broken with a general northwesterly exposure.
	Soil, shallow loose sand; 4th rate.
	Undergrowth, sage and black brush, shadscale, yellow top, greasewood, and weeds.
	Timber, juniper and pinon.
	Fair grazing land.
<hr/>	
	From the N. $\frac{1}{16}$ sec. cor. secs. 32 and 33.
	West, on true line, on E. and W. center line NE. $\frac{1}{4}$ sec. 32.
	Ascend gradual NE. slope of high mesa land, through scattered undergrowth.
17.20	Top of ascent, 60 ft. above cor., bears N. and S.; descend gradual NW. slope.
20.01	The NE. $\frac{1}{16}$ sec. cor. sec. 32.
33.30	Top of sandstone rfm, faces W. and bears N. 30° W. and S.; descend abrupt ledgy W. slope.
40.02	The center N. $\frac{1}{16}$ sec. cor. sec. 32, 180 ft. below top of ascent.

SUBDIVISION OF A PORTION SECTION 32, T. 23 S., R. 6 E.

Chains

Land, rolling and broken with a general northeasterly and northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

From the W. 1/16 sec. cor. secs. 5 and 32, heretofore described.

N. 0°03' W., on random line, on N. and S. center line SW. 1/4 sec. 32.

20.00 Set temp. SW. 1/16 sec. cor. sec. 32.

40.01 Intersect the center W. 1/16 sec. cor. sec. 32.

The course of this line therefore is N. 0°03' W., and the distance is 40.01 chs.

From the S. 1/16 sec. cor. secs. 31 and 32, heretofore described.

East, on random line, on E. and W. center line SW. 1/4 sec. 32.

20.00 Fall 1 lk. N. of the temp. NE. 1/16 sec. cor. sec. 32.

40.00 Fall 1 lk. N. of the center S. 1/16 sec. cor. sec. 32.

The course of this line therefore is, N. 89°59' W., and the distance is 40.00 chs.

Thence:

From the W. 1/16 sec. cor. secs. 5 and 32.

N. 0°03' W., on true line, on N. and S. center line SW. 1/4 sec. 32.

Over broken mesa land, through scattered timber and undergrowth.

16.40 Small draw, 20 ft. deep, drains N. 50° W.

20.01 On surface rock, 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 SW. 1/16 sec. cor. sec. 32, with brass cap marked

SW $\frac{1}{16}$ S32

1937

No suitable bearing trees available.

29.10 Rocky draw, 20 ft. deep, drains NW.

40.01 The center W. 1/16 sec. cor. sec. 32.

SUBDIVISION OF A PORTION SECTION 32, T10N23W80E, R. 6 E.

Chains

Land, broken top of high mesa.
 Soil, shallow loose sand and rock; 4th rate.
 Undergrowth, sage and black brush, shadscale, and weeds.
 Timber, scrub juniper and pinon.
 Fair grazing land.

From the center S. 1/16 sec. cor. sec. 32.

N. 89°59' W., on true line, on E. and W. center line SW. 1/4 sec. 32.

Descend gradual NW. slope of high mesa land, through medium dense timber and scattered undergrowth.

- 20.00 The SW. 1/16 sec. cor. sec. 32.
- 23.10 Top of vertical sandstone rim, faces NW. and bears NE. and SW.
- 34.00 Base of rim, bears NW. and SE.; thence over bottom lands of wide draw.
- 40.00 The S. 1/16 sec. cor. secs. 31 and 32, 180 ft. below the center S. 1/16 sec. cor.

Land, broken with a general northwesterly exposure.

Soil, shallow loose sand and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

Timber, juniper and pinon.

Fair grazing land.

From the E. 1/16 sec. cor. secs. 5 and 32, heretofore described.

N. 0°03' W., on random line, on N. and S. center line SE. 1/4 sec. 32.

- 20.00 Set temp. SE. 1/16 sec. cor. sec. 32.

- 40.00 Intersect the center E. 1/16 sec. cor. sec. 32.

The course of this line therefore is, N. 0°03' W., and the distance is 40.00 chs.

From the center S. 1/16 sec. cor. sec. 32.

East, on random line, on E. and W. center line SE. 1/4 sec. 32.

- 20.00 Fall 1/2 lk. N. of the temp. SE. 1/16 sec. cor. sec. 32.

- 40.00 Fall 1 lk. N. of the S. 1/16 sec. cor. secs. 32 and 33, heretofore described.

The course of this line therefore is, N. 89°59' W.; and the distance is 40.00 chs.

Thence:

SUBDIVISION OF A PORTION SECTION 32, T. 23 S., R. 6 E.

Chains

From the E. 1/16 sec. cor. secs. 5 and 32.

N. 0°03' W., on true line on N. and S. center line SE $\frac{1}{4}$ sec. 32.

Ascend abruptly over broken steep SE. breaks of high mesa land, through medium dense timber and scattered undergrowth.

5.20 Top of rim of breaks, faces SE. and bears NE. and SW.; thence ascend gradual SE. slope.

20.00 On gradual SE. slope, 140 ft. above the E. 1/16 sec. cor. secs. 5 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SE. 1/16 sec. cor. sec. 32, with brass cap marked

SE $\frac{1}{16}$ S32

1937

from which

A pinon, 6 ins. diam., bears N. 32°30' E., 84 lks. dist., marked SE 1/16 S32 BT.

No other suitable bearing tree available.

31.90 Top of ascent, 90 ft. above cor., bears NE. and SW.; thence over gradual NW. slope.

40.00 The center E. 1/16 sec. cor. sec. 32, 40 ft. below top of ascent.

Land, broken with a general southeasterly exposure and drainage.

Soil, shallow sand, clay, and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

From the S. 1/16 sec. cor. secs. 32 and 33.

N. 89°59' W., on true line, on E. and W. center line SE $\frac{1}{4}$ sec. 32.

Ascend abrupt SE. breaks of high mesa land, through scattered timber and undergrowth.

5.40 Top of breaks of mesa, faces SE. and bears N. 20° E. and S. 20° W.; thence ascend gradual SE. slope of high mesa.

20.00 The SE. 1/16 sec. cor. sec. 32.

24.00 Top of ascent, 230 ft. above the S. 1/16 sec. cor., bears NE. and SW.; descend gradual NW. slope.

40.00 The center S. 1/16 sec. cor. sec. 32, 40 ft. below top of ascent.

SUBDIVISION OF A PORTION SECTION 32, T. 23 S., R. 6 E.

Chains

Land, broken, with a general southeasterly and northwestern exposure and drainage.

Soil, shallow loose sand with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

GENERAL DESCRIPTION, T. 23 S., R. 6 E.

The portion of T. 23 S., R. 6 E., Salt Lake Meridian, Utah, that comes under this survey, consists mostly of the high broken breaks of a high mesa which projects in an easterly direction through the central portion of the south half of the township. It has a general northerly, easterly, and southerly exposure and drainage, into Ivy and Quitchupah Creeks to the north, the Muddy River to the east, and Willow Spring Wash to the south.

The formation in general, consists of a dark red sandstone and a dark blue shale. The sandstone formation is found mostly on the tops and rims of the mesa, while the slopes and breaks of the mesa consist mostly of blue shale.

The soil consists of a shallow dark blue clay, mixed with sand and rock, with a rocky surface, and may be classified as fourth rate. The soil has its origin in the material which comes from the distintegration of the sandstone ledges and blue shale breaks. Very little vegetable matter is found in the soil.

On the top of the high mesa land, a scattered to a medium dense growth of scrub juniper and pinon timber is found, which has no commercial value. The foot hills and breaks of the mesa are almost void of vegetation, but on the top of the mesa land a scattered short undergrowth of black and sage brush, shadscale, greasewood, yellow top, and weeds is found, which affords fair grazing for stock.

Only a small portion of the mesa land in the west part of the surveyed portion of the township, is being grazed, as that in the remaining portion is rimmed with vertical sandstone ledge, which makes it nearly inaccessible to stock.

No water was found in the surveyed portion of the township, and no portion of it is suitable for farming.

An abandoned coal mine and a one room log house, are located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32.

The Dog Valley Coal Mine is located in the SE. portion of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 32.

A one room log house in which two men were living that worked the Dog Valley Coal Mine, is located in the NE. portion of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 32.

Unimproved roads were found in the west portion of the area that comes under this survey, over which the coal is hauled from the Dog Valley Coal Mine.

The above were the only improvements found on the township.

From surface indications, it appears that a portion of the E $\frac{1}{2}$ and a portion of the SW $\frac{1}{4}$ of sec. 32, is underlain with coal, and the E $\frac{1}{2}$ and the SW $\frac{1}{4}$ of this section, was

GENERAL DESCRIPTION, T. 23. S., R. 6 E.

subdivided.

The two men working at the Dog Valley Coal Mine, were the only persons living on the portion of the township that comes under this survey.

From the outcroppings of coal found, it appears that the vein that is being worked in sec. 32, rises to the east, and comes to the surface as it reaches the high mesa land in the east portion of the surveyed area.

Except the coal, no other indications of mineral, oil, or oil shale were found.

The mean magnetic declination was found to be $16^{\circ}35'$ E.

Subdivided

The two men working at the Don Valley road, the only persons living on the section of the road that comes under this number.

From the records of the Don Valley road, it appears that the road was first built in 1880, and was then owned by the Don Valley Road Company. In 1900, the road was sold to the Government, and was then owned by the Government.

It is noted that the road was built on a section of land that was owned by the Don Valley Road Company. The road was built on a section of land that was owned by the Don Valley Road Company.

The road was built on a section of land that was owned by the Don Valley Road Company. The road was built on a section of land that was owned by the Don Valley Road Company.

FIELD ASSISTANTS

NAMES	CAPACITY
Ulysses S. Gardner	Chainman
William C. White	Chainman
Joe Atkin	Chainman
Donald B. Stringfellow	Chainman
John B. Van Den Akker	Chainman
Robert Burgess	Flagman
Fred Stevens	Flagman
Jack Buttrey	Flagman
LeRoy Pullman	Cornerman
Vernon Raymond Maberry	Cornerman
Richard M. Hales	Cornerman
Bernarr Langston	Axman
Richard G. Callaway	Axman
Max Ford	Axman
Reed Smith	Axman

CERTIFICATE OF ~~UNITED STATES SURVEYOR~~

Elliot Bird, Surveyor _____

Edward Eliason, Transitman,

~~and~~ We, Molen Roper, Transitman _____, HEREBY CERTIFY upon honor the

pursuance of special instructions bearing date of the 4th day of June 1934, and supplemental special instructions dated November 27, 1935 received from the district cadastral engineer for Utah, with assignment

instructions dated May 25, 1937, ~~we~~ ^{We} have surveyed a portion of the boundaries and subdivision, and the subdivision of a portion of section 32, completing the survey of T. 23 S., R. 6 E.,

of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} direction, and that a 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 8, 1938.

Elliot Bird Surveyor
Edward Eliason Transitman
Molen Roper Transitman
Robert Johnson
CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,
Denver, Colorado MAY 28 1940
19

The foregoing field notes of the survey of a portion of the boundaries and subdivision, and the subdivision of a portion of section 32, completing the survey of T. 23 S., R. 6 E., Salt Lake Meridian, Utah

executed by Elliot Bird, Surveyor, and Transitmen Edward Eliason and Molen Roper under special instructions dated June 4, 1934, and supplemental special instructions dated November 27, 1935, and assignment instructions dated May 25, 1937, 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.

Robert 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 T. 23 S., R. 6 E., Utah. is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.

STATE OF TEXAS
DEPARTMENT OF STATE AFFAIRS
GENERAL LAND OFFICE

FIELD NOTE

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Page

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FEB 18 1938

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

U. S. Department of Interior
Public Survey Office
Salt Lake City, Utah

Book B

FIELD NOTES

OF THE

DEPENDENT RESURVEY
AND

SUBDIVISION OF SECTIONS 3, 4, 9 AND 10,

T. 24 S., R. 4 E.

Of the SALT LAKE Meridian,

the State of UTAH

EXECUTED BY

ELLIOT BIRD,

SURVEYOR

Under special instructions dated JUNE 4, 1934, which provided

for the surveys included under Group No. 259, UTAH, bearing the approval of the

Commissioner of the General Land Office under date of JUNE 26, 1934

Supplemental
and assignment instructions dated MAY 25, 1937

Survey commenced AUGUST 9, 1937

Survey completed SEPTEMBER 29, 1937

BOOK A-521

INDEX DIAGRAM.

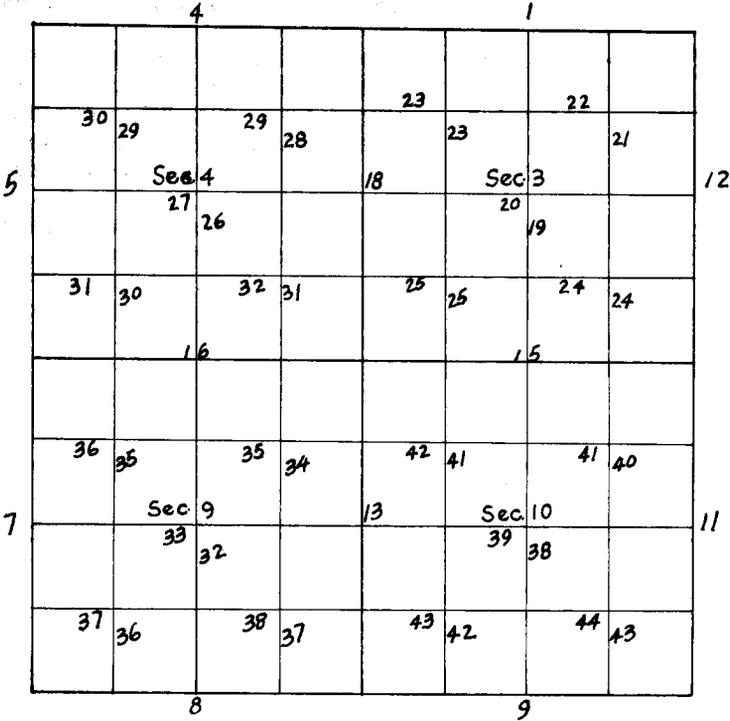
Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

The survey of T. 24 S., R. 4 E. special section 3, 4, 9, and 10, August 15, 1911, and the Survey of 1911.

INDEX DIAGRAM

Secs. 3, 4, 9, and 10, T. 24 S., R. 4 E.



INDEX DIAGRAM

Geog. N. A. P. and IC, T. SA S. E. A. E.

The survey of T. 24 S., R. 4 E., Salt Lake Meridian, Utah, under special instructions for Group 259, Utah, consists of subdivision of section surveys, of sections 3, 4, 9, and 10. The survey commenced August 9, 1937, and was executed with Buff and Buff light mountain transit No. 18003. The instrument is the property of the General Land Office, and is equipped with Smith solar attachment and full vertical circles. The horizontal limb is 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 circle. The instrument was in good condition and adjustment at the time of this survey, and was approved for use on the survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in supplemental assignment instructions issued to Elliot Bird, Surveyor, dated May 25, 1937.

During the progress of this survey, the solar attachment was not used, and all controlling meridians of the survey were established by observations on Polaris. The bearings of the lines were deflected from these meridians by repetition of angles, and carried forward by transit line, taking the mean of direct and reversed sights.

The measurements were made with a Lallie steel ribbon tape 5 chains in length, graduated every link for the first 100 lks., and thereafter at intervals of 10 lks. The tape was tested 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 the transit, and the slope measurements properly reduced to true horizontal distances, which only appear in this record.

DEPENDENT RESURVEY PORTION NORTH BOUNDARY, T. 24 S., R. 4 E.

Reestablishment of surveys executed
by A. D. Ferron, U. S. Deputy Surveyor,
in 1881.

August 9, 1937; at the cor. secs. 2, 3, 34, and 35, on the N. bdy. of T. 24 S., R. 4 E., Salt Lake Meridian, Utah, in approximate latitude $38^{\circ} 45' N.$, longitude $111^{\circ} 27' W.$, at 10h 40.7m a.m. local mean 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 the $\frac{1}{4}$ sec. cor. on the W. bdy. of sec. 2, in a clockwise direction to Polaris.

Watch time of observation (correct
105th Meridian Standard Time) 11h 06.5m a.m.

Mean horizontal angle from the $\frac{1}{4}$ sec.
cor. to Polaris. $176^{\circ} 19'$

Azimuth of Polaris at time of observation. . . $1^{\circ} 19' W.$

True bearing N. half mile bet. secs.
2 and 3. $S.2^{\circ} 22' W.$

The cor. of secs. 2, 3, 34, and 35, is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under Group 143, Utah. I deflect an angle of $176^{\circ} 38'$ in a clockwise direction from the $\frac{1}{4}$ sec. cor. W. bdy. sec. 2.

Thence:

West, on true line, bet. secs. 3 and 34.

Descend gradually along steep broken S. slope of rough mountainous land, through dense timber and scattered tall undergrowth.

DEPENDENT RESURVEY PORTION NORTH BOUNDARY, T. 24 S., R. 4 E.

Chains

- 5.10 Rocky draw, 60 ft. below cor., drains S. 50° E.; ascend abrupt ledgy NE. slope.
- 14.80 High sandstone spur, rimmed with a vertical ledge, 320 ft. above draw, projects SE., about 4.00 chs. dist. to the vertical rim; descend abrupt ledgy SW. slope.
- 17.70 Top of sandstone rim, 120 ft. high, bears N. 80° W. and S. 80° E.
- 19.00 Base of ledges, bears N. 80° W. and S. 80° E.; continue abrupt descent over SW. slope.
- 19.90 Proportionate point:
 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 the E. 1/16 sec. cor. secs. 3 and 34, with brass cap marked
- $$E \frac{1}{16} \frac{S34}{S3}$$

1937

from which

A pinon, 12 ins. diam., bears N. 83° E., 10 lks. dist., marked E 1/16 S34 BT.

A pinon, 10 ins. diam., bears S. 31° E., 49 lks. dist., marked E 1/16 S3 BT.
- 25.00 The witness cor. to the cor. of secs. 2, 3, 34, and 35, which is a sandstone, 24 x 10 x 4 ins., loosely set in a mound of stone, dimly marked WC on N. face. The bearing trees to cor. had been destroyed.
- At the cor. point:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for an angle point on the line bet. secs. 3 and 34, with brass cap marked
- A P

1937

deposit the
- old stone cor. at base of post.
- Thence:
 S. 89° 34' W., with continuous measurement.
- 29.50 Ivy Creek, stream of good water, 15 lks. wide, 6 ins. deep, in bottom of canyon, 270 ft. below spur; flows S. 80° E.; thence across bottom of canyon, through dense cottonwood timber.
- 33.00 Utah State Highway No. 10, bears N. 80° W. to Salina, Utah, and S. 80° E. to Emery, Utah.
- 33.40 Small spring of good water, bears South, 1.00 ch. dist., and the center of a Forest Service camp grounds, bears North, 1.50 chs. dist.
- 35.00 Leave timber and begin abrupt ascent over ledgy NE. slope, through very dense undergrowth.
- 39.40 Top of sandstone ledge, 40 ft. high, bears N. 80° W. and S. 80° E.
- 39.80 The $\frac{1}{2}$ sec. cor. secs. 3 and 34, which is a sandstone, 18 x 12 x 6 ins., firmly set in the ground and mound of stone, marked $\frac{1}{2}$ on N. face.
- At the cor. point; on steep NE. slope, 200 ft. above Ivy Creek.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. deposited at the base of post, for $\frac{1}{2}$ sec. cor., with brass cap marked

$\frac{1}{2}$ $\frac{834}{83}$

1937

from which

A Douglas fir, 14 ins. diam., bears S. $64^{\circ} 30'$ W., 27 lbs. dist., marked $\frac{1}{2}$ 83 BT.

No other bearing tree available.

From this cor., the entrance to the Free Coal Mine, bears S. $76^{\circ} 07'$ W., 5.89 chs.

Thence:

S. $89^{\circ} 25'$ W., with continuous measurement.

Ascend gradually along N. slope of mountainous land, through scattered undergrowth.

- 45.90 Coal chute to the Free Coal Mine, bears N. and S.
- 46.00 Top of ascent on N. slope, 50 ft. above the $\frac{1}{2}$ sec. cor., bears N. and S.; descend gradual NW. slope.
- 56.20 Road to coal mine, bears N. 70° E. and S. 70° W.
- 59.93 Proportionate point; on E. side of bottom lands of Red Creek Canyon, 180 ft. below top of ascent, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 50 ins. in the ground, for the W. $1/16$ sec. cor. secs. 3 and 34, with brass cap marked

W $1/16$ $\frac{834}{83}$

1937

from which

A yellow pine, 4 ins. diam., bears S. $6^{\circ} 20'$ E., 200 lbs. dist., marked W $1/16$ 83 BT.

No other suitable bearing tree available.

Thence across bottom lands of Red Creek Canyon.

- 61.80 Recross road to coal mine, bears N. 40° E., and South, 1.00 ch., thence N. 70° E.
- 64.20 Red Creek, stream of good clear water, 12 lbs. wide, 6 ins. deep, flows N. 40° E.
- 67.20 Road in bottom of Red Creek Canyon, bears NE. and SW.
- 69.80 Leave bottom lands of Red Creek Canyon, bears NE. and SW., and ascend abrupt ledgy SE. slope, through dense timber and scattered undergrowth.
- 80.06 The cor. of secs. 3, 4, 33, and 34, which is a stationary sandstone boulder, 4 x 4 x 4 ft. above ground, on top of which is a cross (+), and 3 grooves to the E. and W. of the cross. Cor. has no accessories.

At the cor. point, which is the cross on top of boulder, 120 ft. above creek.

Chains

ended

Set an iron post, 12 ins. long, 1 in. diam., 10 ins. in hole drilled in the solid sandstone boulder, for cor. secs. 3, 4, 33, and 34, with brass cap marked

T23S R4E	
S33	S34
S4	S3
T24S	

1937

from which

A juniper, 4 ins. diam., bears N. 78° E., 44 lks. dist., marked T23S R4E S34 BT.

A juniper, 14 ins. diam., bears S. 1° 15' E., 5 lks. dist., marked T24S R4E S3 BT.

A juniper, 8 ins. diam., bears S. 64° 30' W., 79 lks. dist., marked T24S R4E S4 BT.

A juniper, 6 ins. diam., bears N. 14° W., 114 lks. dist., marked T23S R4E S33 BT.

Land, rough and mountainous, with a general southerly and northerly exposure and drainage. Sandstone formation. Soil, shallow sand, clay, and rock, with a rocky surface; 4th rate. Undergrowth, service, oak, sage, choke-cherry, and buck brush, mountain mahogany, weeds, and grass. Timber, scrub juniper and pinon. Cottonwood timber along bottom lands of Ivy and Red Creeks. Good grazing land.

S. 89° 25' W., bet. secs. 4 and 33.

Ascend ledgy SE. slope of rough mountainous land, through scattered timber and dense tall undergrowth.

8.30 Ridge, 185 ft. above cor., bears N. 60° E. and S. 60° W.; descend gradually along steep N. slope.

20.21 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the E. 1/16 sec. cor. secs. 4 and 33, with brass cap marked

E 1/16	S33
	S4

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

No suitable bearing trees available.

40.00 Small draw, 40 ft. deep, drains N.; continue descent.

40.42 Proportionate point; on N. slope, 200 ft. below ridge.

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 the restored 1/4 sec. cor. secs. 4 and 33, with brass cap marked

1/4	S33
	S4

1937

DEPENDENT RESURVEY PORTION NORTH BOUNDARY, T. 24 S., R. 4 E.

Chains

from which

A balsam, 6 ins. diam., bears N. 2° 15' E., 28 lks.
dist., marked $\frac{1}{4}$ S33 BT.

A Douglas fir, 15 ins. diam., bears S. 30° E., 53 lks.
dist., marked $\frac{1}{4}$ S4 BT.

60.63

Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the W. $\frac{1}{16}$ sec. cor. secs. 4 and 33, with brass cap marked

W $\frac{1}{16}$ $\frac{S33}{S4}$

1937

from which

A yellow pine, 24 ins. diam., bears N. 56° 45' E., 31 lks.
dist., marked W $\frac{1}{16}$ S33 BT.

A yellow pine, 10 ins. diam., bears S. 87° 30' E., 378 lks.
dist., marked W $\frac{1}{16}$ S4 BT.

62.00

Base of descent on N. slope, 30 ft. below the $\frac{1}{4}$ sec. cor., bears N. and S.; thence ascend gradual NE. slope.

80.84

The cor. of secs. 4, 5, 32, and 33, 110 ft. above base of ascent, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Land, mountainous, with a general northerly exposure and drainage. Sandstone formation.

Soil, shallow and deep, clay, gravel, and sand, mixed with rock; 3rd rate.

Undergrowth, tall oak, service, mountain mahogany, and buck brush, weeds, and grass.

Timber, scattered juniper, pinon, yellow pine, Douglas fir, and balsam. Good grazing land.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Reestablishment of surveys executed by A.D. Ferron, U. S. Deputy Surveyor, in 1881, and resurveyed by Elliot Bird, Surveyor, in 1926, under Group 143, Utah.

From the cor. secs. 4, 5, 32, and 33, on the N. bdy. of the township, heretofore described.

S. 0° 22' W., on true line, along the W. bdy. sec. 4.

Ascend gradually over broken N. and NW. slope of rough mountainous land, through dense timber and tall undergrowth.

20.02

Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. $\frac{1}{16}$ sec. cor. sec. 4, with brass cap marked

N $\frac{1}{16}$
S4

1937

from which

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains	A pinon, 10 ins. diam., bears N. 74° E., 22½ lks. dist., marked N 1/16 S4 BT.
	A pinon, 16 ins. diam., bears S. 28° 45' E., 26 lks. dist., marked N 1/16 S4 BT.
26.00	Top of ridge which forms the divide bet. Tommy Hollow to the N. and North Creek to the S., 120 ft. above sec. cor., bears S. 80° W., and N. 80° E., 3.00 chs. dist., thence N. 20° E.; descend abrupt SE. slope.
33.21	The ¼ sec. cor. sec. 5, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
39.54	In bottom lands of North Creek, 260 ft. below ridge. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the ¼ sec. cor. sec. 4, with brass cap marked
	¼ S4 WC 1937
	from which
	A pinon, 6 ins. diam., bears N. 62° 45' E., 139 lks. dist., marked WC ¼ S4 BT.
	No other suitable bearing tree available.
39.98	The witness cor. to the ¼ sec. cor. sec. 4, which is an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
	This cor. is on the bank of North Creek, and is subject to being washed away by floods.
40.04	True point for the ¼ sec. cor. sec. 4, falls in bottom of North Creek, which is a stream of good clear water, 10 lks. wide, 3 ins. deep, in bottom of canyon, 280 ft. below ridge, flows NE.; ascend gradual N. slope through scattered timber.
60.06	Proportionate point: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the S. 1/16 sec. cor. sec. 4, with brass cap marked
	S 1/16 S4 1937
	from which
	A red cedar, 20 ins. diam., bears N. 62° E., 136 lks. dist., marked S 1/16 S4 BT.
	No other suitable bearing tree available.
65.50	Top of low ridge, 250 ft. above North Creek, which forms the divide bet. North Creek and Clear Creek, bears NE. and SW.; descend gradual SE. slope.
73.19	The cor. of secs. 5 and 8, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
77.60	Wood road, bears N. 80° E. and S. 80° W.
78.30	Draw, 150 ft. below ridge, drains N. 80° E.; ascend gradual N. slope.

Chains

The cor. sps. 4 and 9, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Land, broken and mountainous, with a general easterly and northerly exposure and drainage. Sandstone formation. Soil, shallow loose sand, rock, clay, and gravel; 3rd rate. Undergrowth, sage, oak, mountain mahogany, and service berry brush. Timber, juniper, pinon, red cedar, spruce, and yellow pine. Good grazing land.

S. 0° 11' W., along the W. bdy. sec. 9.

Ascend gradual N. slope of broken mountainous land, through scattered timber and undergrowth.

3.60 Low spur, 40 ft. above cor., projects E.; descend gradually.

7.80 Red Creek, stream of good clear water, 5 lks. wide, 3 ins. deep, in bottom of wide draw, 60 ft. below spur, flows NE.; ascend gradual NW. slope.

20.06 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. 1/16 sec. cor. sec. 9, with brass cap marked

N 1/16

89

1937

from which

A red cedar, 10 ins. diam., bears N. 2° 30' E., 101 lks. dist., marked N 1/16 89 BT.

No other suitable bearing tree available.

33.12 The 1/2 sec. cor. sec. 8, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

40.12 The 1/2 sec. cor. sec. 9, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Thence:

S. 0° 27' W., with continuous measurement.

60.12 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the S. 1/16 sec. cor. sec. 9, with brass cap marked

S 1/16

89

1937

from which

A pinea, 18 ins. diam., bears N. 76° 30' E., 157 lks. dist., marked S 1/16 89 BT.

No other suitable bearing tree available.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains

- 64.50 Top of divide ridge bet. Clear Creek and Red Creek, 510 ft. above Red Creek, bears N. 60° E. and S. 60° W.; leaves timber, bears with ridge, descend abrupt SE. slope.
- 73.12 The closing cor. secs. 8 and 16, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
- 80.12 The SW. cor. of sec. 9, 140 ft. below ridge, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., Group 143, Utah.

Land, broken and mountainous, with a general northerly and southeasterly exposure and drainage. Sandstone formation. Undergrowth, oak, sage, mahogany, and service berry brush. Soil, shallow loose sand, clay, shale, and rock; 4th rate. Timber, pinon, juniper, red cedar, spruce, and yellow pine. Good grazing land.

August 12, 1937; stationed at the SW. cor. of sec. 9, in approximate latitude 38° 43' N., longitude 111° 29' W., at 8h 59.1m a.m. local mean 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 15 chains N., in a counter clockwise direction to the star.

Watch time of observation, (correct 105th Meridian Standard Time)..... 9h 25.0m a.m.
 Mean horizontal deflection angle from flag pole to star..... 1° 15' W.
 Azimuth of Polaris at time of observation..... 1° 15' W.
 True bearing to flag pole..... North.

I deflect an angle of 90° 27' in a clockwise direction from the true meridian:

Thence:

S. 89° 33' E., along the S. bdy. sec. 9.

Descend gradual SE. slope of rolling mountainous land, through dense short undergrowth.

- 10.30 Draw, 80 ft. below cor., drains N. 35° E.; ascend gradual NW. slope.
- 13.75 Trail, bears N. and S.
- 20.11 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the W. 1/16 sec. cor. sec. 9, with brass cap marked

W 1/16 S9

1937

from which

A lone pinon, 14 ins. diam., bears N. 87° 15' E., 259 lks. dist., marked W 1/16 S9

- 28.90 Top of ascent 110 ft. above draw, bears N. and S. 30° W.; descend gradual E. slope.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains

- 29.82 The $\frac{1}{4}$ sec. cor. sec. 16, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
- 35.00 Enter scattered timber, bears N. and S.
- 40.22 The $\frac{1}{4}$ sec. cor. sec. 9, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
- Thence:
- S. 89° 58' E., with continuous measurement.
- 45.00 Descent becomes abrupt, bears N. 20° E. and S. 20° W.
- 50.00 Undergrowth becomes tall and dense, bears N. 20° E. and S. 20° W.
- 54.50 Descent becomes more abrupt, bears NE. and SW.
- 59.92 Proportionate point:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for E. 1/16 sec. cor. sec. 9, with brass cap marked
- E 1/16 S9
- 1937
- from which
- A juniper, 6 ins. diam., bears N. 55° E., 95 lks. dist., marked E 1/16 S9 BT.
- No other suitable bearing tree available.
- 65.40 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in hollow, 450 ft. below top of ascent, flows N. 30° E.; ascend steep NW. slope through scattered timber and dense undergrowth.
- 69.73 The closing cor. secs. 15 and 16, which is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
- 79.62 On abrupt NW. slope, 300 ft. above Clear Creek:
The cor. of secs. 9 and 10, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.
- Land, rolling and mountainous, with a general northeasterly exposure and drainage. Sandstone and shale formation.
Soil, shallow loose sand, clay, and rock, with a rocky surface; 4th rate.
Undergrowth, tall and short, sage, mahogany, oak, and service berry brush.
Timber, juniper, pinon, and yellow pine on portions of mile.
Good grazing land.
-
- S. 89° 27' E., along the S. bdy. sec. 10.
- Ascend abrupt NW. slope of broken mountainous land, through dense undergrowth and scattered timber.
- 13.00 Spur, 70 ft. above cor., projects N.; descend gradually along N. slope.
- 17.00 Small draw, 40 ft. below spur, drains N.; ascend gradual W. slope.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains	and 50
20.10	<p>Proportionate point; mark a cross (+) on the surface rock, over which Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for the W. 1/16 sec. cor. sec. 10, with brass cap marked</p> <p style="text-align: center;"><u>W 1/16 S10</u></p> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A pinon, 10 ins. diam., bears N. 56° 30' W., 41 lks. dist., marked W 1/16 S10 BT.</p> <p>No other suitable bearing tree available.</p>
24.00	<p>Spur, 30 ft. above draw, projects N.; descend abrupt E. slope.</p>
30.21	<p>The 1/4 sec. cor. sec. 15, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.</p>
33.80	<p>Gulch which forms the E. fork of Clear Creek, 310 ft. below spur, drains N. 20° W.; ascend steep W. slope.</p>
40.20	<p>The 1/4 sec. cor. sec. 10, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.</p>
	<p>Thence: N. 89° 35' E., with continuous measurement.</p>
56.70	<p>Ridge, 240 ft. above the 1/4 sec. cor., bears N. 20° W. and S. 20° E.; descend gradual NE. slope.</p>
60.18	<p>Proportionate point: Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the E. 1/16 sec. cor. sec. 10, with brass cap marked</p> <p style="text-align: center;"><u>E 1/16 S10</u></p> <p style="text-align: center;">1937</p> <p style="text-align: right;">from which</p> <p>A yellow pine, 18 ins. diam., bears N. 86° 45' E., 218 lks. dist., marked E 1/16 S10 BT.</p> <p>A yellow pine, 18 ins. diam., bears N. 67° 30' W., 188 lks. dist., marked E 1/16 S10 BT.</p>
62.20	<p>Draw, 20 ft. below cor., drains N.; ascend gradual NW. slope.</p>
68.00	<p>Small draw, 20 ft. deep, drains NW.; continue ascent.</p>
70.27	<p>The closing cor. secs. 14 and 15, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.</p>
79.30	<p>Small draw, 30 ft. deep, drains NW.; continue ascent.</p>
80.16	<p>The SE. cor. of secs. 10, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.</p> <p>Land, broken and mountainous, with a general northerly exposure and drainage. Sandstone and shale formation. Soil, shallow loose sand, rock, and clay, with rocky surface; 4th rate. Undergrowth, short and tall sage, oak, service berry, mahogany, and buck brush. Timber, aspen, pinon, red cedar; juniper and yellow pine. Good grazing land.</p>

Chains

N. 0° 16' E., along the E. bdy. sec. 10.

Ascend gradually along general W. slope of high mountainous land, through dense timber and undergrowth.

7.64 The cor. of secs. 11 and 14, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

9.30 Top of ascent, 35 ft. above the SE. cor. sec. 10, bears E. and W.; descend gradually along NW. slope.

20.05 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the S. 1/16 sec. cor. sec. 10, with brass cap marked

S 1/16

S10

1937

deposit a sandstone, 12 x 10 x 4 ins., at base of post, marked X.

No other suitable accessories available.

40.11 The 1/4 sec. cor. sec. 10, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

August 16, 1937; stationed at the 1/4 sec. cor. E. bdy. sec. 10, in approximate latitude 38° 44' N., longitude 111° 27' W., at 9h 58.4m a.m. local mean 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 the cor. of secs. 3 and 10, in a counter clockwise direction to the star.

Watch time of observation (correct 105th Meridian Standard Time).....	10h 24.2m a.m.
Mean horizontal deflection angle from cor. secs. 3 and 10 to star.....	1° 32' W.
Azimuth of Polaris.....	1° 20' W.
True bearing to cor. of secs. 3 and 10.....	N. 0° 12' E.

Thence; from the above cor.

N. 0° 12' E., with continuous measurement.

47.61 The 1/4 sec. cor. sec. 11, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

51.80 Leave timber, bears N. 30° E. and S. 30° W.

60.27 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. 1/16 sec. cor. sec. 10; with brass cap marked

N 1/16

S10

1937

raise a

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

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

added

Chains

65.00 Wash, 40 lks. wide, 30 ft. deep, in bottom of wide open draw, 430 ft. below top of ascent, drains N. 30° E.; ascend gradual SE. slope.

80.43 The cor. of secs. 3 and 10, which is an iron post, 2-ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Cor. set on gradual SE. slope, 60 ft. above draw.

Land, broken and mountainous, with a general northerly exposure and drainage. Sandstone and shale formation.
Soil, shallow and deep light blue clay, with a rocky surface; 3rd rate undergrowth, short and tall sage, rabbit, oak, choke-cherry, service berry, and buck brush.
Timber, pinon, juniper, and yellow pine on portion of mile.
Good grazing land.

N. 0° 12' E., along the E. bdy. sec. 3.

Ascend gradual SE. slope of broken mountainous land, through dense short and tall undergrowth and very scattered timber.

7.16 The cor. secs. 2 and 11, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

20.04 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the S. 1/16 sec. cor. sec. 3, with brass cap marked

S 1/16
S3

1937

from which

A red cedar, 5 ins. diam., bears N. 31° 45' W., 92 lks. dist., marked S 1/16 S3 BT.

No other suitable bearing trees available.

30.50 Head of small draw, 30 ft. deep, drains E.; continue ascent over SE. slope.

36.00 Ridge, 100 ft. above the cor. secs. 3 and 10, bears N. 35° E. and S. 35° W.; descend gradually along NW. slope.

40.09 The 1/4 sec. cor. sec. 3, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Thence:

N. 2° 22' E., with continuous measurement.

47.14 The 1/4 sec. cor. sec. 2, which is an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

60.42 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. 1/16 sec. cor. sec. 3, with brass cap marked

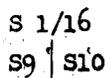
Chains

8 x 10 ft. SI, ... N 1/16 S3
 1937
 from which
 A Douglas fir, 10 ins. diam., bears S. 37° 15' W.,
 11 lks. dist., marked N 1/16 S3 BT.
 A pinon, 10 ins. diam., bears N. 29° 30' W., 205
 lks. dist., marked N 1/16 S3 BT.
 68.80 Utah State Highway No. 10, bears N. 60° E. to Emery, Utah, and S. 60°
 W. to Salina, Utah.
 72.70 Ivy Creek, stream of good clear water, 12 lks. wide, 6 ins. deep, in
 bottom of canyon, 540 ft. below ridge, flows N. 80° E.; ascend abrupt
 S. slope through dense timber.
 76.90 Small draw, 10 ft. deep, drains S. 70° E.; continue ascent.
 81.36 The cor. secs. 2, 3, 34, and 35, 50 ft. above creek, heretofore
 described, on the N. bdy. of the Twp.
 Land, broken and mountainous, with a general southeasterly and north-
 westerly exposure and drainage. Sandstone and shale formation.
 Soil, shallow sand, clay, and gravel, with a rocky surface; 4th rate.
 Undergrowth, short and tall sage, rabbit, mahogany, service berry,
 and buck brush.
 Timber, pinon, juniper, spruce, cottonwood, and Douglas fir, on
 portions of mile.
 Good grazing land.

Reestablishment of surveys executed by A. D. Ferron,
 U. S. Deputy Surveyor, in 1881.

From the cor. of secs. 9 and 10, heretofore described.
 N. 0° 16' E., on true line, bet. secs. 9 and 10.
 Descend abrupt NW. slope of high rough mountainous land, through
 dense timber and tall undergrowth.

19.73 Proportionate point:
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground,
 for the S. 1/16 sec. cor. secs. 9 and 10, with brass cap marked



1937
 from which

A pinon, 7 ins. diam., bears S. 17° 15' E., 169 lks.
 dist., marked S 1/16 S10 BT.
 A juniper, 4 ins. diam., bears S. 17° W., 156 lks.
 dist., marked S 1/16 S9 BT.

21.70 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep,
 in bottom of canyon, 320 ft. below sec. cor., flows N. 35° E.; ascend
 abrupt broken SE. slope.
 24.50 Draw, 30 ft. deep, drains NE, 3.00 chs. dist. to Clear Creek; con-
 tinue ascent.

DEPENDENT RESURVEY PORTION OF SUBDIVISIONS, T. 24 S., R. 4 E.

27 1/2

Chains

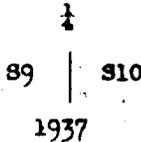
39.46

The 1/4 sec. cor. secs. 9 and 10, which is a sandstone, 12 x 10 x 8 ins. firmly set, marked 1/4 on W. face. Cor. is witnessed by one bearing tree as follows:

A pinon, 14 ins. diam., bears S. 30° E., 48 lks. dist., marked 1/4 S BT. I blaze and mark this tree 1/4 S10 BT.

At the cor. point; on steep SE. slope, 180 ft. above Clear Creek.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. stone deposited at base of post, for 1/4 sec. cor. secs. 9 and 10, with brass cap marked



I mark an additional bearing tree to cor. as follows:

A pinon, 8 ins. diam., bears N. 51° 45' W., 44 lks. dist., marked 1/4 S9 BT.

Thence:

N. 2° 20' E., with continuous measurement.

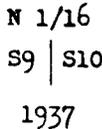
52.00

Top of high spur, 250 ft. above the 1/4 sec. cor., slopes NE.; descend gradual NE. slope.

61.19

Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. 1/16 sec. cor. secs. 9 and 10, with brass cap marked



from which

A pinon, 5 ins. diam., bears N. 85° W., 176 lks. dist., marked N 1/16 S9 BT.

No other suitable bearing tree available.

61.80

Slope changes from a gradual NE. slope to an abrupt N. slope.

76.50

Draw, 400 ft. below spur, drains N. 80° E.; ascend abrupt ledgy S. slope

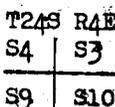
82.92

The cor. of secs. 3, 4, 9, and 10, which is a sandstone, 16 x 12 x 6 ins., firmly set, marked 5 notches on S. edge and 3 notches on E. edge. Cor. is witnessed by one bearing tree as follows:

A pinon, 12 ins. diam., bears S. 23° 30' W., 20 lks. dist., marked S9 T24S R4E BT.

At the cor. point; on steep S. slope, 130 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the original cor. stone deposited at base of post, for cor. secs. 3, 4, 9, and 10, with brass cap marked



1937

Chains

I mark additional bearing trees to cor. as follows:

A pinon, 12 ins. diam., bears N. 70° 15' E., 82 lks. dist., marked T24S R4E S3 BT.

A pinon, 14 ins. diam., bears S. 33° E., 63 lks. dist., marked T24S R4E S10 BT.

A juniper, 5 ins. diam., bears N. 7° 45' W., 11 lks. dist., marked T24S R4E S4 BT.

Land, rough and mountainous, with a general northerly and easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay, sand, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, short and tall sage, oak, service berry, choke-cherry, and buck brush, mountain mahogany, grass, and weeds.

Timber, juniper, pinon, and yellow pine; cottonwood trees along bottom lands of Clear Creek.

Good grazing land.

S. 88° 10' E., bet. secs. 3 and 10.

Descend gradually along steep ledgy S. slope of high mountainous land, through dense timber and scattered undergrowth.

15.60 Small draw, 15 ft. deep, drains S. 30° E.; continue descent along steep S. slope.

16.44 From this point, a one room frame house at the Clear Creek Coal Mine, bears S. 10° 07' W., 3.02 chs. dist.

The East Entry to the Clear Creek Coal Mine, bears S. 9° 13' W., 1.87 chs. dist.

The West Entry to the Clear Creek Coal Mine, bears S. 36° 55' W., 2.56 chs. dist.

A small spring of good water, bears S. 25° 30' E., 3.37 chs. dist. Spring is located at the SW. cor. of the tipple to the Clear Creek Coal Mine.

19.63 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the W. 1/16 sec. cor. secs. 3 and 10, with brass cap marked.

W 1/16 $\frac{S3}{S10}$

1937

from which

A pinon, 14 ins. diam., bears N. 8° E., 46 lks. dist., marked W 1/16 S3 BT.

A juniper, 12 ins. diam., bears S. 45° E., 14 lks. dist., marked W 1/16 S10 BT.

29.30 Road, bears N. 20° E. and SW.

31.40 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of canyon, 390 ft. below sec. cor., flows N. 20° E.; timber becomes scattered bears N. and S.; ascend abrupt W. slope.

39.26 Proportionate point; on steep W. slope, 140 ft. above Clear Creek.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored 1/2 sec. cor. secs. 3 and 10, with brass cap marked.

54

BOOK A-100

DEPENDENT RESURVEY PORTION OF SUBDIVISION, TAZEWELL, R. 4 E.

Chains

$\frac{1}{4}$ $\frac{S3}{S10}$
1937

from which

A pinon, 10 ins. diam., bears N. 62° E., 127 lks.
dist., marked $\frac{1}{4}$ S3 BT.

A pinon, 6 ins. diam., bears S. 8° E., 71 lks.
dist., marked $\frac{1}{4}$ S10 BT.

Continue abrupt ascent over W. slope.

58.89 Proportionate point; on steep W. slope, 370 ft. above the $\frac{1}{4}$ sec. cor.

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 the E. 1/16 sec. cor. secs. 3 and 10, with brass cap marked

E 1/16 $\frac{S3}{S10}$
1937

from which

A pinon, 4 ins. diam., bears N. 53° 30' E., 201 lks.
dist., marked E 1/16 S3 BT.

A pinon, 5 ins. diam., bears S. 14° 45' E., 260 lks.
dist., marked E 1/16 S10 BT.

67.10 Ridge, 60 ft. above the E. 1/16 sec. cor., bears N. 20° E. and S. 20° W.; descend abrupt SE. slope.

78.52 The cor. secs. 3 and 10, heretofore described, 260 ft. below ridge.

Land, rough and mountainous, with a general southerly and westerly exposure and drainage. Sandstone and shale formation. Soil, shallow gravel, clay, and rock, with a rocky surface; 4th rate. Undergrowth, short and tall sage, oak, service berry, and rabbit brush, mountain mahogany, weeds, and grass. Timber, juniper, pinon, and spruce. Good grazing land.

From the cor. secs. 3, 4, 9, and 10.

S. 88° 11' W., bet. secs. 4 and 9.

Ascend gradually along steep S. slope of rough mountainous land, through dense timber and undergrowth.

20.28 Proportionate point; on S. slope, 70 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 the E. 1/16 sec. cor. secs. 4 and 9, with brass cap marked

E 1/16 $\frac{S4}{S9}$
1937

from which

A pinon, 6 ins. diam., bears N. 23° 30' E., 199 lks.
dist., marked E 1/16 S4 BT.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains

A pinon, 6 ins. diam., bears S. 23° E., 69 lks. dist., marked E 1/16 S9 BT.

24.70 Small draw, 20 ft. deep, drains S.; continue ascent.

32.30 Divide ridge bet. Red Creek and Clear Creek, 85 ft. above the E. 1/16 sec. cor., bears N. 60° E. and SW.; descend abrupt NW. slope.

40.55 Proportionate point; on steep NW. slope, 100 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored 1/4 sec. cor. secs. 4 and 9, with brass cap marked

1/4 $\frac{S4}{S9}$

1937

from which

A juniper, 14 ins. diam., bears N. 23° 30' E., 32 lks. dist., marked 1/4 S4 BT.

A pinon, 8 ins. diam., bears S. 34° E., 75 lks. dist., marked 1/4 S9 BT.

Continue descent over NW. slope.

60.83 Proportionate point; on steep NW. slope, 250 ft. below the 1/4 sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the W. 1/16 sec. cor. secs. 4 and 9, with brass cap marked

W 1/16 $\frac{S4}{S9}$

1937

from which

A yellow pine, 14 ins. diam., bears N. 9° 45' E., 151 lks. dist., marked W 1/16 S4 BT.

A pinon, 12 ins. diam., bears S. 17° W., 42 lks. dist., marked W 1/16 S9 BT.

62.00 Enter bottom lands of Red Creek Canyon, bears NE. and SW.

67.70 Red Creek, stream of good clear water, 12 lks. wide, 6 ins. deep, in bottom of canyon, 30 ft. below the W. 1/16 sec. cor., flows NE.; the junction of draw from the W., bears North, 2.00 chs. dist.

71.80 The N. side of a circular corral, at the W. side of Red Creek Canyon, bears NE. and SW.; ascend gradual NE. slope.

75.00 Bend in wash, 20 lks. wide, 10 ft. deep, in draw, drains S. 80° E. from N. 80° W.; continued ascent.

75.80 Small spring of good water, in dense clump of birch, bears South, 1.00 ch. dist.

81.10 The cor. of secs. 4 and 9, heretofore described, 60 ft. above Red Creek.

Land, broken and mountainous, with a general southerly and northwesterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, sage, oak, service berry, and rabbit brush, weeds, and grass.

Timber, juniper, pinon, spruce, and yellow pine; cottonwood trees along bottom of Red Creek Canyon.

Good grazing land.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains

From the cor. secs. 3, 4, 9, and 10.

N. 0° 16' E., bet. secs. 3 and 4.

Ascend abrupt S. slope of rough mountainous land, through dense timber and undergrowth.

13.60

Leave timber and enter flat top of divide ridge bet. Red Creek and Clear Creek, 380 ft. above sec. cor., bears N. 50° E. and S. 50° W.; thence over flat top of ridge.

19.51

Proportionate point; at NW. edge of flat top of ridge, bears NE. and SW.

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 the S. 1/16 sec. cor. secs. 3 and 4, with brass cap marked

S 1/16

S4 | S3

1937

deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked X.

Thence descend abrupt NW. slope through scattered clumps of timber.

39.02

The 1/4 sec. cor. secs. 3 and 4, which is a sandstone, 18 x 14 x 12 ins. firmly set, marked 1/4 on W. face. Cor. has no accessories.

At the cor. point; on steep SW. slope, 380 ft. below top of ridge.

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, with the original cor. stone deposited at the base of post, for 1/4 sec. cor. secs. 3 and 4, with brass cap marked

1/4

S4 | S3

1937

No suitable bearing trees available, thence N. 0° 11' E., with continuous measurement.

55.60

Descent becomes more gradual, bears NE. and SW.

58.51

Proportionate point; on gradual NW. slope, 280 ft. below the 1/4 sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the N. 1/16 sec. cor. secs. 3 and 4, with brass cap marked

N 1/16

S4 | S3

1937

from which

A pinon, 6 ins. diam., bears N. 78° E., 298 lks. dist., marked N 1/16 S3 BT.

A juniper, 10 ins. diam., bears N. 41° 30' W., 232 lks. dist., marked N 1/16 S4 BT.

67.80

Red Creek, stream of good clear water, 12 lks. wide, 3 ins. deep, in bottom of canyon, 55 ft. below the N. 1/16 sec. cor., flows NE.; ascend gradual SE. slope.

69.70

Road, bears NE. and SW.

DEPENDENT RESURVEY PORTION OF SUBDIVISION, T. 24 S., R. 4 E.

Chains

71.00 Ascend becomes abrupt, bears NE. and SW.

78.35 The cor. secs. 3, 4, 33, and 34, on the N. bdy. of the township, 150 ft. above Red Creek, heretofore described. Land, broken and mountainous, with a general southeasterly and north-westerly exposure and drainage. Sandstone, shale, and volcanic formation. Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate. Undergrowth, sage, rabbit, oak, service berry, and buck brush, weeds, and grass. Timber, juniper and pinon; cottonwood trees along bottom of Red Creek Canyon. Good grazing land.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Sec. 3

From the $\frac{1}{4}$ sec. cor. secs. 3 and 10, N. 01° 59' E., on true line on N. and S. center line sec. 3. Descend gradually along abrupt NW. slope of rough mountainous land, through dense timber and undergrowth.

0.05 From this point, a frame house which I designate No. 1, bears N. 68° 20' W.

A frame house which I designate No. 2, bears N. 61° 00' W.

A frame house which I designate No. 3, bears N. 44° 00' W.

A group of small frame houses, bear N. 38° 30' W.,

A scale house where coal is weighed, bears N. 47° 35' W.

6.01 Frame house designated No. 1, bears S. 75° 15' W.

Frame house designated No. 2, bears S. 72° 10' W.

Frame house designated No. 3, bears N. 87° 45' W.

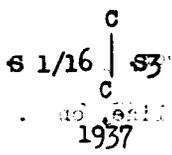
A group of small frame houses, bear N. 86° 45' W.

A scale house where coal is weighed, bears N. 86° 30' W.

19.00 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in canyon, 200 ft. below the $\frac{1}{4}$ sec. cor., flows N. 35° E.; ascend gradual SE. slope.

19.78 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center S. 1/16 sec. cor. sec. 3, with brass cap marked



from which

A cottonwood, 12 ins. diam., bears S. 55° 30' E., 51 lks. dist., marked CS 1/16 S3 BT.

22.60 Road to Clear Creek Coal Mine, bears N. 35° E. and S. 35° W.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

encl 123

Chains

24.00

Base of abrupt ascent over ledgy SE. slope, bears N. 35° E. and S. 35° W.

39.56

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 the center 1/4 sec. cor. sec. 3, with brass cap marked

C 1/4 S3

1937

from which

A juniper, 12 ins. diam., bears S. 18° 15' W., 35 lks. dist., marked C 1/4 S3 BT.

A pinon, 10 ins. diam., bears N. 18° 30' W., 21 lks. dist., marked C 1/4 S3 BT.

Cor. set on ledgy SE. slope, in an outcropping of coal, 335 ft. above Clear Creek.

58.10

Top of divide ridge bet. Ivy Creek and Clear Creek, 240 ft. above the center 1/4 sec. cor. sec. 3, bears NE. and SW.; descend abrupt N. slope.

59.52

Proportionate point; on abrupt N. slope, 50 ft. below top of ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center N. 1/16 sec. cor. sec. 3, with brass cap marked

C
N 1/16 | S3
C

1937

from which

A mahogany, 8 ins. diam., bears N. 36° E., 17 lks. dist., marked CN 1/16 S3 BT.

A mahogany, 8 ins. diam., bears S. 77° W., 39 lks. dist., marked CN 1/16 S3 BT.

Continue abrupt descent over steep N. slope.

79.97

The 1/4 sec. cor. secs. 3 and 34, on the N. bdy. of the township, 470 ft. below ridge.

Land, broken and mountainous, with a general southeasterly and norther exposure and drainage. Sandstone, shale, and volcanic formation. Soil, shallow gravel, clay, and rock, with a rocky surface; 4th rate. Undergrowth, sage, rabbit, service berry, and buck brush, weeds, and grass. Timber, juniper, pinon, spruce, and balsam, Cottonwood trees along bottom lands of Clear Creek. Good grazing land.

From the 1/4 sec. cor. secs. 3 and 4.

S. 89° 06' E., on true line, on E. and W. center line sec. 3.

Ascend abrupt NW. slope of high mountainous land, through dense tall undergrowth.

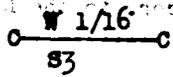
19.88

Proportionate point; on top of divide ridge bet. Clear Creek and Red Creek, 230 ft. above the 1/4 sec. cor., bears NE. and SW.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

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 the center W. 1/16 sec. cor. sec. 3, with brass cap marked



1937

deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked X.

Thence descend abrupt ledgy SE. slope, through dense timber.

39.76

The center 1/4 sec. cor. sec. 3.

51.60

Road to the Clear Creek Coal Mine, bears N. 30° E. and S. 30° W;

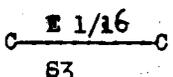
53.30

Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of canyon, 800 ft. below ridge, flows N. 30° E.; ascend abrupt NW. slope.

59.12

Proportionate 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, for the center E. 1/16 sec. cor. sec. 3, with brass cap marked



1937

from which

A pinon, 8 ins. diam., bears S. 44° 15' E., 65 lks. dist., marked CE 1/16 S3 BT.

A pinon, 10 ins. diam., bears S. 57° W., 69 lks. dist., marked CE 1/16 S3 BT.

78.48

The 1/4 sec. cor. on E. bdy. sec. 3, 275 ft. above Clear Creek, heretofore described:

Land, rough and mountainous, with a general southeasterly and north-westerly exposure and drainage. Soil, shallow gravel, clay, and rock, with a rocky surface; 4th rate. Undergrowth, tall service berry, sage, rabbit, mountain mahogany, and buck brush, weeds, and grass. Timber, juniper, pinon, and spruce. Good grazing land.

From the center E. 1/16 sec. cor. sec. 3.

N. 1° 39' E., on true line, on N. and S. center line NE. 1/4 sec. 3.

Descend abrupt NW. slope of rough mountainous land, through dense timber and undergrowth.

9.50

Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in canyon, 180 ft. below cor., flows N. 35° E.; ascend abrupt SE. and E. slopes.

12.20

Road to Clear Creek Coal Mine, bears N. 35° E. and S. 35° W.

14.00

Ascent becomes more abrupt, bears N. 35° E. and S. 35° W.

20.14

True point for the NE. 1/16 sec. cor. sec. 3, falls on E. face of ledge where it is impracticable to set a cor.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains	
20.84	<p>On sandstone ledge, mark a cross (+), over which:</p> <p>Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for witness cor. to the NE. 1/16 sec. cor. sec. 3, with brass cap marked</p> <p style="text-align: center;">NE 1/16 S3 WC 1937</p> <p>No suitable bearing trees available.</p> <p>Cor. set on top of sandstone ledge, faces SE. and bears N. 35° E. and S. 35° W., near top of divide ridge bet. Ivy Creek and Clear Creek.</p>
22.23	<p>From this point, the E. gable of Antone Jensen's frame house, bears N. 22° 00' W.</p> <p>The W. gable of a Utah State Road Commission maintenance house bears N. 53° 37' E.</p> <p>The N. gable of Joe Christensen's log cabin, bears N. 57° 35' E.</p> <p>The junction of Ivy Creek and Clear Creek, bears N. 62° E.</p> <p>A bridge over Clear Creek, bears N. 71° 45' E.</p> <p>For intersecting bearings, see those given at the end of this half mile</p>
22.30	<p>Top of ledgy point and divide bet. Ivy Creek and Clear Creek, 210 ft. above Clear Creek, bears SW. and slopes abruptly to the NE.; descend abrupt NE. slope.</p>
32.00	<p>Utah State Highway No. 10, bears N. 60° W. and S. 60° E.; thence across bottom lands of Ivy Creek; dense cottonwood trees along banks of creek</p>
35.40	<p>Ivy Creek, stream of good clear water, 12 lks. wide, 6 ins. deep, flows S. 70° E.; ascend abrupt ledgy SW. slope.</p>
40.89	<p>The E. 1/16 sec. cor. secs. 3 and 34, 180 ft. above stream, heretofore described, on the N. bdy. of the Tp.</p> <p>From this cor., the E. gable of Antone Jensen's house, bears S. 64° 55' W.</p> <p>The W. gable of a Utah State Road Commission maintenance house, bears S. 23° 20' E.</p> <p>The N. gable of Joe Christensen's log house, bears S. 15° E.</p> <p>A bridge over Clear Creek, bears S. 25° E.</p> <p>The junction of Red Creek and Clear Creek, bears S. 46° E.</p> <p>Land, rough and mountainous. Soil, shallow clay, rock, and gravel; 4th rate. Undergrowth, sage, rabbit, service berry, and oak brush. Timber, juniper, pinon, and cottonwood. Good grazing land.</p>
	<p>From the center N. 1/16 sec. cor. secs. 3.</p> <p>S. 89° 35' E., on true line, on E. and W. center line NE. 1/4 sec. 3.</p> <p>Descend gradually along steep N. and NE. slopes of high rough mountainous land, through dense undergrowth and scattered timber.</p>

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains	
11.00	Top of divide ridge bet. Ivy Creek and Clear Creek, 220 ft. below cor., bears S. 75° W. and slopes N. 35° E.; ascend abrupt ledgy SE. slope.
18.70	Top of sandstone ledge, about 100 ft. high, faces SE. and bears N. 35° E. and S. 35° W.
19.63	The true point for the NE. 1/16 sec. cor. sec. 3, which is S. 1° 39' W., 70 lks. dist. from the witness cor. to the NE. 1/16 sec. cor. sec. 3.
23.70	Road to Clear Creek Coal Mine, bears N. 25° E. and S. 25° W.
25.30	Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of canyon, 450 ft. below ridge, flows N. 25° E.; ascend abrupt NW. slope.
29.00	Ascent becomes more abrupt, bears N. 25° E. and S. 25° W.
39.26	The N. 1/16 sec. cor. on E. bdy. sec. 3, 150 ft. above creek.
	Land, rough and mountainous. Soil, clay, sand, and rock; 4th rate. Undergrowth, service berry, sage, rabbit, and oak brush. Timber, juniper, pinon, and spruce. Good grazing land.
	From the center W. 1/16 cor. of sec. 3
	N. 0° 36' E., on true line, on N. and S. center line NW. 1/4 sec. 3.
	Descend gradual NW. slope of high mountainous land, through scattered undergrowth and timber.
0.75	Descent becomes abrupt, bears NE. and SW.
19.73	On abrupt NW. slope, 420 ft. below the center W. 1/16 sec. cor. sec. 3.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NW. 1/16 sec. cor. sec. 3, with brass cap marked
	NW 1/16 S3
	1937
	from which
	A yellow pine, 10 ins. diam., bears N. 47° 30' E., 62 lks. dist., marked NW 1/16 S3 BT.
	A pinon, 12 ins. diam., bears S. 31° 45' W., 15 1/2 lks. dist., marked NW 1/16 S3 BT.
38.00	Road to the Free Coal Mine, bears NE. and SW.
39.88	The W. 1/16 sec. cor. secs. 3 and 34, on the N. bdy. of the township, 350 ft. below the NW. 1/16 sec. cor. sec. 3.
	Land, mountainous. Soil, deep gravel and rock; 4th rate. Undergrowth, sage, service berry, and oak brush. Timber, juniper, pinon, spruce, and yellow pine. Good grazing land.
	From the N. 1/16 sec. cor. secs. 3 and 4.
	S. 89° 45' E., on E. and W. center line NW. 1/4 sec. 3.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

angle 0

Ascend abrupt NW. slope of high mountainous land, through scattered timber and dense undergrowth.

- 20.00 The NW. 1/16 sec. cor. sec. 3.
- 28.70 Enter dense growth of Douglas fir timber, bears N. 25° E. and S. 25°
- 37.00 Top of ascent, 490 ft. above the N. 1/16 sec. cor. secs. 3 and 4, bears NW. and SE.; descend gradually along E. slope.
- 40.00 The center N. 1/16 sec. cor. sec. 3, 60 ft. below top of ascent.

Land, high and mountainous.
 Soil, deep gravel and rock; 4th rate.
 Undergrowth, sage, oak, service berry, mountain mahogany, and buck brush.
 Timber, juniper, pinon, and Douglas fir.
 Good grazing land.

From the E. 1/16 sec. cor. secs. 3 and 10.

N. 0° 34' E., on true line, on N. and S. center line SE. 1/4 sec. 3.

Descend abrupt NW. slope of high mountainous land, through scattered timber and dense undergrowth.

- 19.91 On steep NW. slope, 230 ft. below cor.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SE. 1/16 sec. cor. sec. 3, with brass cap marked

SE 1/16 S3

1937

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

No suitable bearing trees available.

- 39.83 The center E. 1/16 sec. cor. secs. 3, 280 ft. below the SE. 1/16 sec. cor. sec. 3.

Land, high and mountainous.
 Soil, deep gravel and rock; 4th rate.
 Undergrowth, sage, service berry, mountain mahogany, and buck brush.
 Timber, juniper and pinon.
 Good grazing land.

From the center S. 1/16 sec. cor. sec. 3.

S. 88° 34' E., on true line, on E. and W. center line SE. 1/4 sec. 3.

Descend gradually over rough mountainous land, through scattered timber and dense undergrowth.

- 1.10 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in canyon, 10 ft. below cor., flows N. 35° E.; ascend abrupt NW. slope.
- 19.51 Intersect the SE. 1/16 sec. cor. sec. 3.
- 34.00 Top of high ridge, 410 ft. above Clear Creek, bears N. 30° E. and S. 30° W.; descend abrupt SE. slope.
- 39.03 The S. 1/16 sec. cor. E. bdy. sec. 3, 80 ft. below ridge.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

Land, high and mountainous.
Soil, deep gravel, clay, and rock; 4th rate.
Undergrowth, sage, rabbit, service berry, oak, mountain mahogany, and buck brush.
Timber, juniper and pinon.
Good grazing land.

From the W. 1/16 sec. cor. secs. 3 and 10.

N. 0° 38' E., on true line, on N. and S. center line SW. 1/4 sec. 3.

Ascend abrupt SE. slope of high mountainous land, through dense timber and scattered undergrowth.

16.00 Slope changes from an abrupt SE. slope to a gradual E. slope.

19.65 On gradual E. slope, 430 ft. above cor.

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 the SW. 1/16 sec. cor. sec. 3, with brass cap marked

SW 1/16 S3

1937

from which

A juniper, 12 ins. diam., bears S. 30° E., 31 lks. dist., marked SW 1/16 S3 BT.

A juniper, 8 ins. diam., bears S. 75° W., 16 lks. dist., marked SW 1/16 S3 BT.

22.50 Timber becomes scattered and undergrowth dense, bears N. 30° E. and S. 30° W.

38.50 Undergrowth becomes scattered and timber dense, bears NE. and SW.; thence ascend gradual SE. slope.

39.30 The center W. 1/16 sec. cor. sec. 3, 145 ft. above the SW. 1/16 sec. cor. sec. 3.

Land, high and mountainous.
Soil, shallow gravel, clay, and rock; 4th rate.
Undergrowth, mahogany, oak, service berry, and sage brush.
Timber, juniper and pinon.
Good grazing land.

From the S. 1/16 sec. cor. secs. 3 and 4,

S. 88° 34' E., on true line, on E. and W. center line SW. 1/4 sec. 3.

Along flat top of divide ridge bet. Red Creek and Clear Creek, through scattered short undergrowth.

14.50 Leave flat top of ridge and descend abrupt SE. slope through dense timber, bears N. and S.

19.74 Intersect the SW. 1/16 sec. cor. sec. 3.

37.20 Sandstone ledge, 75 ft. high, faces SE. and bears N. 30° E. and S. 30° W.

38.65 Road to the Clear Creek Coal Mine, bears N. 25° E. and S. 25° W.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

31210

39.49 The center S. 1/16 sec. cor. sec. 3, 750 ft. below ridge,

Land, rough and mountainous.
Soil, shallow clay, gravel, and rock; 4th rate.
Undergrowth, sagebrush, weeds, and grass.
Timber, juniper and pinon.
Good grazing land.

Subdivision of Sec. 4.

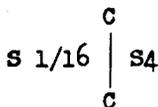
From the 1/4 sec. cor. secs. 4 and 9.

N. 0° 17' E., on true line, on N. and S. center line sec. 4.

Descend abrupt NW. slope of high mountainous land, through dense undergrowth and scattered timber.

19.76 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center S. 1/16 sec. cor. sec. 4, with brass cap marked



1937

from which

A pinon, 24 ins. diam., bears S. 28° E., 108 lks. dist., marked CS 1/16 S4 BT.

A pinon, 6 ins. diam., bears N. 56° 30' W., 39 lks. dist., marked CS 1/16 S4 BT.

29.50 Red Creek, stream of good clear water, 10 lks. wide; 3 ins. deep, in canyon, 350 ft. below the 1/4 sec. cor., flows NE.; descend gradually along bottom lands of canyon.

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



1937

deposit a cobble rock, 10 x 10 x 8 ins., at base of post, marked X.

No other suitable accessories available.

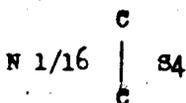
42.60 Unimproved road, bears NE. and SW.

44.40 The center of a small old pole corral, bears West, 2.50 chs. dist.

46.60 North Creek, stream of good clear water, 5 lks. wide, 6 ins. deep, in bottom lands of canyon, flows N. 70° E. to junction with Red Creek; ascend steep ledgy S. slope of ridge.

59.28 Proportionate point; on steep S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center N. 1/16 sec. cor. sec. 4, with brass cap marked



1937

3 A A SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

of boundary ... from which
 .37 returned ...

A juniper, 8 ins. diam., bears S. 64° 45' E., 41 lks.
 dist., marked CN 1/16 S4 BT.

A juniper, 10 ins. diam., bears S. 45° 30' W., 31 lks.
 dist., marked CN 1/16 S4 BT.

62.40 Top of divide ridge bet. Tommy Hollow and Red Creek, 360 ft. above the
 center $\frac{1}{4}$ sec. cor., bears N. 80° E. and S. 80° W.; descend abrupt N.
 slope.

79.22 The $\frac{1}{4}$ sec. cor. secs. 4 and 33, on the N. bdy. of the township, 150
 ft. below top of ridge.

Land, rough and mountainous, with a general northwesterly and south-
 easterly exposure and drainage. Sandstone and shale formation.
 Soil, shallow and deep sand, clay, and rock; 4th rate.
 Undergrowth, sage, rabbit, service berry, mahogany, and buck brush.
 Timber, juniper, pinon, aspen, and cottonwood.
 Good grazing land.

From the true point for the $\frac{1}{4}$ sec. cor. sec. 4, on the W. bdy. sec. 4,
 which is S. 0° 22' W., 6 lks. dist. from the witness cor. to the $\frac{1}{4}$
 sec. cor.

N. 88° 55' E., on true line, on E. and W. center line sec. 4.

Descend gradually along bottom lands of North Creek, at the S. side of
 the creek channel, through dense undergrowth of willows.

9.00 Leave dense undergrowth of willows and bottom lands of North Creek and
 ascend gradually along N. slope of mountainous land, through dense
 undergrowth of service berry brush.

20.24 Proportionate point; on gradual N. slope, 20 ft. above North Creek.

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 the center W.
 1/16 sec. cor. sec. 4, with brass cap marked

C $\frac{W 1/16}{S4}$ C

1937

deposit a
 sandstone, 12 x 10 x 4 ins., at base of post, marked X.

24.00 Top of ascent on N. slope, 10 ft. above cor., bears N. and S.; descend
 gradually along N. slope.

30.00 Enter rolling bottom lands of Red Creek, bears NE. and SW.

37.80 Unimproved road, bears NE. and SW.

40.48 Intersect the center $\frac{1}{4}$ sec. cor. sec. 4.

46.20 Red Creek; stream of good clear water, 10 lks. wide, 3 ins. deep, in
 bottom of wide canyon, flows NE., 70 ft. below top of ascent; continue
 over bottom lands of canyon.

50.00 Base of abrupt ascent over steep NW. slope, through scattered timber
 and dense undergrowth, bears NE. and SW.

60.73 Proportionate point; on abrupt NW. slope, 130 ft. above Red Creek.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

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 the center E. 1/16 sec. cor. sec. 4, with brass cap marked

E 1/16
C C
 S4

1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

No suitable bearing trees available.

80.98

The 1/4 sec. cor. secs. 3 and 4, 180 ft. above the center E. 1/16 sec. cor.

Land, high and mountainous with a general northeasterly and northwesterly exposure and drainage. Sandstone and shale formation. Soil, deep clay, gravel, sand, and rock; 4th rate. Undergrowth, willows, oak, sage, rabbit, service berry, and buck brush yellow top, grass, and weeds. Timber, juniper and pinon on E. portion of mile. Good grazing land.

From the center E. 1/16 sec. cor. sec. 4.

N. 0° 14' E., on true line, on N. and S. center line NE 1/4 sec. 4.

Descend abrupt NW. slope of high mountainous land, through scattered timber and undergrowth.

9.40

Enter bottom lands of Red Creek, bears NE. and SW.

10.50

Red Creek, stream of good clear water, 12 lks. wide, 6 ins. deep, 150 ft. below cor., drains NE.; continue over bottom lands of canyon.

11.70

Unimproved road, bears NE. and SW.

15.50

Base of abrupt ascent over steep ledgy SE. slope, bears NE. and SW.

19.62

Intersect the E. and W. center line of the NE 1/4 sec. 4.

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 the NE. 1/16 sec. cor. sec. 4, with brass cap marked

NE 1/16 S4

1937

from which

A juniper, 6 ins. diam., bears N. 37° 30' E., 55 lks. dist., marked NE 1/16 S4 BT.

A pinon, 7 ins. diam., bears S. 27° W., 74 lks. dist., marked NE 1/16 S4 BT.

34.50

Top of divide ridge bet. Tommy Hollow and Red Creek, 370 ft. above Red Creek, bears N. 60° E. and S. 60° W.; descend abrupt N. slope.

39.51

The E. 1/16 sec. cor. secs. 4 and 33, on the N. bdy. of the township, 90 ft. below top of ridge.

Land, high and mountainous. Soil, sand, clay, and rock; 4th rate. Undergrowth, sage, rabbit, and service berry brush. Timber, juniper and pinon; cottonwood along bottom lands of Red Creek. Good grazing land.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

From the center N. 1/16 sec. cor. sec. 4.
 N. 89° 08' E., on true line, on E. and W. center line NE. 1/4 sec. 4.
 Descend abrupt SE. slope of rough mountainous land, through dense timber and scattered undergrowth.
 20.23 Intersect the NE. 1/16 sec. cor. sec. 4.
 22.25 Enter rolling bottom lands of Red Creek, bears NE. and SW.; timber becomes scattered, bears NE. and SW.
 31.70 Unimproved road, bears NE. and SW.
 34.00 Red Creek, stream of good clear water, 12 lks. wide, 3 ins. deep, in bottom of canyon, 175 ft. below the center N. 1/16 sec. cor. sec. 4, flows NE.; ascend gradual NW. slope.
 40.46 The N. 1/16 sec. cor. secs. 3 and 4, 20 ft. above Red Creek.
 Land, mountainous.
 Soil, deep loose gravel and rock; 4th rate.
 Undergrowth, sage and rabbit brush, weeds, and grass.
 Timber, juniper, pinon, and cottonwood.
 Good grazing land.

From the center W. 1/16 sec. cor. sec. 4.
 N. 0° 18' E., on true line, on N. and S. center line NW. 1/4 sec. 4.
 Descend gradual N. slope of mountainous land, through dense undergrowth.
 4.80 North Creek, stream of good clear water, 10 lks. wide, 3 ins. deep, in bottom of canyon, 60 ft. below cor., flows N. 80° E.; ascend gradual S. slope.
 11.00 Enter dense timber, bears E. and W.
 12.00 Base of abrupt ascent over broken SW. slope, bears E. and W.
 19.88 Intersect the E. and W. center line of the NE 1/4 sec. 4; on steep SW. slope, 180 ft. above North Creek.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to solid rock and in a large mound of stones to top, for the NW. 1/16 sec. cor. sec. 4, with brass cap marked

NW 1/16 S4

1937

from which

A juniper, 10 ins. diam., bears S. 12° 30' E., 44 lks. dist., marked NW 1/16 S4 BT.

A pinon, 10 ins. diam., bears N. 5° 45' W., 31 lks. dist., marked NW 1/16 S4 BT.

23.40 Head of small draw, 20 ft. deep, drains SW.; continue ascent.
 31.00 Top of divide ridge bet. Tommy Hollow and North Creek, 175 ft. above cor., bears E. and S. 70° W.; descend abrupt N. slope.
 39.86 The W. 1/16 sec. cor. secs. 4 and 33, on the N. bdy. of the township, 240 ft. below ridge.
 Land, rough and mountainous.
 Soil, deep clay, gravel, and rock; 4th rate.
 Undergrowth, sage, rabbit, service berry, mahogany, and buck brush.
 Timber, juniper and pinon. Good grazing land.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

211230

From the N. 1/16 sec. cor. sec. 4, on the W. bdy. sec. 4.

N. 89° 19' E., on true line, on E. and W. center line NW. 1/4 sec. 4.

Ascend gradual NW. slope of rough mountainous land, through dense timber and undergrowth.

- 2.00 Top of divide ridge bet. Tommy Hollow and North Creek, 10 ft. above cor., bears NE. and SW.; descend abrupt SE. slope.
- 9.30 Draw, 100 ft. below ridge drains S. 35° E.; ascend gradual SW. slope.
- 11.70 Spur, 30 ft. above draw, projects S. 30° E.; descend abrupt SE. slope.
- 17.50 Draw, 110 ft. below spur; drains S. 25° W.; ascend abrupt broken W. slope.
- 20.23 Intersect the NW. 1/16 sec. cor. sec. 4, 100 ft. above draw.
- 32.30 Spur, 155 ft. above cor., projects S. 20° E.; descend steep broken SE. slope.
- 40.46 The center N. 1/16 sec. cor. sec. 4, 40 ft. below spur.

Lard, broken and mountainous.
Soil, shallow clay and rock; 4th rate.
Undergrowth, sage, oak, service berry, and buck brush.
Timber, juniper and pinon.
Good grazing land.

From the W. 1/16 sec. cor. secs. 4 and 9.

N. 0° 18' E., on true line, on N. and S. center line SW. 1/4 sec. 4.

Descend gradual NW. slope of mountainous land, through scattered timber and dense undergrowth.

- 2.00 Enter bottom lands of Red Creek, bears NE. and SW.
 - 8.20 Red Creek, stream of good clear water, 10 lks. wide, 6 ins. deep, in bottom of canyon, 40 ft. below cor., flows NE.; continue over bottom lands of canyon.
 - 10.00 Unimproved road bears NE. and SW.
 - 14.00 Leave bottom lands of canyon and ascend gradually over broken SE. slope, bears NE. and SW.
 - 19.39 On SE. slope, 40 ft. above creek.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SW. 1/16 sec. cor. sec. 4, with brass cap marked

SW 1/16 S4

1937

from which

A juniper, 5 ins. diam., bears N. 50° 15' E., 65 lks. dist., marked SW 1/16 S4 BT.

A juniper, 6 ins. diam., bears S. 48° 45' W., 98 lks. dist., marked SW 1/16 S4 BT.

- 27.00 Ascent becomes abrupt, bears NE. and SW.
- 28.70 Top of divide bet. Red Creek and North Creek, 100 ft. above cor., bears N. 20° E. and S. 80° E.; descend abrupt N. slope.

..SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

39.78 The center W. 1/16 sec. cor. sec. 4, 190 ft. below top of divide.
 Land, mountainous.
 Soil, deep clay, gravel, and sand; 3rd rate.
 Undergrowth, sage, rabbit, service berry, and buck brush.
 Timber, juniper and pinon.
 Good grazing land.

From the S. 1/16 sec. cor. sec. 4, on the W. bdy. sec. 4.

N. 88° 33' E., on true line on E. and W. center line SW. 1/4 sec. 4.

Ascend gradually along rolling N. slope of mountainous land, through scattered timber and dense undergrowth.

10.96 Top of ascent, 70 ft. above cor., bears NE. and S. 80° W.; descend gradual SE. slope.

20.26 Intersect the SW. 1/16 sec. cor. sec. 4.

24.70 Enter bottom lands of Red Creek, bears NE. and SW.

26.00 Unimproved road, bears NE. and SW.

27.70 Red Creek, stream of good clear water, 10 lks. wide, 6 ins. deep, in bottom of wide canyon, 190 ft. below top of ascent, flows NE.; continue over bottom lands of canyon.

34.50 Leave bottom lands of canyon and ascend gradual NW. slope, bears NE. and SW.

40.53 The center S. 1/16 sec. cor. sec. 4, 75 ft. above creek.

Land, mountainous.
 Soil, sand and gravel, 3rd rate.
 Timber, juniper and pinon.
 Undergrowth, sage, service berry, and rabbit brush.
 Good grazing land.

From the E. 1/16 sec. cor. secs. 4 and 9.

N. 0° 16' E., on true line, on N. and S. center line SE. 1/4 sec. 4.

Ascend gradual S. slope of mountainous land, through scattered timber and undergrowth

10.40 Top of divide ridge bet. Clear Creek and Red Creek, 155 ft. above cor., bears N. 50° E. and SW.; descend abrupt NW. slope.

19.64 Intersect the E. and W. center line of the SE 1/4 sec. 4, on steep NW. slope, 55 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SE. 1/16 sec. cor. sec. 4, with brass cap marked

SE 1/16 S4

1937

deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked X.

No other suitable accessories available.

39.28 The center E. 1/16 sec. cor. sec. 4, 400 ft. below the SE. 1/16 sec. cor.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

acres
20.00

Land, mountainous.
Soil, gravel, clay, and rock; 4th rate.
Undergrowth, sage, oak, service berry, and buck brush.
Timber, juniper, pinon, and spruce.
Good grazing land.

From the center S. 1/16 sec. cor. sec. 4.

N. 88° 33' E., on true line, on E. and W. center line SE. 1/4 sec. 4.

Ascend steep NW. slope of high mountainous land, through scattered timber and undergrowth.

20.25 Intersect the SE. 1/16 sec. cor. sec. 4.

36.00 Enter flat top of divide ridge bet. Clear Creek and Red Creek, 400 ft. above the center S. 1/16 sec. cor., bears N. 50° E. and S. 50° W.; thence over flat top of ridge.

40.51 The S. 1/16 sec. cor. secs. 3 and 4.

Land, mountainous.
Soil, gravel and rock; 4th rate.
Undergrowth, service berry and sage brush.
Timber, juniper, pinon, and spruce.
Good grazing land.

Subdivision of Sec. 9.

From the 1/4 sec. cor. sec. 9, on the S. bdy. sec. 9.

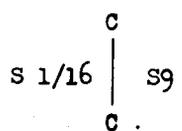
N. 0° 32' E., on true line, on N. and S. center line sec. 9.

Descend gradual N. slope of rolling mountainous land, through scattered timber and undergrowth.

15.00 Draw, 160 ft. below cor., drains N. 70° E.; ascend gradual SE. slope.

19.92 Proportionate point; on gradual SE. slope, 35 ft. above draw.

Set an iron post; 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center S. 1/16 sec. cor., sec. 9, with brass cap marked



1937

from which

A juniper, 8 ins. diam., bears N. 39° E., 30 lks. dist., marked CS 1/16 S9 BT.

A pinon, 20 ins. diam., bears S. 89° E., 388 lks. dist., marked CS 1/16 S9 BT.

36.80 Spur, 60 ft. above cor., projects E., 7.00 chs. dist., thence NE.; descend gradual N. slope.

39.84 On gradual N. slope, 10 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center 1/4 sec. cor. sec. 9, with brass cap marked.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

C 1/16 S9

1937

from which

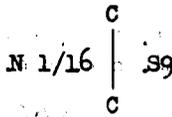
A pinon, 24 ins. diam., bears N. 62° E., 222 lks. dist.,
mkd. C 1/16 S9 BT.

A mahogany, 5 ins. diam., bears N. 77° E., 76 lks. dist.,
marked C 1/16 S9 BT.

49.90 Bottom of large draw near head, 85 ft. below cor., drains NE.; ascend gradual SE. slope.

60.72 Proportionate point; on SE. slope, 20 ft. above draw.

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 the center N. 1/16 sec. cor. sec. 9, with brass cap marked



1937

from which

A pinon, 10 ins. diam., bears N. 7° 30' W., 123 lks. dist., marked CN 1/16 S9 BT.

No other suitable bearing tree available.

67.70 Top of divide ridge bet. Clear Creek and Red Creek, 65 ft. above cor., bears NE. and SW.; descend steep NW. slope.

81.60 The 1/4 sec. cor. secs. 4 and 9, 125 ft. below ridge.

Land, high and mountainous.
Soil, deep and shallow clay, gravel, and rock; 4th rate.
Undergrowth, sage, service berry, mahogany, and buck brush.
Timber, juniper, pinon, and spruce.
Good grazing land.

From the 1/4 sec. cor. sec. 9, on the W. bdy. sec. 9.

S. 89° 28' E., on true line, on E. and W. center line sec. 9.

Ascend gradual NW. slope of high mountainous land, through scattered timber and undergrowth.

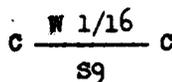
8.20 Spur, 50 ft. above cor., projects N.; descend abrupt NE. slope.

16.50 Draw, 145 ft. below spur, drains N. 15° W.; ascend gradual NW. slope.

19.60 Trail, bears N. 20° W. and S.

20.12 Proportionate point; on NW. slope, 55 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center W. 1/16 sec. cor. sec. 9, with brass cap marked



1937

from which

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

A yellow pine, 12 ins. diam., bears S. 37° E., 86 lks. dist., marked CW 1/16 S9 BT.

A pinon, 14 ins. diam., bears N. 62° 15' W., 125 lks. dist., marked CW 1/16 S9 BT.

Thence ascend abrupt W. slope.

26.00 Top of divide ridge bet. Clear Creek and Red Creek, 140 ft. above cor. bears N. 30° E. and SW.; descend gradual SE. slope.

28.10 Draw near head, 10 ft. deep, drains N. 35° E.; thence along gradual N. slope.

40.24 Intersect the center $\frac{1}{4}$ sec. cor. sec. 4.

48.40 Enter rolling top of wide spur, bears NE. and SW., and projects NE.; thence over rolling top of spur.

59.84 Proportionate point; on rolling top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center E. 1/16 sec. cor. sec. 9, with brass cap marked

$$C \frac{E \ 1/16}{S9} C$$

1937

from which

A pinon, 4 ins. diam., bears S. 38° W., 196 lks. dist., marked CE 1/16 S9 BT.

No other suitable bearing tree available.

64.10 Leave rolling top of spur, bears NE. and SW.; thence descend abrupt SE. slope through dense juniper and pinon timber.

79.44 The $\frac{1}{4}$ sec. cor. secs. 9 and 10, 200 ft. below last cor.

Land, high and mountainous.

Soil, shallow and deep gravel, clay, and rock; 4th rate.

Undergrowth, sage, rabbit, service berry, mahogany, and oak brush.

Timber, juniper, pinon, yellow pine, and spruce.

Good grazing land.

From the center E. 1/16 sec. cor. sec. 9.

N. 1° 26' E., on true line, on N. and S. center line NE. $\frac{1}{4}$ sec. 9.

Ascend gradual S. slope of high top of wide spur, through scattered undergrowth and timber.

4.40 Leave wide top of spur, bears NE. and SW.; descend gradual NW. slope.

21.31 On NW. slope, 170 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NE. 1/16 sec. cor. sec. 9, with brass cap marked

NE 1/16 S9

1937

from which

A pinon, 8 ins. diam., bears S. 17° E., 35 lks. dist., marked NE 1/16 S9 BT.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

A yellow pine, 14 ins. diam., bears S. 16° 45' W., 70 lks. dist., marked NE 1/16 S9 BT.

33.80 Draw, 110 ft. below cor., drains N. 80° E.; ascend gradual S. slope.

42.62 The E. 1/16 sec. cor. secs. 4 and 9, 120 ft. above draw.

Land, mountainous.
 Timber, juniper, pinon, and yellow pine.
 Soil, deep gravel and rock; 4th rate.
 Undergrowth, sage, service berry, and mahogany brush.
 Good grazing land.

From the center N. 1/16 sec. cor. sec. 9.

N. 89° 24' E., on true line, on E. and W. center line NE. 1/4 sec. 9.

Descend gradual SE. slope of high mountainous land, through scattered timber and undergrowth.

8.60 Draw, 70 ft. below cor., drains N. 65° E.; ascend gradual NW. slope.

19.93 Intersect the NE. 1/16 sec. cor. sec. 9..

29.90 Slope changes from a gradual NW. slope to an abrupt N. slope. .

39.86 The N. 1/16 sec. cor. secs. 9 and 10, 150 ft. above draw.

Land, mountainous.
 Soil, deep gravel, clay, and rock; 4th rate.
 Undergrowth, sage, service berry, mahogany, and buck brush.
 Timber, juniper and pinon.
 Good grazing land.

From the center W. 1/16 sec. cor. sec. 9.

N. 0° 21' E., on true line, on N. and S. center line NW. 1/4 sec. 9.

Descend along steep W. slope of mountainous land, through dense timber and undergrowth.

20.47 On steep W. slope, 80 ft. below 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 the NW. 1/16 sec. cor. sec. 9, with brass cap marked

NW 1/16 S9

1937

from which

A pinon, 18 ins. diam., bears N. 63° E., 66 lks. dist., marked NW 1/16 S9 BT.

A pinon, 10 ins. diam., bears S. 36° 45' E., 68 lks. dist., marked NW 1/16 S9 BT.

Continue along steep W. slope.

40.94 The W. 1/16 sec. cor. secs. 4 and 9, 170 ft. below the NW. 1/16 sec. cor.

Land, mountainous.
 Soil, shallow clay, gravel, and rock; 4th rate.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chairs

Undergrowth, sage, rabbit, oak, service berry, and buck brush.
 Timber, juniper and pinon.
 Good grazing land.

antad3

From the N. 1/16 sec. cor. sec. 9, on the W. bdy. sec. 9.

N. 89° 23' E., on true line, on E. and W. center line, NW. 1/4 sec. 9.

Ascend gradual NW. slope of mountainous land, through dense timber and undergrowth.

- 1.40 Spur, 30 ft. above cor., projects N., 5.00 chs. dist. to end; descend gradual NE. slope.
- 12.20 Wash, 30 lks. wide, 8 ft. deep, in draw, 50 ft. below spur, drains N. 20° W.; ascend steep W. slope.
- 17.70 Trail, bears N. and S.
- 20.19 Intersect the NW. 1/16 sec. cor. sec. 9.
- 21.90 Top of divide ridge bet. Clear Creek and Red Creek, 390 ft. above draw, bears NE. and S. 20° W.; descend abrupt SE. slope.
- 40.70 The center N. 1/16 sec. cor., sec. 9, 140 ft. below ridge.

Land, mountainous.
 Soil, shallow clay, rock, and gravel; 4th rate.
 Undergrowth, sage, rabbit, oak, service berry, mahogany, and buck brush.
 Timber, juniper, pinon, and yellow pine.
 Good grazing land.

From the W. 1/16 sec. cor. sec. 9, on the S. bdy. sec. 9.

N. 0° 30' E., on true line, on N. and S. center line, SW. 1/4 sec. 9.

Descend gradual NW. slope of high mountainous land, through scattered timber and undergrowth.

- 10.90 Draw, 100 ft. below cor., drains N. 70° E.; trail in draw, bears N. 30° E. and S.; ascend gradual SE. slope.
- 19.00 Top of divide ridge bet. Clear Creek and Red Creek, 30 ft. above draw, bears N. 30° E. and S. 60° W.; descend gradual NW. slope.
- 19.96 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 the SW. 1/16 sec. cor. sec. 9, with brass cap marked

SW 1/16 S9

1937

deposit a trachyte, 12 x 12 x 12 ins., at base of post, marked X.

No suitable bearing trees available.

- 27.70 Head of draw, 70 ft. below cor, drains N. 20° W.; recross trail; bears N. 20° W. and S. 30° E.; thence descend along steep W. slope.
- 39.92 The center W. 1/16 sec. cor. sec. 9, 75 ft. below head of draw.

Land, mountainous.
 Soil, shallow gravel and rock; 4th rate.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

Undergrowth, sage, oak, mahogany, service berry, and rabbit brush.
Timber, juniper, pinon, and yellow pine.
Good grazing land.

From the S. 1/16 sec. cor. sec. 9, on the W. bdy. sec. 9.

S. 89° 36' E., on true line, on E. and W. center line SW. 1/4 sec. 9.

Ascend steep NW. slope of high mountainous land, through scattered timber and undergrowth.

5:20 Top of ascent 50 ft. above cor., bears N. 20° W. and SW.; descend steep NE. slope.

17.50 Descent becomes gradual, bears NW. and SE.

20.12 Intersect the SW. 1/16 sec. cor. sec. 9.

22.30 Top of divide ridge bet. Red Creek and Clear Creek, 200 ft. below top of ascent, bears N. 30° E. and S. 30° W.; descend gradually.

27.40 Trail, bears NW. and S. 30° W.

40.24 The center S. 1/16 sec. cor. sec. 9, 40 ft. below ridge.

Land; mountainous.

Soil, gravel and rock; 4th rate.

Undergrowth, sage, rabbit, oak, mahogany, service berry, and buck brush.

Timber, juniper and pinon.

Good grazing land.

From the E. 1/16 sec. cor. sec. 9, on the S. bdy. sec. 9.

N. 0° 23' E., on true line, on N. and S. center line, SE. 1/4 sec. 9.

Ascend gradual SE. slope of mountainous land, through dense timber and undergrowth.

7.20 Top of ascent, 125 ft. above cor., bears NE. and SW.; descend gradual NW. slope.

16.10 Draw, 50 ft. below top of ascent, drains N. 70° E.; ascend gradual SE. slope.

19.82 On gradual SE. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SE. 1/16 sec. cor. sec. 9, with brass cap marked

SE 1/16 S9

1937

from which

A juniper, 7 ins. diam., bears N. 35° 15' E., 83 lks. dist., marked SE 1/16 S9 BT.

A juniper, 6 ins. diam., bears S. 40° 30' W., 106 lks. dist., marked SE 1/16 S9 BT.

29.80 Ascent becomes more abrupt, bears NE. and SW.

38.30 Ascent becomes gradual, bears NE. and SW.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

111160

Chains

39.64 The center E. 1/16 sec. cor. sec. 9, 150 ft. above draw,
Land, mountainous.
Soil, shallow and deep clay, rock, and gravel; 4th rate.
Undergrowth, sage, oak, service berry, and mahogany brush.
Timber, juniper and pinon.
Good grazing land.

From the center S. 1/16 sec. cor. sec. 9.
S. 89° 43' E., on true line, on E. and W. center line SE. 1/4 sec. 9.
Over rolling SE. slope of mountainous land, through dense undergrowth
and scattered timber.

19.65 Intersect the SE. 1/16 sec. cor. sec. 9.
23.60 Draw, 80 ft. below the center S. 1/16 sec. cor., drains N. 70° E.;
ascend gradually.
27.30 Top of ascent, 40 ft. above draw, bears NE. and SW.; descend abrupt
SE. slope.

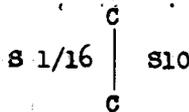
38.10 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep,
in draw, 210 ft. below top of ascent, flows N. 35° E.; ascend steep
NW. slope.

39.30 The S. 1/16 sec. cor. sec. 9 and 10, 20 ft. above stream.
Land, mountainous.
Soil, deep gravel and rock; 4th rate.
Undergrowth, sage, rabbit, service berry, and buck brush.
Timber, juniper and pinon.
Good grazing land.

Subdivision of Sec. 10

From the 1/4 sec. cor. sec. 10, on the S. bdy. sec. 10.
N. 0° 43' E., on true line, on N. and S. center line sec. 10.
Ascend gradually along steep W. slope of high mountainous land, through
dense timber and undergrowth.

20.05 Proportionate point:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for
the center S. 1/16 sec. cor. sec. 10, with brass cap marked



1937

from which

A yellow pine, 10 ins. diam., bears N. 64° 15' E., 47 lks.
dist., marked CS 1/16 S10 BT.

A yellow pine, 30 ins. diam., bears S. 29° 45' W., 37 lks.
dist., marked CS 1/16 S10 BT.

40.10 On steep W. slope, 175 ft. above the 1/4 sec. cor.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

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 the center $\frac{1}{4}$ sec. cor. sec. 10, with brass cap marked

C $\frac{1}{4}$ S10

1937

from which

A pinon, 19 ins. diam., bears S. $64^{\circ} 45'$ E., 24 lks. dist., marked C $\frac{1}{4}$ S10 BT.

A pinon, 18 ins. diam., bears S. 39° W., 21 lks. dist., marked C $\frac{1}{4}$ S10 BT.

42.00 Top of ascent on W. slope, 10 ft. above cor., bears E. and slopes W.; descend gradually along steep W. slope.

61.04 Proportionate point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center N. $\frac{1}{16}$ sec. cor. sec. 10, with brass cap marked

C
N $\frac{1}{16}$ | S10
C

1937

from which

A pinon, 12 ins. diam., bears S. $15^{\circ} 45'$ E., 175 lks. dist., marked CN $\frac{1}{16}$ S10 BT.

No other suitable bearing tree available.

Continue descent along steep W. slope.

81.98 The $\frac{1}{4}$ sec. cor. secs. 3 and 10, 320 ft. below top of ascent.

Land, high and mountainous.

Soil, shallow and deep clay, rock, and gravel; 4th rate.

Undergrowth, sage, oak, service berry, mahogany, and buck brush.

Timber, juniper, pinon, and yellow pine.

Good grazing land.

From the $\frac{1}{4}$ sec. cor. secs. 9 and 10.

N. $89^{\circ} 36'$ E., on true line, on E. and W. center line sec. 10.

Descend abrupt SE. slope of high mountainous land, through scattered timber and dense undergrowth.

12.90 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in draw, 325 ft. below cor., flows N. 30° E.; ascend abrupt NW. slope.

20.23 Proportionate point; on top of spur, slopes N. 10° E., 80 ft. above stream.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center W. $\frac{1}{16}$ sec. cor. sec. 10, with brass cap marked

C $\frac{W 1/16}{S10}$ C

1937

raise a

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains	<p>mound of stone, 3 ft. base, 2 ft. high, N. of cor. aligned</p> <p>No suitable bearing trees available.</p> <p>Thence descend steep NE. slope.</p>
23.20	Draw, 85 ft. below cor., drains N. 40° W., about 5.00 chs. dist. to junction with Clear Creek; ascend steep W. slope.
27.10	Intersect an outcropping of coal.
40.46	Intersect the center $\frac{1}{4}$ sec. cor. sec. 10.
50.70	Ridge, 500 ft. above draw, bears N. 30° E. and S.; descend steep E. slope.
60.28	<p>Proportionate point:</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the center E. 1/16 sec. cor. sec. 10, with brass cap marked</p> <div style="text-align: center;"> $C \frac{E \ 1/16}{S10} C$ <p>1937</p> </div> <p style="text-align: right;">from which</p> <p>A pinon, 6 ins. diam., bears S. 8° E., 43 lks. dist., marked CE 1/16 S10 BT.</p> <p>No other suitable bearing tree available.</p>
73.40	Wash, 50 lks. wide, 10 ft. deep, in draw, 120 ft. below ridge, drains N. 30° E.; ascend gradual NW. slope.
80.10	<p>The $\frac{1}{4}$ sec. cor. sec. 10, on E. bdy. sec. 10, 65 ft. above draw.</p> <p>Land, mountainous.</p> <p>Soil, deep clay, gravel, and rock; 4th rate.</p> <p>Undergrowth, sage, oak, service berry, mahogany, and buck brush.</p> <p>Timber, juniper, pinon, and yellow pine.</p> <p>Good grazing land.</p>
<hr/>	
From the center E. 1/16 sec. cor. sec. 10.	
N. 0° 28' E., on true line, on N. and S. center line NE- $\frac{1}{4}$ sec. 10.	
Ascend gradual SE. slope of high mountainous land, through scattered timber and dense undergrowth.	
20.54	<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NE. 1/16 sec. cor. sec. 10, with brass cap marked</p> <div style="text-align: center;"> $NE \ 1/16 \ S10$ <p>1937</p> </div> <p style="text-align: right;">deposit a</p> <p>sandstone, 24 x 14 x 6 ins., at base of post, marked X.</p>
25.40	Ridge, 140 ft. above the center E. 1/16 sec. cor., bears N. 35° E. and S. 35° W.; descend gradually over steep NW. slope.
41.09	<p>The E. 1/16 sec. cor. sec's. 3 and 10, 90 ft. below ridge.</p> <p>Land, mountainous.</p> <p>Soil, shallow and deep, gravel, clay, and rock; 4th rate.</p> <p>Undergrowth, sage, oak, service berry, mahogany, and buck brush.</p> <p>Timber, juniper and pinon.</p> <p>Good grazing land.</p>

U. S. SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains	<p>From the center N. 1/16 sec. cor. sec. 10.</p> <p>S. 89° 17' E., on true line, on E. and W. center line NE. 1/4 sec. 10.</p> <p>Ascend abrupt NW. slope of high mountainous land, through scattered timber and dense undergrowth.</p>
15.80	<p>Ridge, 270 ft. above cor., bears N. 35° E. and S. 35° W.; descend abrupt E. slope.</p>
19.72	<p>Intersect the NE. 1/16 sec. cor. sec. 10.</p>
27.70	<p>Descent becomes gradual, bears N. and S.</p>
37.30	<p>Wash, 40 lks. wide, 20 ft. deep, in draw, 320 ft. below ridge, drains N. 35° E.; ascend gradually.</p>
39.44	<p>The N. 1/16 sec. cor. sec. 10, on the E. bdy. sec. 10, 20 ft. above draw.</p> <p>Land, mountainous. Soil, gravel and rock; 3rd rate. Undergrowth, sage, oak, service, mahogany, and buck brush. Timber, juniper and pinon. Good grazing land.</p>
<p>From the center W. 1/16 sec. cor. sec. 10.</p>	
<p>N. 1° 32' E., on true line on N. and S. center line NW. 1/4 sec. 10.</p>	
<p>Descend abrupt N. slope of spur, through scattered timber and dense undergrowth.</p>	
4.10	<p>Draw, 90 ft. below cor., drains N. 40° W., 1.50 chs. dist. to junction with Clear Creek; thence along bottom lands on E. side of Clear Creek.</p>
7.90	<p>Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of large draw, drains N. 35° E.; ascend gradually along steep E. slope.</p>
21.32	<p>On steep E. slope, 30 ft. above stream.</p>
<p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the NW. 1/16 sec. cor. sec. 10, with brass cap marked</p>	
<p>NW 1/16 S10</p>	
<p>1937</p>	
<p>from which</p>	
<p>A juniper, 8 ins. diam., bears S. 87° W., 87 lks. dist., marked NW 1/16 S10 BT.</p>	
<p>A yellow pine, 10 ins. diam., bears N. 49° 30' W., 138 lks. dist., marked NW 1/16 S10 BT.</p>	
25.00	<p>Slope changes from an abrupt E. slope to an abrupt SE. slope.</p>
36.20	<p>Spur, 170 ft. above cor., projects N. 70° E.; descend abrupt N. slope.</p>
40.20	<p>Road to the Clear Creek Coal Mine, bears N. 80° E. and S. 80° W., in bottom of draw, 200 ft. below spur, drains N. 80° E.; ascend steep ledgy S. slope.</p>
42.65	<p>The W. 1/16 sec. cor. secs. 3 and 10, 50 ft. above draw.</p>

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

Land, mountainous.
Soil, deep and shallow gravel and rock; 4th rate.
Undergrowth, sage, rabbit, oak, service berry, mahogany, and buck brush.
Timber, juniper, pinon, yellow pine, and spruce.
Good grazing land.

From the N. 1/16 sec. cor. secs. 9 and 10:

S. 89° 17' E., on true line, on E. and W. center line NW. 1/4 sec. 10.

Descend abrupt E. slope of high mountainous land, through dense undergrowth and scattered timber.

3.00 Spur, slopes NE.; continue descent.

9.30 Timber becomes dense, bears N. and S.

18.50 Descent becomes gradual and timber scattered, bears N. and S.

19.92 Intersect the NW. 1/16 sec. cor. sec. 10.

24.30 Clear Creek, stream of good clear water, 3 lks. wide, 3 ins. deep, in bottom of large draw, 565 ft. below the N. 1/16 sec. cor., flows N. 35° E.; ascend steep W. slope.

32.30 Timber becomes scattered, bears N. and S.

39.84 The center N. 1/16 sec. cor. sec. 10, 290 ft. above stream.

Land, mountainous.
Soil, deep clay, gravel, and rock; 4th rate.
Undergrowth, sage, rabbit, oak, service berry, mahogany, and buck brush.
Timber, juniper, pinon, and yellow pine.
Good grazing land.

From the W. 1/16 sec. cor. sec. 10, on the S. bdy. sec. 10.

N. 0° 28' E., on true line, on N. and S. center line SW. 1/4 sec. 10.

Descend gradual NE. slope of high mountainous land, through scattered timber and undergrowth.

10.00 Small draw, drains N. 30° E.

19.88 On gradual NE. slope, 185 ft. below cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SW. 1/16 sec. cor. sec. 10, with brass cap marked

SW 1/16 S10

1937

from which

A yellow pine, 14 ins. diam., bears N. 83° W., 293 lks. dist., marked SW 1/16 S10 BT.

No other suitable bearing tree available.

39.76 The center W. 1/16 sec. cor. sec. 10, 250 ft. below the SW. 1/16 sec. cor.

Land, mountainous.
Soil, deep clay, gravel, and rock; 4th rate.
Undergrowth, sage, oak, service berry, mahogany, and buck brush.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

Timber, juniper, pinon, and yellow pine.
Good grazing land.

From the S. 1/16 sec. cor. secs. 9 and 10.

S. 89° 57' E., on true line, on E. and W. center line SW. 1/4 sec. 10.

Ascend steep NW. slope of mountainous land, through scattered timber and undergrowth.

17.60 Spur, 210 ft. above cor., projects N.; descend abrupt NE. slope.

20.16 Intersect the SW. 1/16 sec. cor. sec. 10.

23.30 Small draw, 30 ft. deep, drains N, 30° E.; continue descent.

34.60 Draw, 180 ft. below spur, drains NW.; ascend steep W. slope.

40.32 The center S. 1/16 sec. cor. sec. 10, 120 ft. above draw.

Land, mountainous.

Soil, deep clay, gravel, and rock; 4th rate.

Undergrowth; sage, rabbit, oak, service berry, and buck brush.

Timber, juniper and pinon.

Good grazing land.

From the E. 1/16 sec. cor. sec. 10, on the S. bdy. sec. 10.

N. 0° 28' E., on true line, on N. and S. center line SE. 1/4 sec. 10.

Descend gradually along E. slope of mountainous land, through scattered timber and dense undergrowth.

14.30 Base of descent, 80 ft. below cor., bears E. and W.; ascend gradual SE. slope.

20.06 On gradual SE. slope, 20 ft. above base of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the SE. 1/16 sec. cor. sec. 10, with brass cap marked

SE 1/16 S10

1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

No other suitable accessories available.

40.12 The center E. 1/16 sec. cor. sec. 10, 30 ft. above the SE. 1/16 sec. cor.

Land, mountainous.

Soil, deep gravel, clay, and rock; 4th rate.

Undergrowth, sage, rabbit, oak, service berry, mahogany, and buck brush.

Timber, juniper and pinon.

Good grazing land.

From the center S. 1/16 sec. cor. sec. 10.

SUBDIVISION OF SECTION SURVEYS, T. 24 S., R. 4 E.

Chains

N. 89° 34' E., on true line, on E. and W. center line SE. $\frac{1}{4}$ sec. 10.

Ascend steep W. slope of mountainous land, through dense undergrowth and scattered timber.

13.70 Ridge, 340 ft. above cor., bears N. and S.; descend steep SE. slope.

19.89 Intersect the SE. $\frac{1}{16}$ sec. cor. sec. 10.

24.70 Wash, 30 lks. wide, 10 ft. deep, in draw, 140 ft. below ridge, drains N. 35° E.; ascend gradual NW. slope.

39.79 The S. $\frac{1}{16}$ sec. cor. sec. 10, on the E. bdy. of sec. 10, 130 ft. above draw.

Land, rough and mountainous, with a general northerly and northwesterly exposure and drainage.

Soil, deep and shallow clay, gravel, and rock; 4th rate.

Undergrowth, sage, rabbit, oak, service berry, and buck brush.

Timber, juniper and pinon.

Good grazing land.

GENERAL DESCRIPTION OF SECS. 3, 4, 9, and 10, T. 24 S., R. 4 E.

The land within the boundaries of these four sections is high and mountainous, and has a general northeasterly exposure and drainage.

The formation consists of sandstone and blue shale, which dips to the northeast.

The soil on the steep slopes consists of shallow gravel, clay, sand, and rock, with a rocky surface, while that in the bottom lands of the draws and canyons, consists of a deep alluvial sand and clay loam.

The soil on the slopes may be classified as fourth rate, while that in the bottoms of the draws and canyons may be classified as third rate.

Most portions of the four sections are covered with a dense growth of juniper and pinon timber, mixed with a scattered growth of yellow pine, spruce, and Douglas fir. The sections are covered with a dense undergrowth of tall sage, rabbit, service berry, mahogany, buck, and oak, brush, and a good growth of grass and weeds.

The four sections have an abundant supply of water, which consists of Ivy Creek, Clear Creek, North Creek, Red Creek, and three small springs. Ivy Creek, a stream of good water, 15 lks. wide, 6 ins. deep, flows in a southeasterly direction through the N $\frac{1}{2}$ NE $\frac{1}{4}$ sec. 3. Clear Creek, a stream of good water 3 lks. wide, 3 ins. deep, enters sec. 9 on the south boundary of the SE $\frac{1}{4}$ SE $\frac{1}{4}$, and flows in a northeasterly direction to its junction with Ivy Creek, in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3. Red Creek enters sec. 9, on the W. boundary of the NW $\frac{1}{4}$ NW $\frac{1}{4}$, and flows in a northeasterly direction, leaving the township on the N. boundary of the NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3. North Creek flows in an easterly direction through the S $\frac{1}{2}$ NW $\frac{1}{4}$ sec. 4, to its junction with Red Creek in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 4. A small spring is located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10. A small spring is located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 9, and a small spring is located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 3.

Utah State Highway No. 10 bears in a southeasterly direction from Salina, Utah, to Emery, Utah, through the N $\frac{1}{2}$ NE $\frac{1}{4}$ sec. 3. An unimproved road enters sec. 4, on the W. boundary of the SW $\frac{1}{4}$ SW $\frac{1}{4}$, and bears in a northeasterly direction to its junction with Utah State Highway No. 10. The Free Coal Mine is located in the northeast portion of the NE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 3. The two entrances to the Clear Creek Coal Mine are located in the northeast portion of the NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 10, but nearly all of the underground workings of this mine are located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3. A good road from this mine bears in a northeasterly direction to its junction with Utah State Highway No. 10, in the N $\frac{1}{2}$ NE $\frac{1}{4}$ sec. 3. Both of the above coal mines were being operated at the

GENERAL DESCRIPTION OF SECS. 3, 4, 9, and 10, T. 24 S., R. 4 E.

time of this survey.

Antone Jensen of Salina, Utah, has a three room frame house located in the NW¹/₄ NE¹/₄ sec. 3. Three men who were working at the Free Coal Mine were living in this house at the time of the survey. A group of small frame houses is located in the SE¹/₄ SW¹/₄ sec. 3, in which the men working at the Clear Creek Coal Mine were living. A Utah State Road Commission maintenance house is located in the NE¹/₄ NE¹/₄ sec. 3. Joe Christensen, a Utah State Road Commission maintenance man, was living in a log cabin located in the NE¹/₄ NE¹/₄ sec. 3.

From the outcroppings of coal found on the surface, it appears that all of the high ridges and spurs in these four sections are underlain with coal. No indications of other minerals, oil, or oil shale were found.

All of the four sections are within the boundaries of the Fish Lake National Forest.

None of the lands are suitable for farming, and were being used for a summer grazing range for stock under the supervision of the Forest Service.

The mean magnetic declination was found to be 16° 30' E.

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CERTIFICATE OF UNITED STATES SURVEYOR

I, Elliot Bird, Surveyor, hereby certify upon honor that, in pursu-

of special instructions received from the District Cadastral Engineer for Utah

bearing date of the 4th day of June, 1934 I have well, faithfully, and

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instru-

resurveyed sections 3, 4, 9 and 10, and tions, and the laws of the United States/surveyed all those parts or portions of subdivision of

section surveys, sections 3, 4, 9, and 10, T. 24 S., R. 4 E.,

of the Salt Lake

Meridian, in the State of Utah

the foregoing field notes as having been executed by me, and under my direction; and that all the corners of

said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the District Cadastral Engineer for Utah

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Salt Lake City, Utah,
February 17, 1938

Elliot Bird
Surveyor

APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colorado, August 14, 1941.

dependent resurvey, and the

The foregoing field notes of the/survey of subdivision of section surveys, of sections 3, 4, 9, and 10, T. 24 S., R. 4 E., Salt Lake Meridian, Utah

executed by Elliot Bird, Surveyor

under his special instructions dated June 4, 1934, having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Wm. H. P. P...
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in
has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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Page

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MAR 3 - 1938

J. S. D. ...
Federal Land Office
Washington, D. C.

BOOK A-521

"C"

FIELD NOTES

OF THE SURVEY OF THE SOUTH BOUNDARY, A PORTION OF THE EAST BOUNDARY
AND SUBDIVISIONAL LINES, COMPLETING THE SURVEY OF T. 24 S., R. 5 E.

Of the Salt Lake Meridian,

the State of Utah

EXECUTED BY

Elliot Bird, Surveyor,
Edward Eliason, Transitman,
Molen Roper, Transitman,
Kelvin Winwood, Transitman,

Under special instructions dated June 4, 1934, which provided
for the surveys included under Group No. 259, Utah, bearing the approval of the
Commissioner of the General Land Office under date of June 26, 1934,
supplemental
and assignment instructions dated May 25, 1937.

Survey commenced May 27, 1937.

Survey completed June 24, 1937.

BOOK A 501

INDEX DIAGRAM.

Township 24 South., Range 5 East.

6	5	4	3	2	1						
7	8	9	10	11	12						
19	13	17	16	15	14	13					
12	13	14	14	14	14	14					
15	16	18	19	21	22						
19	5 1	20	4 4	21	3 8	22	3 3	23	2 7	24	11
50	49	43	37	32	26						
30	4 8	29	4 1	28	3 6	27	3 1	26	2 5	25	10
47	46	40	35	30	25						
21	4 5	20	3 9	20	3 4	24	2 8	23	2 3	22	9
8	7	5	4	3	1						

T. 24 S., R. 5 E.

6	5				
7	8				
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

All lines colored blue were surveyed by Elliot Bird, Surveyor.

All lines colored black were surveyed by Edward Eliason, Transitman.

All lines colored orange, were surveyed by Molen Roper, Transitman.

All lines colored blue and orange were surveyed conjointly by Elliot Bird, Surveyor, and Kelvin Winwood, Transitman.

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Page

Chains

The survey of T. 24 S., R. 5 E., Salt Lake Meridian, Utah, was commenced May 27, 1937, and executed with Buff and Buff transits Nos. 18003 and 16725, Keuffel and Esser transit No. 20576, and Young and Sons transit No. 8581, used by Elliot Bird, Surveyor, and Transitsmen Edward Eliason, Kelvin Winwood, and Molen Roper, respectively. The instruments are the property of the General Land Office; and were approved for use on this survey by the district cadastral engineer, for Utah, conditional upon satisfactory field tests, in supplemental assignment instructions issued for the survey of Group 259, Utah, dated May 25, 1937.

Except the Keuffel and Esser transit, each instrument is equipped with a Smith solar attachment. The instruments have full vertical circles, and the horizontal limbs of each transit, are equipped 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 vertical circles.

The solar attachments were not used in this survey, and all controlling meridians of the survey were established by observations on Polaris as shown in the field notes. The bearings of the lines were deflected from these true meridians by repetition of angles, and carried forward by transit line, taking the mean of double fore and back sights.

The measurements were made with a Lallie steel ribbon tape 5 chains in length, compared 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 large improved clinometers and the slope measurements properly reduced to true horizontal distances.

SOUTH BOUNDARY, T. 24 S., R. 5 E.

May 28, 1937: Stationed at the cor. of Ts. 24 S., Rs. 4 and 5 E., hereinafter described, in approximate latitude $38^{\circ}40'$ N., longitude $111^{\circ}25'$ W., at 0h 26.3m p.m. local mean 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 30.00 chs. west, in a clockwise direction to the star

Watch time of observation (correct 105th Meridian Standard Time)..... 0h 52.5m p.m.

Mean horizontal angle, flag pole to star.. $89^{\circ} 00.7'$

Azimuth of Polaris..... $0^{\circ} 59.3'$ W.

True bearing to flag pole..... West.

Thence:

From the cor. Ts. 24 S., Rs. 4 and 5 E.

East, on random line, along the S. bdy. of T. 24 S., R. 5 E.

26.20 Set temp. $\frac{1}{4}$ sec. cor. sec. 31; continue on same line with continuous measurement; and at:

466.20 Set temp. cor. Ts. 24 S., Rs. 5 and 6 E.

June 9, 1937: Stationed at the cor. of secs. 13, 18, 19,

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chains

and 24, on the E. bdy. of the township, hereinafter described, in approximate latitude $38^{\circ}42'30''$ N., longitude $111^{\circ}18'$ W., at 1h 29.5m p.m. local mean 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 North, in the direction west to Polaris.

Watch time of observation (correct
105 Meridian Standard Time)..... 1h 54.7m p.m.

Mean horizontal deflection angle flag
pole to star..... $1^{\circ} 16.8'$

Azimuth of Polaris..... $1^{\circ} 16.8'$ W.

True bearing to flag pole..... North.

Thence:

From the cor. secs. 13, 18, 19, and 24.

South, on random line, along the E. bdy. of T. 24 S.,
R. 5 E., setting temp. $\frac{1}{4}$ sec. and sec. corners at intervals
of 40.00 chs. and 80.00 chs., and at:

237.76 Fall 75 lks. E. of the temp. cor. Ts. 24 S., Rs. 5 and 6 E.

At the 237.76 chs. point from the N.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the
ground, for the cor. of Ts. 24 S., Rs. 5 and 6 E., with
brass cap marked

T24S	
R5E	R6E
S36	S31

T25S R6E S6

1937

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

Thence, from the above cor.,

West, on true line, along the S. bdy. sec. 36, T. 24 S.,
R. 5 E.

Along gradual S. slope of high mountainous land to the N.,
through scattered short undergrowth.

- 3.70 Large main wash, 150 lks. wide, 10 ft. deep, in shallow
draw, drains S. 70° E.
- 7.60 Road, bears N. 30° E. to Utah State Highway No. 10, and
southerly to an oil well and Jeffery's Ranch.
- 12.10 Recross wash, drains NE., 2.00 chs. dist., thence E.
- 21.40 Recross wash, drains S. 65° E.
- 27.80 Recross wash, drains NE.
- 38.20 Wash, 100 lks. wide, 5 ft. deep, drains SE., about 5.00
chs. dist. to junction with last wash.
- 40.00 On gradual S. slope,

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked

$\frac{1}{4}$ S36

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

55.00 Wash, 50 lks. wide, 10 ft. deep, drains S. 50° E.

80.00 On broken S. slope, 140 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 35 and 36, with brass cap marked

T24S	R5E
S35	S36.

T25S	R5E
S 1	

1937

from which

A pinon, 7 ins. diam., bears N. 34°15' W., 209 lks. dist., marked BT.

Tree too scrubby for other marks and no other suitable bearing trees available.

Land, broken foot hills of high mountainous land to the NW., with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, sagebrush, shadscale, greasewood, black brush, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

West, along the S. bdy. of sec. 35.

Ascend abrupt SE. slope of rough mountainous land, through scattered timber and undergrowth.

5.30 Draw, 45 ft. deep, drains SE.; continue ascent.

28.20 Draw, 40 ft. deep, drains S. 40° E.; continue ascent.

36.70 Broken top of ridge, 150 ft. above cor., bears N. and S. 30° E.; descend gradually.

40.00 On gradual S. slope, 20 ft. below ridge.

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 $\frac{1}{4}$ sec. cor. sec. 35, with brass cap marked

$\frac{1}{4}$ S35

1937

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chains

Deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

No suitable bearing trees available.

- 50.50 Descent becomes abrupt, bears NW. and SE.
- 53.80 Draw, 110 ft. below the $\frac{1}{4}$ sec. cor., drains S. 35° E.; ascend gradual E. slope.
- 70.10 Blue clay spur, 165 ft. above draw, projects S. 70° E.; descend broken SW. slope.
- 73.90 Draw, 35 ft. below spur, drains S. 40° E., 3.00 chs. dist. thence E.; ascend abrupt SE. slope.
- 77.20 Recross draw, drains N. 50° E.; continue ascent.
- 80.00 On broken SE. slope, 55 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 34 and 35, with brass cap marked

T24S	R5E
S34	S35

T25S	R5E
S2	

1937

raise a

mound of stone, 3 ft. base, 2 ft. high, N. of cor.

No suitable bearing trees available.

Land, rough and mountainous, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, clay, sand, gravel, and rock; 4th rate.

Undergrowth, sagebrush, Brigham tea, black brush, shadscale, weeds, and grass.

Timber, scrub juniper and pinon.

Fair grazing land.

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

Ascend abrupt broken SE. slope of high mountainous land, through scattered scrub timber and undergrowth.

- 15.00 Sandstone rim, faces E. and bears N. and S.; continue abrupt ascent over ledgy SE. slope.
- 25.70 Base of abrupt ascent over nearly inaccessible sandstone ledges, bears NE. and SW.
- 30.50 Outcropping of coal, bears NE. and SW.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. sec. 34, falls on face of ledge where it is impracticable to set a cor.
- 43.75 At top of high rim of ledges, 920 ft. above sec. cor., bears N. 60° E. and S. 60° W.; mark a cross (X) on the surfacerock, over which:

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chains

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. sec. 34, with brass cap marked

$\frac{1}{4}$ S34 WO

1937

No suitable bearing trees available.

Thence descend gradual NW. slope.

54.60 Draw, 30 ft. below cor., drains N.; ascend gradual NE. slope.

60.40 Head of draw, 40 ft. deep, drains NE.; continue ascent over NE. slope through dense timber.

80.00 On NE. slope, 200 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 33 and 34, with brass cap marked

T24S	R5E
S33	S34

T25S R5E
S3

1937

from which

A juniper, 7 ins. diam., bears N. 82°15' E., 36 lks. dist., marked T24S R5E S34 BT.

A juniper, 5 ins. diam., bears N. 39°30' W., 80 lks. dist., marked T24S R5E S33 BT.

Land, rough and mountainous, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow blue clay, rock, and gravel; 4th rate.

Undergrowth, sagebrush, shadscale, Brigham tea, black brush, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

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

Ascend abrupt NE. slope of rough mountainous land, through dense timber and scattered undergrowth.

6.20 Spur, 60 ft. above cor.; projects N.; descend gradual NW. slope.

9.50 Draw, 30 ft. below spur, drains N.; ascend steep NE. slope.

17.40 Spur, 130 ft. above draw, projects N.; descend gradual NW. slope, through scattered timber.

25.60 Draw, 60 ft. below spur, drains N.; continue gradual descent along NW. slope.

SOUTH BOUNDARY T. 24 S., R. 5 E.

Chains

- 34.60 Draw, 90 ft. below spur, drains N. 20° E.; ascend abrupt E. slope.
- 39.00 Enter top of spur, projects SE. from the W.; thence along top of spur.
- 40.00 On top of spur, 150 ft. above draw, projects E. from the W.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 33, with brass cap marked

$\frac{1}{4}$ S33

1937

from which

A juniper, 6 ins. diam., bears N. 12° E., 60 lks. dist., marked $\frac{1}{4}$ S33 BT.

A juniper, 10 ins. diam., bears N. 36° W., 82 lks. dist., marked $\frac{1}{4}$ S33 BT.

Continue ascent along top of spur.

- 46.30 Junction of spur from the E. with spur projecting S. from the N., 150 ft. above the $\frac{1}{4}$ sec. cor. From this point, top of knoll on spur, bears North, 1.00 chs. dist.; descend steep SW. slope.
- 53.80 Head of draw, drains SW.; continue descent over SW. slope.
- 74.80 Descent becomes gradual, bears NE. and SW.
- 80.00 On gradual SW. slope, 330 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 32 and 33, with brass cap marked

T24S	R5E
S32	S33

T25S R5E
S4

1937

from which

A juniper, 14 ins. diam., bears N. 27°30' E., 82 lks. dist., marked T24S R5E S33 BT.

A juniper, 14 ins. diam., bears N. 6°30' W., 230 lks. dist., marked T24S R5E S32 BT.

Land, rough and mountainous, with a general southwesterly and northeasterly exposure and drainage. Sandstone, shale and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, shadscale, Brigham tea, black brush, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chains

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

Descend gradual SW. slope of rough mountainous land, through scattered timber and undergrowth.

- 3.50 Draw, 20 ft. below cor., drains SE., and heads NW., about 5.00 chs. dist.; ascend gradual E. slope.
- 8.50 Base of abrupt ascent over E. slope, bears N. and S.
- 10.50 Ascent becomes gradual, bears N. and S.
- 13.80 ~~Rim~~, 120 ft. above draw, bears NE. and SW.; descend gradually along N. slope.
- 28.80 Sandstone rim, faces W. and bears N. and S.; descend abrupt W. slope.
- 33.70 Draw, 160 ft. below spur, drains S. 30° W.; thence descend abrupt SW. slope.
- 40.00 On abrupt SW. slope, 50 ft. below draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 32, with brass cap marked

$\frac{1}{4}$ S32

1937

from which

A pinon, 5 ins. diam., bears N. 35°30' E., 45 lks. dist., marked $\frac{1}{4}$ S32 BT.

A juniper, 4 ins. diam., bears N. 32°30' W., 11 lks. dist., marked $\frac{1}{4}$ S32 BT.

- 52.00 Draw, 170 ft. below the $\frac{1}{4}$ sec. cor., drains S. 20° E.; descend gradually along steep SW. slope.
- 58.70 Draw, 40 ft. below last draw, drains S. 50° E.; ascend gradual E. slope.
- 65.80 Spur, 40 ft. above draw, projects S. 70° E.; descend gradual SW. slope.
- 67.00 Head of draw, 20 ft. below spur, drains SE.; ascend gradual SE. slope.
- 80.00 On gradual SE. slope, 60 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 31 and 32, with brass cap marked

T248	R5E
S31	S32

T258 R5E
85

1937

from which

A pinon, 5 ins. diam., bears N. 16° E., 43 lks. dist., marked T248 R5E S32 BT.

A pinon, 6 ins. diam., bears N. 45° W., 78 lks. dist., marked T248 R5E S31 BT.

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chains

Land, rough and mountainous with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, shadscale, Brigham tea, black brush, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

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

Ascend gradual SE. slope of rough mountainous land, through scattered timber and undergrowth.

12.00 Spur, 100 ft. above cor., projects S.; descend abrupt SW. slope.

22.00 Draw, 120 ft. below spur, drains SE., and heads NW., about 5.00 chs. dist.; ascend steep SE. slope.

23.50 Spur, 30 ft. above draw, projects S. 10° E.; descend gradually along broken SW. slope.

26.00 Slope changes from a gradual SW. slope to an abrupt W. slope.

35.70 Descent becomes gradual, bears N. and S.

40.00 On gradual W. slope, 160 ft. below spur.

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. sec. 31, with brass cap marked

$\frac{1}{4}$ S31

1937

from which

A juniper, 12 ins. diam., bears N. 17° E., 58 lks. dist., marked $\frac{1}{4}$ S31 BT.

A juniper, 8 ins. diam., bears N. 75° 15' W., 116 lks. dist., marked $\frac{1}{4}$ S31 BT.

44.00 Sandstone rim, faces SW. and bears NW. and SE.

55.20 Draw, 210 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend gradual E. slope.

59.60 Graded road, bears N. to Utah State Highway No. 10, and S., 5.00 chs. dist., thence SW. to Fremont, Utah.

62.20 Sandstone spur, 240 ft. above draw, projects S., 4.00 chs. dist. to end; descend abrupt ledgy SW. slope.

65.50 Five strand barbed wire Forest Service fence, bears N. and S.

66.95 The cor. of Ts. 24 S., Rs. 4 and 5 E., which is an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

SOUTH BOUNDARY, T. 24 S., R. 5 E.

Chain

Cor. is 100 ft. below sandstone spur, and is on the east boundary of the Fish Lake National Forest.

Land, rough and mountainous, with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, greasewood, Brigham tea, shadscale, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

EAST BOUNDARY, T. 24 S., R. 5 E.

From the cor. of Ts. 24 S., Rs. 5 and 6 E., heretofore described.

North, bet. secs. 31 and 36.

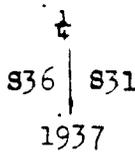
Over broken foot hills of high rough mountainous land to the NW., through scattered undergrowth.

5.90 Road, bears N. 30° E. to Utah State Highway No. 10, and S. 30° W. to an oil well and Jeffery's Ranch.

11.70 Low spur, 20 ft. high, projects E.

40.00 On broken land, 40 ft. above the township 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, W. of cor.

45.00 Base of abrupt ascent over ledgy SE. slope, bears NE. and SW.

50.80 Sandstone spur, 160 ft. above the $\frac{1}{4}$ sec. cor., projects S. 50° E.; descend abrupt broken NE. slope.

54.30 Draw, 50 ft. deep, drains S. 50° E.; continue descent.

63.00 Base of abrupt descent, bears SE. and NW.; thence over bottom lands of large cove.

71.00 Wash, 30 lks. wide, 5 ft. deep, drains E.; ascend gradual SE. slope.

80.00 On gradual SE. slope, 20 ft. above wash.

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

EAST BOUNDARY, T. 24 S., R. 5 E.

Chains

T24S	
R5E	R6E
S25	S30
S36	S31

1937

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

Land, broken and mountainous, with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, black brush, shadscale, greasewood, weeds, and grass.

No timber.

Fair grazing land.

North, bet. secs. 25 and 30.

Ascend gradual SE. slope of rough mountainous land, through scattered undergrowth.

- 6.00 Base of abrupt ascent over steep SE. slope of blue shale, bears N. 70° E. and S. 70° W.
- 15.00 Spur, 290 ft. above cor., projects N. 70° E.; descend gradually.
- 27.00 Draw, 100 ft. below spur, drains SE.; ascend abruptly.
- 29.60 Top of S. rim of wide spur, 280 ft. above sec. cor., projects S. 80° E., rim bears S. 80° E. and N. 80° W.; thence over broken top of spur.
- 39.70 Top of N. rim of spur, bears S. 80° E. and N. 80° W.; descend steep NE. slope.
- 40.00 On steep NE. slope, 55 ft. below rim 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

†	
S25	S30

1937

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

- 46.70 Descent becomes gradual, bears NE. and W.
- 52.60 Draw, 200 ft. below the $\frac{1}{4}$ sec. cor., drains N. 50° E.; ascend gradual SE. slope.
- 62.60 Base of high sandstone ledges, bears NE. and SW. and faces SE.
- 75.00 Enter scattered scrub timber, bears NE. and SW.
- 80.00 On ledgy SE. slope, 365 ft. above draw.

EAST BOUNDARY, T. 24 S., R. 5 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 19, 24, 25, and 30, with brass cap marked

T24S	
R5E	R6E
S24	S19
S25	S30

1937

from which

A pinon, 5 ins. diam., bears N. 79° W., 144 lks. dist., marked T24S. R5E S24 BT.

No other suitable bearing trees available.

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

Land, broken and mountainous, with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow and deep blue clay; 4th rate.

Undergrowth, greasewood, shadscale, weeds, and grass.

Timber, a few scattered scrub juniper and pinon on N. portion of mile.

Poor grazing land.

North, bet. secs. 19 and 24.

Ascend ledgy SE. face of high mountainous land, through scattered timber and undergrowth.

- 5.90 Outcropping of coal, bears NE. and SW.
- 9.90 Top of SE. rim of spur, 270 ft. above sec. cor., bears NE. and SW.; thence over flat top of spur which projects easterly.
- 25.00 Top of NW. rim of spur, bears E. and W.; descend abrupt ledgy N. slope. Leave timber, bears E. and W.
- 27.30 Outcropping of coal, bears E. and W.
- 33.00 Descent becomes gradual, bears E. and W.
- 40.00 On sandstone spur, 380 ft. below rim, projects E.
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

$\frac{1}{4}$	
S24	S19

1937

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

No trace of the original $\frac{1}{4}$ sec. cor. could be found.

Thence on an independent resurvey line, superseding the survey executed by A.D. Ferron, U.S. Deputy Surveyor in 1890.

- 47.00 Descent becomes abrupt, bears E. and W.
- 54.90 Draw, 100 ft. deep, drains S. 70° W.; continue descent

EAST BOUNDARY, T. 24 S., R. 5 E.

Chains

- 62.00 Base of descent and breaks, 390 ft. below the 1st sec. cor. bears NE. and SW.; thence over bottom lands of Willow Spring Wash.
- 63.20 Draw, drains NE.; continue over bottom lands of Willow Spring Wash.
- 69.00 Channel of Willow Spring Wash, 100 lks. wide, 8 ft. deep, drains SE. Small intermittent seeps of alkali water along bottom of wash.
- 75.13 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for witness cor. to the cor. secs. 13 and 24, T. 24 S., R. 5 E., and also for the closing cor. of secs. 18 and 19, T. 24 S., R. 6 E., with brass cap marked

WC	
T248	
R5E	R6E
S13	S18
S24	S19

1937

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

No other suitable accessories available.

- 77.76 The cor. originally set for secs. 13, 18, 19, and 24, which is a sandstone, 10 x 8 x 6 ins., above ground, firmly set, marked 3 notches on N. and S. edges. Cor. has no accessories

This cor. will now only function for the corner of secs. 13 and 24, T. 24 S., R. 5 E.

Cor. is set on the E. edge of the E. bank of the channel of Willow Spring Wash, and is subject to being washed out.

From this cor., the entrance to the Willow Spring Coal Mine, bears N. 50°59' W., 72.55 chs. dist.

Land, rough and mountainous, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, deep and shallow blue clay.

Undergrowth, greasewood, shadscale, and black brush.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T.24S., R.5E.

Reestablishment of surveys executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

Random Lines.

May 28, 1937; stationed at the corner of secs. 13, 18, 19, and 24, on the W. bdy. of the township, hereinafter described, in approximate latitude 38°42'30" N., longitude 111°25' W., at 1h 26.6m p.m. local mean time, I make an hour angle observation on Polaris west of the meridian,

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T.24S., R.5E.

Chains

making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole about 30 chains North, in a counter clockwise direction to Polaris.

Watch time of observation (correct 105th Meridian Standard Time).....1h 52.3m p.m.

Mean horizontal angle, flag pole to star $1^{\circ} 11'$

Azimuth of Polaris..... $1^{\circ} 11.2'$ W.

True bearing to flag pole..... North.

Thence:

From the cor. secs. 13, 18, 19, and 24.

East, on random line, bet. secs. 18 and 19.

26.20 Record distance; find no trace of the $\frac{1}{4}$ sec. cor. secs. 18 and 19.

Continue on same line with continuous measurement.

66.20 Find no trace of the cor. secs. 17, 18, 19, and 20. Set temp. cor.

Continue on same line with continuous measurement.

106.20 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 17 and 20.

Continue on same line with continuous measurement.

141.29 Fall 1.59 chs. S. of the cor. secs. 16, 17, 20, and 21, hereinafter described.

From the temp. c. r. secs. 17, 18, 19, and 20.

N. $52^{\circ} E$, on random line bet. secs. 17 and 18, making searches for corners at intervals of 40 and 60 chs. and at:

162.12 Fall 4.67 chs. E. of the cor. secs. 5, 6, 7, and 8, which is a trachyte, $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ ins., loosely set in a mound of stone, marked 5 notches on S. and E. edges. Cor. is witnessed by one bearing tree as follows.

A pinon, 6 ins. diam., bears East, 13 lks. dist., marked T24S R5E.

I reset cor. in a mound of stone, 5 ft. base, and 2 ft. high.

Therefore, at a point 2.22 chs. West, and 2.10 chs. North, of the temp. cor. secs. 17, 18, 19, and 20, I set the cor. of secs. 17 and 18, as hereinafter described.

The course of the line from the restored cor. secs. 17 and 18, to the cor. secs. 5, 6, 7, and 8, therefore is, North, and the distance is 160.00 chs.

The course of the S. bdy. sec. 17, therefore is, $S. 89^{\circ} 42' E.$, and the proportionate distance for each half mile is 38.655 chs.

The course of the S. bdy. sec. 18, is $N. 38^{\circ} 07' E.$, and the distance of the E. half mile is 38.67 chs. and the distance of the W. half mile is 25.34 chs.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T.24S., R.5E.

Chains

From the cor. secs. 16, 17, 20, and 21.
East, bet. secs. 16 and 21.

39.54 Fall 3.33 chs. North of the $\frac{1}{4}$ sec. cor. secs. 16 and 21, hereinafter described.

The course of this half mile therefore is, S. 85°11' E., and the distance is 39.68 chs.

From the $\frac{1}{4}$ sec. cor.
East, with new measurement.

39.49 Fall 1.39 chs. North of the cor. secs. 15, 16, 21, and 22, hereinafter described.

The course of this half mile therefore is, S. 87°59' E., and the distance is 39.51 chs.

From the cor. secs. 15, 16, 21, and 22.
East, bet. secs. 15 and 22.

39.91 Fall 1.21 chs. South of the $\frac{1}{4}$ sec. cor. secs. 15 and 22, hereinafter described.

The course of this half mile therefore is, N. 88°16' E., and the distance is 39.93 chs.

From the $\frac{1}{4}$ sec. cor.
East, with new measurement.

40.40 Fall 67 lks. North of the cor. secs. 14, 15, 22, and 23, hereinafter described.

The course of this half mile therefore is, S. 89°03' E., and the distance is 40.41 chs.

From the cor. secs. 14, 15, 22, and 23.
East, bet. secs. 14 and 23.

39.99 Fall 35 lks. North of the $\frac{1}{4}$ sec. cor. secs. 14 and 23, hereinafter described.

The course of this half mile therefore is, S. 89°30' E., and the distance is 39.99 chs.

From the $\frac{1}{4}$ sec. cor.
East, with new measurement.

45.56 Fall 62 lks. South of the cor. secs. 13, 14, 23, and 24, hereinafter described.

The course of this half mile therefore is, N. 89°13' E., and the distance is 45.56 chs.

From the cor. secs. 13, 14, 23, and 24.
East, bet. secs. 13 and 24.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 5 E.

Chains

- 40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 13 and 24.
Continue on same line with continuous measurement.
- 80.42 Intersect the E. bdy. of the township, 19 lks. South of the cor. secs. 13 and 24, heretofore described.
The course of this mile therefore is, N. $89^{\circ}52'$ E., and the proportionate distance of each half mile is 40.21 chs.

True Lines.

From the cor. secs. 13, 18, 19, and 24, on the W. bdy. of the township, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

N. $88^{\circ}07'$ E., on true line, along the S. bdy. sec. 18.

Descend gradual E. slope of rolling mountainous land, through dense timber and scattered short undergrowth.

- 25.34 Proportionate point.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked

$\frac{1}{4}$ S18

1937

from which

A pinon, 10 ins. diam., bears N. 49° E., 140 lks. dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 4 ins. diam., bears N. $33^{\circ}15'$ W., 94 lks. dist., marked $\frac{1}{4}$ S18 BT.

- 26.29 Point which is a westing of 40.00 chs. from the closing cor. secs. 19 and 20.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 19, with brass cap marked

$\frac{1}{4}$ S19

1937

from which

A pinon, 6 ins. diam., bears S. $14^{\circ}15'$ E., 115 lks. dist., marked $\frac{1}{4}$ S19 BT.

A pinon, 5 ins. diam., bears S. $20^{\circ}30'$ W., 94 lks. dist., marked $\frac{1}{4}$ S19 BT.

- 29.75 Graded road, bears N. 20° E. to Utah State Highway No. 10 and S. 10° W. to Fremont, Utah.

- 33.70 Ravine, 180 ft. below sec. cor., drains N.; ascend steep rocky W. slope.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 5 E.

Chains

SERIAL

- 36.80 Spur, 80 ft. above ravine, projects N. 50° E.; descend steep rocky E. slope.
- 40.80 Draw, 70 ft. below spur, drains N. 30° E.; ascend steep rocky W. slope.
- 53.00 Rocky spur, 190 ft. above draw, projects SW.; descend gradual SE. slope.
- 55.00 Base of descent, 30 ft. below spur, bears N. and S.; ascend gradually along NW. slope.
- 64.01 Proportionate 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, for the restored cor. secs. 17 and 18, with brass cap marked

T24S	R5E
S18	S17

S19

1937

from which

A pinon, 8 ins. diam., bears N. 61°45' E., 38 lks. dist., marked T24S R5E S17 BT.

A pinon, 12 ins. diam., bears N. 21° W., 40 lks. dist., marked T24S R5E S18 BT.

Land, mountainous, with a general northerly and northwesterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, gravel, and sand, with a rocky surface, 4th rate.

Undergrowth, sage and black brush, shadscale, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

S. 39°42' E., along the S. bdy. sec. 17.

Over rolling mountainous land, through dense timber and scattered undergrowth.

- 2.30 The closing cor. secs. 19 and 20 subsequently set at this point.
- 14.20 Timber becomes scattered, bears NE. and SW.
- 24.20 Wide shallow draw, 50 ft. below cor., drains N. 50° E.; ascend along gradual N. slope.
- 33.55 Proportionate point:
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored cor. sec. 17, with brass cap marked

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 5 E.

Chains

‡ S17

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

No suitable bearing trees available.

42.23

Point midway bet. the closing cors. of secs. 19 and 20, and secs. 20 and 21.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ‡ sec. cor. sec. 20, with brass cap marked

‡ S20

1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

54.70

Draw, 50 ft. deep, drains N. 15° E.; continue ascent along N. slope.

65.40

Ridge, 260 ft. above the draw at the 24.20 chs. point, bears N. 15° W. and S. 20° W.; descend steep NE. slope.

77.31

The cor. set for secs. 16, 17, 20, and 21, which is a trachyte, 12 x 10 x 6 ins., firmly set, marked 2 notches on W. edge and 4 notches on E. edge. Cor. is witnessed by two bearing trees as follows.

A pinon, 6 ins. diam., bears N. 78° E., 20 lks. dist., marked S16 BT. I blaze and mark this tree T24S R5E S16 BT.

A pinon, 15 ins. diam., bears S. 60° W., 52 lks. dist., marked T24S R5E S20 BT. I efface the marks on this bearing tree.

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 post, for cor. secs. 16 and 17, with brass cap marked

T24S	R5E
S17	S16

S20

1937

I mark an additional bearing tree to this cor. as follows.

A pinon, 15 ins. diam., bears N. 71° W., 30 lks. dist., marked T24S R5E S17 BT.

Land, rolling, with a general northerly exposure and drainage. Volcanic and sandstone formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, rabbit, and bitter brush, greasewood, shadscale, weeds, and grass.

Timber, Juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 5 E.

Chains

S. 85°11' E., along the S. bdy. sec. 16.

Descend gradual NE. slope of rough mountainous land, through dense timber and scattered undergrowth.

3.00 Draw, 40 ft. below cor., drains N. 15° E.; ascend steep rocky W. slope.

4.87 The closing cor. secs. 20 and 21 subsequently set at this point.

9.60 Rocky spur, 60 ft. above draw, projects N. 10° W.; descend steep NE. slope.

39.68 On steep rocky NE., slope, 400 ft. below spur; the $\frac{1}{4}$ sec. cor. originally set for secs. 16 and 21, which is a trachyte, 18 x 18 x 6 ins., loosely set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with the original cor. stone deposited at the base of post, for $\frac{1}{4}$ sec. cor. sec. 16, with brass cap marked

$\frac{1}{4}$ S16

1937

from which

A pinon, 11 ins. diam., bears N. 57°15' E., 49 lks. dist., marked $\frac{1}{4}$ S16 BT.

A pinon, 5 ins. diam., bears N. 62°30' W., 33 lks. dist., marked $\frac{1}{4}$ S16 BT.

Thence:

S. 87°59' E., with continuous measurement.

45.00 Point midway bet. the closing cors. of secs. 20 and 21, and secs. 21 and 22.

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 $\frac{1}{4}$ sec. cor. sec. 21, with brass cap marked

$\frac{1}{4}$ S21

1937

from which

A pinon, 8 ins. diam., bears S. 24° E., 23 lks. dist., marked $\frac{1}{4}$ S21 BT.

A pinon, 4 ins. diam., bears S. 22°15' W., 39 lks. dist., marked $\frac{1}{4}$ S21 BT.

46.00 Small rocky spur, 20 ft. high, projects N.; continue descent over NE. slope.

63.00 Enter nearly level clay flat, 550 ft. below the spur at the 9.60 chs. point, bears NE. and SW.

70.40 Leave clay flat, bears NE. and SW.; thence ascend steep NW. slope.

INDEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 5 E.

Chains

79.19 The cor. originally set for secs. 15, 16, 21 and 22, which is a trachyte, 16 x 14 x 8 ins., loosely set, marked 3 notches on E. and S. edges. Cor. is witnessed by two bearing trees as follows.

A juniper, 4 ins. diam., bears S. 29° W., 12 lks. dist., marked S21 BT. I efface the marks on this tree.

A dead pinon, 8 ins. diam., bears N. 30° W., 20 lks. dist., marked T24S R5E S16 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 post, for cor. secs. 15 and 16, with brass cap marked

T24S	R5E
S16	S15

S21

1937

I mark additional bearing trees to cor. as follows.

A juniper, 10 ins. diam., bears N. 66°15' E., 28 lks. dist., marked T24S R5E S15 BT.

A pinon, 7 ins. diam., bears N. 47°45' W., 44 lks. dist., marked T24S R5E S16 BT.

Land, rolling and mountainous. Sandstone and volcanic formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, rabbit, and black brush, shadscale, greasewood, yellow top, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

N. 28°16' E., along the S. bdy. of sec. 15.

Ascend steep NW. slope of rough mountainous land, through dense timber and scattered undergrowth.

54.00 Rocky spur, 70 ft. above cor., projects N. 10° E.; descend steep E. slope.

5.94 The closing cor. secs. 21 and 22, subsequently set at this point.

13.50 Base of descent, 80 ft. below spur, bears N. and S.; ascend gradual SW. slope.

28.00 Spur, 40 ft. above base of ascent, projects N.; descend gradual E. slope.

39.93 The 1/4 sec. cor. originally set for secs. 15 and 22, which is a trachyte, 16 x 14 x 8 ins., firmly set, marked 1/4 on N. face. Cor. has no accessories.

At the cor. point:

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S. R. 5 E.

Chains

CHAINS

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 post, for $\frac{1}{4}$ sec. cor. sec. 15, with brass cap marked

$\frac{1}{4}$ S15

1937

from which

A juniper, 7 ins. diam., bears N. $57^{\circ}45'$ E., 57 lks. dist., marked $\frac{1}{4}$ S15 BT.

A pinon, 6 ins. diam., bears N. $8^{\circ}30'$ E., 32 lks. dist., marked $\frac{1}{4}$ S15 BT.

Thence:

S. $89^{\circ}03'$ E., with continuous measurement.

45.82

Point midway bet. the closing cors. of secs. 21 and 22, and secs. 22 and 23.

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. sec. 22, with brass cap marked

$\frac{1}{4}$ S22

1937

from which

A pinon, 9 ins. diam., bears S. $55^{\circ}45'$ E., 41 lks. dist., marked $\frac{1}{4}$ S22 BT.

A pinon, 3 ins. diam., bears S. 71° W., 16 lks. dist., marked BT.

70.90

Draw, 300 ft. below spur, drains S.; ascend steep rocky SW. slope.

30.34

The cor. originally set for secs. 14, 15, 22, and 23, which is a trachyte, 18 x 8 x 6 ins., firmly set, marked 3 notches on S. edge and 2 notches on E. edge. Cor. is witnessed by one bearing tree as follows.

A pinon, 6 ins. diam., bears S. 30° E., 25 lks. dist., marked T24S R5E S23 BT. I efface the marks on this tree.

At the cor. point; on top of spur, 65 ft. above draw, projects S.

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 post, for cor. secs. 14 and 15, with brass cap marked

T24S R5E
S15 S14

S22

1937

from which

A pinon, 7 ins. diam., bears N. $67^{\circ}45'$ E., 37 lks. dist., marked T24S R5E S14 BT.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 4 E.

Chains

A juniper, 4 ins. diam., bears N. 41° W., 19 lks. dist., marked T24S R5E S15 BT.

Land, rough and mountainous, with a general southerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sage, rabbit, and bitter brush, shadscale, greasewood, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

S. 89°30' E., along the S. bdy. sec. 14.

Descend abrupt SE. slope of rough mountainous land, through scattered timber and undergrowth.

5.45 The closing cor. secs. 22 and 23, subsequently set at this point.

19.00 Draw, 290 ft. below cor., drains N. 25° E.; ascend steep W. slope.

32.00 Ridge, 230 ft. above draw, bears N. and S. 10° E.; descend steep rocky E. slope.

39.99 The $\frac{1}{4}$ sec. cor. originally set for secs. 14 and 23, which is a trachyte, 20 x 18 x 18 ins., firmly set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

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 post, for $\frac{1}{4}$ sec. cor. sec. 14, with brass cap marked

$\frac{1}{4}$ S14

1937

from which

A pinon, 7 ins. diam., bears N. 25° E., 48 lks. dist., marked $\frac{1}{4}$ S14 BT.

A pinon, 8 ins. diam., bears N. 55°15' W., 50 lks. dist., marked $\frac{1}{4}$ S14 BT.

Thence:

N. 89°13' E., with continuous measurement.

45.50 Point which is midway bet. the cor. of secs. 13, 14, 23, and 24, and the closing cor. secs. 22 and 23.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 23, with brass cap marked

$\frac{1}{4}$ S23

1937

from which

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24N R. 7E S. 13-24

Chains

- A pinon, 5 ins. diam., bears S. 19°15' E., 87 lks. dist., marked $\frac{1}{4}$ S23 BT.
- A juniper, 4 ins. diam., bears S. 49°30' W., 26 lks. dist., marked $\frac{1}{4}$ S23 BT.
- 54.40 The W. edge of an open draw, bears SE. and NW.
- 65.90 Wash, 30 lks. wide, 2 ft. deep, in bottom of wide open draw, 260 ft. below ridge, drains S. 75° E.
- 71.00 The E. edge of open draw, bears SE. and NW.; ascend ledgy SW. slope.
- 75.70 Sandstone spur, 40 ft. above draw, projects S., 3.00 chs. dist. to end; descend along ledgy S. slope.
- 82.10 Draw, 90 ft. below spur, drains S.; ascend ledgy SW. slope.
- 85.55 The cor. originally set for secs. 13, 14, 23, and 24, which is a trachyte 15 x 12 x 10 ins., firmly set, marked 1 notch on E. edge and 3 notches on S. edge. Cor. has no accessories.

At the cor. point; on ledgy SW. slope, 20 ft. above draw. 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. secs. 13, 14, 23, and 24, with brass cap marked

T24S	R5E
S14	S13
S23	S24

1937

from which

- A pinon, 7 ins. diam., bears N. 25°15' E., 45 lks. dist., marked S13 BT. Tree too scrubby for other marks.
- A pinon, 15 ins. diam., bears S. 21°15' E., 52 lks. dist., marked T24S R5E S24 BT.
- A pinon, 7 ins. diam., bears S. 65°30' W., 108 lks. dist., marked T24S R5E S23 BT.
- A pinon, 8 ins. diam., bears N. 24°45' W., 117 lks. dist., marked S14 BT. Tree too scrubby for other marks.
- Land, broken and mountainous with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.
- Soil, shallow clay and rock; 4th rate.
- Undergrowth, sage and bitter brush, shadscale, yellow top, weeds, and grass.
- Timber, juniper and pinon.
- Fair grazing land.

N. 39°52' E., bet. secs. 13 and 24.

Ascend steep SW. slope of rough mountainous land, through scattered timber and undergrowth.

DEPENDENT RESURVEY OF A PORTION SUBDIVISION, T. 24 S., R. 5 E.

Chains	
2.40	Top of ascent, 30 ft. above cor.; bears N. and S.; descend gradually along steep ledgy S. slope.
14.00	Draw, 40 ft. below top of ascent, drains S.; ascend gradually along steep ledgy S. slope.
26.00	Top of ascent, 140 ft. above draw, bears N. and S.; descend along steep ledgy S. slope.
35.30	Draw, 305 ft. below top of ascent, drains S.; ascend steep ledgy SW. slope.
40.21	Proportionate point; on steep SW. slope, 60 ft. above draw. 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 the restored $\frac{1}{4}$ sec. cor. secs. 13 and 24, with brass cap marked
	$\frac{1}{4} \begin{array}{l} S13 \\ \hline S24 \end{array}$
	1937 from which
	A pinon, 21 ins. diam., bears N. 29°15' E., 91 lks. dist., marked $\frac{1}{4}$ S13 BT.
	A juniper, 12 ins. diam., bears S. 55°15' W., 41 lks. dist., marked $\frac{1}{4}$ S24 BT.
46.30	Rocky spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects S.; descend gradually along S. slope.
66.30	Top of E. rim of high vertical ledge, bears NW. and SW.; descend abrupt E. slope.
79.30	Channel of Willow Spring Wash, 100 lks. wide, 20 ft. deep, 420 ft. below spur, drains S. 10° W., 3.00 chs. dist., thence S. 70° E. Small intermittent seeps of alkali water along bottom of wash.
80.42	The cor. of secs. 13 and 24, on E. bank of wash, heretofore described. Land, rough and mountainous with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation. Soil, shallow clay, shale, and rock; 4th rate. Undergrowth, sagebrush, greasewood, shadscale, yellow top, weeds, and grass. Timber, juniper and pinon. Poor grazing land.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

From the cor. secs. 35 and 36, on the S. bdy. of the township, heretofore described.

N. 0°01' W., bet. secs. 35 and 36.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

Ascend steep S. slope of rough mountainous land, through scattered timber and undergrowth.

4.30 Rocky spur, 60 ft. above cor., projects S. 80° E.; descend steep rocky N. slope.

11.30 Spur, 50 ft. below last spur, projects E., about 5.00 chs. dist. to end; continue abrupt descent over N. slope.

14.80 Draw, 90 ft. below last spur, drains S. 80° E.; ascend abrupt S. slope.

29.40 Spur, 210 ft. above draw, projects S. 30° E., about 7.00 chs. dist. to end; descend abrupt NE. slope.

30.70 Draw, 50 ft. below spur, drains S. 40° E.; ascend steep SE. slope.

40.00 On steep SE. slope, 140 ft. above draw.

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

$\frac{1}{4}$
 S35 | S36
 1937

from which

A juniper, 7 ins. diam., bears S. 32°30' E., 76 lks. dist., marked $\frac{1}{4}$ S36 BT.

No other suitable bearing tree available.

65.00 Base of abrupt ascent over SE. face of sandstone ledges, bears NE. and SW.

78.00 Top of ledges, 610 ft. above the $\frac{1}{4}$ sec. cor., bears N. 80° E. and S. 40° W.; ascend SW. slope.

80.00 On SW. slope, 10 ft. above top of ledges.

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

T24S	R5E
S26	S25
S35	S36

 1937

from which

A juniper, 3 ins. diam., bears N. 41°15' E., 54 lks. dist., marked BT.

A pinon, 8 ins. diam., bears S. 22° E., 138 lks. dist., marked T24S R5E S36 BT.

A pinon, 9 ins. diam., bears S. 38°45' W., 14 lks. dist., marked T24S R5E S35 BT.

A juniper, 3 ins. diam., bears N. 34°15' W., 50 lks. dist., marked BT.

Land, rough and mountainous, with a general southeasterly exposure and drainage. Sandstone and shale formation.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

Soil, shallow blue clay and rock; 4th rate.

Undergrowth, silver leaf; mountain rush, sagebrush, shadscale, weeds, and grass.

Timber, juniper and pinon.

Poor grazing land.

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

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

79.90 Intersect the E. bdy. of the township, 3 lks. N. of the cor. secs. 25, 30, 31, and 36, heretofore described.

Thence:

N. $89^{\circ}59'$ W., on true line, bet. secs. 25 and 36.

Ascend gradually along broken SE. slope of rough mountainous land, through scattered undergrowth.

39.95 On broken SE. slope, 330 ft. above 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

$$\frac{1}{4} \begin{array}{r} 825 \\ \hline 836 \end{array}$$

1937

deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked X.

Thence ascend gradually along S. slope of broken ledges.

62.50 Wash, 10 lks. wide, 2 ft. deep, drains S.

76.00 Top of ledges, 370 ft. above the $\frac{1}{4}$ sec. cor., bears N. 80° E. and S. 40° W.; thence along S. and SW. slopes.

79.90 The cor. secs. 25, 26, 35, and 36.

Land, rough and mountainous, with a general southwesterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay, shale, and rock; 4th rate.

Undergrowth, black brush, shadscale, greasewood, yellow top, mountain rush, weeds, and grass.

Timber, a few scattered juniper and pinon.

Poor grazing land.

N. $0^{\circ}01'$ W., bet. secs. 25 and 26.

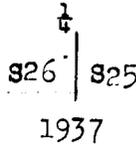
Ascend SW. slope of rough mountainous land, through dense timber and scattered undergrowth.

4.90 Ridge, 50 ft. above cor., bears N. 30° W. and S. 80° E.; descend abrupt rocky NW. slope.

SUBDIVISION OF A PORTION T. 24 S., R. 5 E.

Chains

40.00 On steep rocky NW. slope, 280 ft. below ridge.
 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



from which

A pinon, 3 ins. diam., bears S. 32° E., 29 lks. dist., marked BT.

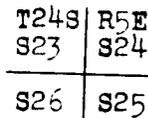
A pinon, 15 ins. diam., bears N. 44°45' W., 49 lks. dist., marked $\frac{1}{4}$ S26 BT.

60.00 Top of abrupt descent over NW. face of sandstone ledges, bears NE. and SW.

74.90 Deep gulch, 500 ft. below the $\frac{1}{4}$ sec. cor., drains N. 75° E.; small intermittent seeps of alkali water in bottom of gulch; ascend gradual SE. slope.

80.00 On gradual SE. slope, 20 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 23, 24, 25, and 26, with brass cap marked



1937

from which

A pinon, 3 ins. diam., bears N. 23°45' E., 82 lks. dist., marked S24 BT.

A pinon, 8 ins. diam., bears S. 57°30' E., 135 lks. dist., marked T24S R5E S25 BT.

A juniper, 6 ins. diam., bears S. 40° W., 173 lks. dist., marked BT. Tree too scrubby for other marks.

A pinon, 6 ins. diam., bears N. 25° W., 76 lks. dist., marked BT. Tree too scrubby for other marks.

Land, rough and mountainous, with a general northwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow blue clay, shale, and rock; 4th rate.

Undergrowth, silver leaf, mountain rush, shadscale, greasewood, yellow top, and weeds.

Timber, juniper and pinon.

Poor grazing land.

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

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

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

- 79.96 Intersect the E. bdy. of the township, 5 lks. N. of the cor. secs. 19, 24, 25, and 30, heretofore described.
- Thence:
- N. 89°57' W., on true line, bet. secs. 24 and 25.
- Ascend abrupt SE. face of broken sandstone ledges, through scattered timber and undergrowth.
- 14.00 Top of ledges, bears N. 55° E. and S. 40° W.; continue abrupt ascent over SE. slope.
- 22.00 Rocky spur, 480 ft. above cor., projects N. 75° E.; descend abrupt rocky NW. slope.
- 39.98 On rocky abrupt NW. slope, 180 ft. below spur.
- 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 $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ S24
 S25
 1937
- from which
- A pinon, 6 ins. diam., bears N. 0°45' E., 60 lks. dist., marked $\frac{1}{4}$ S24 BT.
- A pinon, 7 ins. diam., bears S. 14°45' W., 86 lks. dist., marked $\frac{1}{4}$ S25 BT.
- 44.40 Draw, 70 ft. below the $\frac{1}{4}$ sec. cor., drains N. 30° E.; ascend gradual E. slope.
- 47.00 Spur, 40 ft. above draw, slopes N. 50° E.; descend gradually along N. slope of broken ledges.
- 77.20 Base of ledges, bears N. 60° E. and S. 80° W.; continue descent.
- 78.40 Gulch, 360 ft. below spur, drains N. 65° E.; small seeps of alkali water in bottom of gulch.
- 79.96 The cor. secs. 23, 24, 25, and 26, 30 ft. above gulch.
- Land, rough and mountainous, with a general southeasterly and northeasterly exposure and drainage. Sandstone and shale formation.
- Soil, shallow blue clay, sand, and rock; 4th rate.
- Undergrowth, silver leaf, mountain rush, black brush, yellow top, and weeds.
- Timber, juniper and pinon.
- Poor grazing land.
-
- N. 0°01' W., on random line, bet. secs. 23 and 24.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

CHAINS

77.53 Intersect the S. bdy. sec. 13, 41 lks. E. of the cor. sec. 13, 14, 23, and 24, heretofore described.

Hence:

S. $0^{\circ}19'$ E., on true line, bet. secs. 23 and 24.

Descend abrupt S. slope of rough mountainous land, through scattered timber and undergrowth.

6.30 Draw, 140 ft. below cor., drains S. 75° E.; ascend gradual N. slope.

10.00 Spur, 60 ft. above draw, projects E.; descend gradually along E. slope.

12.20 Draw, 20 ft. below spur, drains N. 85° E.; ascend steep N. slope.

16.90 Spur, 130 ft. above draw, projects N. 85° E.; descend steep S. slope.

24.50 Gulch, 160 ft. below spur, drains N. 85° E.; ascend gradual N. slope.

37.53 On gradual N. slope, 145 ft. above gulch.

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

$\frac{1}{4}$
S23 | S24

1937

from which

A juniper, 3 ins. diam., bears S. $21^{\circ}30'$ E., 31 lks. dist., marked BT.

A pinon, 7 ins. diam., bears N. $54^{\circ}15'$ W., 61 lks. dist., marked $\frac{1}{4}$ S23 BT.

42.50 Sandstone spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects N. 30° E.; descend abrupt SE. slope over sandstone ledges.

51.00 Base of ledges, bears N. 70° E. and S. 60° W.; continue descent over SE. slope.

77.53 The cor. secs. 23, 24, 25, and 26, 280 ft. below spur.

Land, rough and mountainous, with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay, sand, and rock; 4th rate.

Undergrowth, greasewood, black brush, mountain rush, silver leaf, shadscale, sagebrush, and weeds.

Timber, juniper and pinon.

Poor grazing land.

From the cor. secs. 34 and 35, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}21'$ W., bet. secs. 34 and 35.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

Ascend abrupt SE. face of nearly inaccessible sandstone ledges, through scattered timber and undergrowth.

16.50 Outcropping of coal, bears NE. and SW.

24.10 Top of rim of ledges, 815 ft. above cor., bears N. 70° E., and S. 70° W.; thence ascend steep broken S. slope over large volcanic boulders.

32.60 Ridge, 1075 ft. above sec. cor., bears N. 70° E. and S. 70° W.; descend gradual N. slope through dense timber.

40.00 On gradual N. slope, 50 ft. below ridge.

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

S34 | S35

1937

from which

A pinon, 6 ins. diam., bears N. 55° E., 8 lks. dist., marked $\frac{1}{4}$ S35 BT.

A pinon, 6 ins. diam., bears N. 45° W., 10 lks. dist., marked $\frac{1}{4}$ S34 BT.

49.00 Slope changes from a gradual N. slope to an abrupt NW. slope.

50.00 On abrupt NW. slope, 430 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. secs. 26, 27, 34, and 35, with brass cap marked

T24S | R5E
S27 | S26

S34 | S35

1937

from which

A juniper, 8 ins. diam., bears N. 36° E., 47 lks. dist., marked T24S R5E S26 BT.

A pinon, 8 ins. diam., bears S. 19° E., 36 lks. dist., marked T24S R5E S35 BT.

A pinon, 5 ins. diam., bears S. 50° W., 43 lks. dist., marked T24S R5E S34 BT.

A juniper, 6 ins. diam., bears N. 28°45' W., 54 lks. dist., marked T24S R5E S27 BT.

Land, rough and mountainous, with a general southeasterly and northerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, silver leaf, mountain rush, yellow top, shadscale, and weeds.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

Timber, juniper and pinon.

Poor grazing land.

East, on random line, bet. secs. 26 and 35.

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

80.06 Intersect the N. and S. line, 7 lks. N. of the cor. secs. 25, 26, 35, and 36.

Thence:

N. $89^{\circ}57'$ W., on true line, bet. secs. 26 and 35.

Descend gradual SW. slope of rough mountainous land, through dense timber and scattered undergrowth.

6.10 Head of draw, 50 ft. below cor., drains SW.; ascend abrupt NE. slope.

25.10 Enter flat top of high point on ridge, bears NW. and SE., 220 ft. above head of draw; thence over flat top of ridge.

35.40 Leave flat top of ridge, bears N. and S.; descend abrupt W. slope.

40.03 On abrupt W. slope, 110 ft. below ridge.

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

$\frac{1}{4}$ 826
835

1937

from which

A pinon, 8 ins. diam., bears N. $48^{\circ}30'$ E., 79 lks. dist., marked $\frac{1}{4}$ S26 BT.

A pinon, 6 ins. diam., bears S. $28^{\circ}45'$ E., 42 lks. dist., marked $\frac{1}{4}$ S35 BT.

48.00 Enter broken sandstone ledges, bears NW. and SE.

50.90 Draw, 190 ft. below the $\frac{1}{4}$ sec. cor., drains N. 35° W.; ascend gradual NE. slope.

67.40 Spur, 80 ft. above draw, projects N. 15° E.; descend gradual NW. slope.

77.50 Draw, 15 ft. deep; drains N. 50° W.; continue descent.

80:06 The cor. secs. 26, 27, 34, and 35, 50 ft. below spur.

Land, rough and mountainous, with a general southwesterly and northwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, and sand, with rocky surface; 4th rate.

Undergrowth, silver leaf, mountain rush, shadscale, greasewood, sagebrush, and weeds.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

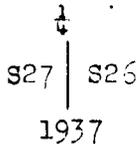
Timber, juniper and pinon.

Fair grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Descend gradual NW. slope of rough mountainous land, through dense timber and scattered undergrowth.

- 1.60 Draw, 30 ft. below cor., drains N. 35° W.; continue descent.
- 20.60 The SE. rim of deep gulch, bears NE. and SW.
- 23.40 Bottom of gulch, 230 ft. below cor., drains N. 65° E.; ascend steep SE. slope.
- 25.00 Top of NW. rim of gulch, bears NE. and SW.; continue ascent over SE. slope.
- 40.00 On SE. slope, 100 ft. above gulch.
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

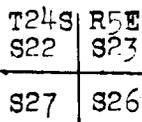


from which

A pinon, 11 ins. diam., bears N. 34°15' E., 127 lks. dist., marked $\frac{1}{4}$ S26 BT.

A juniper, 6 ins. diam., bears N. 64°45' W., 84 lks. dist., marked $\frac{1}{4}$ S27 BT.

- 46.20 Spur, 100 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend steep N. slope.
- 55.00 Sandstone rim, faces NW. and bears NE. and W.
- 57.70 Draw, 290 ft. below spur, drains N. 35° E.; ascend SE. slope over broken ledges.
- 60.20 Sandstone rim, faces SE. and bears NE. and SW.; thence ascend S. slope.
- 80.00 On steep rocky S. slope, 400 ft. above draw.
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. secs. 22, 23, 26, and 27, with brass cap marked



1937

from which

A pinon, 6 ins. diam., bears N. 80° E., 142 lks. dist., marked T24S R5E S23 BT.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

A juniper, 6 ins. diam., bears S. 72° E., 119 lks. dist., marked T24S R5E S26 BT.

A pinon, 8 ins. diam., bears S. 41°45' W., 126 lks. dist., marked T24S R5E S27 BT.

A juniper, 3 ins. diam., bears N. 42°30' W., 24 lks. dist., marked BT.

Land, rough and mountainous, with a general northeasterly exposure and drainage. Sandstone, volcanic, and shale formation.

Soil, shallow clay and sand, with rocky surface; 4th rate.

Undergrowth; sagebrush, mountain rush, silver leaf, shade-scale, and weeds.

Timber, juniper and pinon.

Fair grazing land.

S. 89°57' E., on random line, bet. secs. 23 and 26.

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

80.06 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 23, 24, 25, and 26.

Thence:

N. 89°56' W., on true line, bet. secs. 23 and 26.

Ascend broken SE. slope over ledges and rough mountainous land, through dense timber and scattered undergrowth.

33.10 Rocky spur, 390 ft. above cor., projects S. 10° W.; descend abrupt SW. slope.

37.50 Base of descent, 100 ft. below spur, bears NE. and SW.; ascend ledgy SE. slope.

40.03 On SE. slope, 10 ft. above base of ascent.

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

$\frac{1}{4}$ $\frac{S23}{S26}$

1937

from which

A juniper, 6 ins. diam., bears S. 46° E., 11 lks. dist., marked $\frac{1}{4}$ S26 BT.

A pinon, 7 ins. diam., bears N. 26° W., 100 lks. dist., marked $\frac{1}{4}$ S23 BT.

Continue ascent over ledgy SE. slope.

50.00 Top of rim of ledges, bears N. 80° E. and S. 80° W.; continue ascent over SE. slope.

SUBDIVISION OF SECTION 17, T4N, R. 5E.

70.00 Spur, 330 ft. above the $\frac{1}{4}$ sec. cor., projects N. 55° E.; thence ascend NE. slope.

74.60 Recross top of spur, 360 ft. above the $\frac{1}{4}$ sec. cor., projects S. 70° E.; descend gradually along steep S. slope.

80.06 The cor. secs. 22, 23, 26, and 27, 30 ft. below spur.

Land, rough and mountainous, with a general southeasterly exposure and drainage. Sandstone, volcanic, and shale formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, mountain rush, silver leaf, yellow top, shadscale, black brush, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0° 19' W., on true line, bet. secs. 22 and 23.

Ascend abrupt S. slope of rough mountainous land, through scattered timber and undergrowth.

4.80 Spur, 110 ft. above cor., projects N. 3° E.; descend abrupt N. slope.

5.30 Head of draw, 120 ft. below spur, drains N. 10° E.; continue descent over N. slope.

39.30 Draw, 500 ft. below spur, drains N. 3° E.; ascend along broken E. slope.

40.00 On broken E. slope.

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



from which

A juniper, 9 ins. diam., bears N. 71° E., 51 lks. dist., marked $\frac{1}{4}$ 823 BT.

A juniper, 6 ins. diam., bears S. 37° W., 47 lks. dist., marked $\frac{1}{4}$ 822 BT.

43.40 Top of ascent, 20 ft. above draw, slopes E.; descend steep N. slope.

46.30 Large main draw, 60 ft. below top of ascent, drains S. 25° E.; ascend steep S. slope.

58.00 Spur, 300 ft. above draw, projects W.; descend steep N. slope.

67.10 The SE. edge of clay flat, bears NE. and SW.

70.10 The NW. edge of clay flat, bears NE. and SW., 150 ft. below spur; ascend steep SE. slope.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

77.00

Intersect the S. bdy. sec. 14.
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 for closing cor. secs. 22 and 23, with brass cap marked

T24S R5E
S14

S22	S23
T24S R5E	R5E
C	C

1937

from which

A pinon, 9 ins. diam., bears S. 64°45' E., 97 lks. dist., marked T24S R5E S23 CC BT.

A pinon, 7 ins. diam., bears S. 7°30' W., 48 lks. dist., marked T24S R5E S22 CC BT.

From this cor., the cor. secs. 14 and 15, heretofore described, bears N. 89°30' W., 5.45 chs. dist.

Land, rough and mountainous, with a general easterly exposure and drainage. Sandstone, volcanic, and shale formation.

Soil, shallow clay, rock, and gravel, with rocky surface; 4th rate.

Undergrowth, greasewood, sagebrush, shadscale, mountain rush, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

From the cor. secs. 33 and 34, on the S. bdy. of the township, heretofore described.

N. 0°02' W., bet. secs. 33 and 34.

Descend steep rocky NE. slope of rough mountainous land, through dense timber and scattered undergrowth.

40.00

On rocky NE. slope, 230 ft. below 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 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S33 | S34

1937

from which

A juniper, 4 ins. diam., bears S. 89°45' E., 79 lks. dist., marked $\frac{1}{4}$ S34 BT.

A pinon, 10 ins. diam., bears S. 75°15' W., 34 lks. dist., marked $\frac{1}{4}$ S33 BT.

41.70

Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains N. 85° E.; ascend steep rocky SE. slope.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

- 46.20 Spur, 20 ft. above draw, projects E.; descend rocky N. slope.
- 56.30 Draw, 120 ft. below spur, drains N. 70° E.; ascend steep rocky SE. slope.
- 71.10 Spur, 200 ft. above draw, projects S. 85° E.; descend abrupt NE. slope.
- 80.00 On abrupt NE. slope, 80 ft. below spur.

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, cor. secs. 27, 28, 33, and 34, with brass cap marked

T24S	R5E
S28	S27

S33	S34
-----	-----

1937

from which

A pinon, 5 ins. diam., bears N. 61° E., 96 lks. dist., marked T24S R5E S27 BT.

A juniper, 10 ins. diam., bears S. 27°15' E., 216 lks. dist., marked T24S R5E S34 BT.

A pinon, 25 ins. diam., bears S. 61°15' W., 63 lks. dist., marked T24S R5E S33 BT.

A juniper, 3 ins. diam., bears N. 61°45' W., 282 lks. dist., marked BT.

Land, rough and mountainous, with a general northeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, greasewood, shadscale, sagebrush, mountain rush, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 27 and 34.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the N. and S. line, 9 lks. S. of the cor. secs. 26, 27, 34, and 35.

Thence:

S. 89°56' W., on true line, bet. secs. 27 and 34.

Descend gradually over rocky NW. slope of rough mountainous land, through dense timber and scattered undergrowth.

16.30 Draw, 40 ft. below cor., drains N.; ascend gradual NE. slope.

22.50 Small spur, 70 ft. above draw, projects N. 25° W.; descend steep W. slope.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

26.80 Draw, 80 ft. below spur, drains N. 15° E., 3.00 chs. dist., thence N. 70° E.; ascend NE. slope.

40.00 On NE. slope, 300 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

$\frac{1}{4}$ $\frac{S27}{S34}$
1937

from which

A juniper, 7 ins. diam., bears N. 3°15' E., 131 lks. dist., marked $\frac{1}{4}$ S27 BT.

A pinon, 3 ins. diam., bears S. 57°45' E., 85 lks. dist., marked BT.

41.00 Slope changes from a NE. slope to a SE. slope.

50.30 Top of ascent, 60 ft. above the $\frac{1}{4}$ sec. cor., bears N. and slopes S.; descend gradually along S. slope.

57.80 Draw, 80 ft. below top of ascent, drains S. 10° W.; thence ascend along S. slope.

67.80 Rocky spur, 150 ft. above draw, projects N. 35° E.; ascend NE. slope.

80.00 The cor. secs. 27, 28, 33, and 34, 90 ft. above spur.

Land, broken and mountainous, with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, silver leaf; mountain rush, yellow top, greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0°02' W., bet. secs. 27 and 28.

Ascend gradually along rolling NE. slope of broken mountainous land, through scattered timber and undergrowth.

23.90 Spur, 30 ft. above cor., projects NE., 1.00 chs. dist., thence S. 20° E., 3.00 chs. dist. to end; descend abrupt NE. slope.

40.00 On abrupt NE. slope, 90 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

$\frac{1}{4}$
S28 | S27
1937

from which

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

A juniper, 9 ins. diam., bears S. 54°45' E., 122 lks. dist., marked $\frac{1}{4}$ S27 BT.

A pinon, 4 ins. diam., bears N. 53° W., 139 lks. dist., marked $\frac{1}{4}$ S28 BT.

48.70 Draw, 90 ft. below the $\frac{1}{4}$ sec. cor., drains N. 85° E.; ascend abrupt S. slope.

51.40 Clay spur, 50 ft. above draw, projects S. 85° E.; descend gradual NE. slope.

63.10 Small spur, projects S. 85° E.; continue descent.

68.20 Draw, 40 ft. below clay spur, drains S. 80° E.; ascend steep SE. slope.

80.00 On steep SE. slope, 110 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 21, 22, 27, and 28, with brass cap marked

T24S	R5E
S21	S22
S28	S27

1937

from which

A pinon, 7 ins. diam., bears N. 55°45' E., 19 lks. dist., marked T24S R5E S22 BT.

A pinon, 4 ins. diam., bears S. 60°15' E., 178 lks. dist., marked T24S R5E S27 BT.

A juniper, 3 ins. diam., bears S. 40°30' W., 55 lks. dist., marked BT.

A juniper, 6 ins. diam., bears N. 84°45' W., 49 lks. dist., marked T24S R5E S21 BT.

Land, broken and mountainous, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, greasewood, sagebrush, mountain rush, shade-scale, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 89°56' E., on random line, bet. secs. 22 and 27.

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

80.00 Intersect the N. and S. line, 14 lks. S. of the cor. secs. 22, 23, 26, and 27.

Thence:

S. 89°50' W., on true line, bet. secs. 22 and 27.

SUBDIVISION OF A PORTION T. 24 S., R. 5 E.

Chains

181510

Ascend rolling SE. slope of rough mountainous land, through dense timber and scattered undergrowth.

12.40 Spur, 120 ft. above cor., slopes S. 20° E.; descend steep SW. slope.

15.60 Draw, 50 ft. below spur, drains S. 20° E.; ascend gradual SE. slope.

40.00 On gradual SE. slope, 170 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, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S22}{S27}$

1937

from which

A juniper, 9 ins. diam., bears S. 13° 15' W., 52 lks. dist., marked $\frac{1}{4}$ S27 BT.

A juniper, 7 ins. diam., bears N. 84° 15' W., 7 lks. dist., marked $\frac{1}{4}$ S22 BT.

50.30 Spur, 110 ft. above the $\frac{1}{4}$ sec. cor., slopes S.; descend gradually along S. slope.

55.00 The cor. secs. 21, 22, 27, and 28, 40 ft. below spur.

Land, rough and mountainous, with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil; shallow clay, sand, and rock; 3rd rate.

Undergrowth, sagebrush, greasewood, silver leaf, mountain rush, shade tree, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 2° 20' W., on true line, bet. secs. 21 and 22.

Ascend gradual S. and SE. slopes of high broken mountainous land, through dense timber and scattered undergrowth.

7.40 Spur, 200 ft. above cor., projects NE.; descend abrupt rocky NW. slope.

8.00 Enter grassy opening, bears N. 20° W. and S. 30° E.

40.00 In NW. slope, 500 ft. below spur, in grassy opening.

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

$\frac{1}{4}$
S21 | S22

1937

from which

SUBDIVISION OF A PORTION T. 24 S., R. 5 E.

Chains

A juniper, 12 ins. diam., bears S. 82°15' E., 205 lks. dist., marked † S22 BT.

A pinon, 24 ins. diam., bears N. 63° W., 147 lks. dist., marked † S21 BT.

43.20 Leave grassy opening, bears E. and W.

48.40 Draw, 130 ft. below the † sec. cor., drains S. 85° E.; ascend gradual SE. slope.

53.20 Spur, 40 ft. above draw, projects E.; descend steep NE. slope.

59.70 Draw, 50 ft. below spur, drains S. 85° E.; ascend steep SE. slope.

75.60 Ridge, 380 ft. above draw, bears N. 85° E. and S. 85° W.; descend abrupt N. slope.

76.75 Intersect the S. bdy. sec. 15.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 21 and 22, with brass cap marked

T24S R5E
S15

S21	S22
T24S	R5E
0	0

1937

from which

A juniper, 8 ins. diam., bears S. 32°45' E., 36 lks. dist., marked T24S R5E S22 00 BT.

A pinon, 7 ins. diam., bears S. 38° W., 50 lks. dist., marked T24S R5E S21 00 BT.

From this cor., the cor. secs. 15 and 16, heretofore described, bears S. 88°16' W., 5.84 chs. dist.

Land, rough and mountainous, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, gravel, and rock; 4th rate.

Undergrowth, sagebrush, greasewood, shadscale, silver leaf, mountain rush, and weeds.

Timber, juniper and pinon.

Fair grazing land.

From the cor. secs. 32 and 33, on the S. bdy. of the township, heretofore described.

N. 0°03' W., bet. secs. 32 and 33.

Ascend gradual SW. slope of broken mountainous land, through dense timber and scattered undergrowth.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

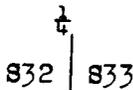
10.00 Ridge, 110 ft. above cor., bears E. and W.; descend gradual NW slope.

23.40 Timber becomes scattered, bears NE. and W.

33.20 Enter S. side of wide grassy swale, bears NE. and SW.

40.00 In wide grassy swale.

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



1937

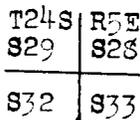
mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a

50.00 Bottom of swale, 130 ft. below ridge, drains NE., about 10 chains dist. to a circular mud flat, about 10 chains in diam.

70.00 Leave grassy swale, bears NE. and SW.; ascend steep SE. slope through scattered timber.

80.00 On SE. slope, 150 ft. above bottom of swale.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to solid rock and in a mound of stone to top, for cor. secs. 28, 29, 32, and 33, with brass cap marked



1937

A pinon, 6 ins. diam., bears N. 78°30' E., 77 lks. from which dist., marked T24S R5E S28 BT.

A pinon, 4 ins. diam., bears S. 15° E., 95 lks. dist., marked T24S R5E S33 BT.

A pinon, 4 ins. diam., bears S. 18° W., 71 lks. dist., marked T24S R5E S32 BT.

A pinon, 6 ins. diam., bears N. 79°15' W., 195 lks. dist., marked T24S R5E S29 BT.

Land, rough and mountainous, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, shadscale, greasewood, mountain rush, bitter brush, and weeds.

Timber, juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 28 and 33.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 27, 28., 33, and 34.
- Thence:
- S. $89^{\circ}57'$ W., on true line, bet. secs. 28 and 33.
- Ascend steep E. slope of rough mountainous land, through scattered timber and undergrowth.
- 3.00 Timber becomes dense, bears N. and S.
- 24.70 Slope changes from an abrupt E. slope to a gradual NE. slope.
- 31.70 Ridge, 510 ft. above cor., bears NW. and S.; descend steep W. slope.
- 38.00 Timber becomes scattered, bears N. and S.
- 39.00 Descent becomes gradual, bears N. and S.
- 39.99 On gradual W. slope, 200 ft. below ridge, at the E. side of wide basin, bears N. and S.

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

$\frac{1}{4}$ $\frac{S28}{S33}$

1937

from which

A pinon, 10 ins. diam., bears N. $36^{\circ}30'$ E., 178 lks. dist., marked $\frac{1}{4}$ S28 BT.

A juniper, 6 ins. diam., bears S. $75^{\circ}30'$ E., 111 lks. dist., marked $\frac{1}{4}$ S33 BT.

- 46.00 Draw in basin, 30 ft. below the $\frac{1}{4}$ sec. cor., drains SW. into a mud flat; ascend gradual SE. slope.
- 69.20 Leave basin and ascend abrupt SE. slope, bears NE. and SW.
- 79.98 The cor. secs. 28, 29, 32, and 33, 170 ft. above draw.

Land, rough and mountainous with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, shadscale, greasewood, silver leaf, mountain rush, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. $0^{\circ}03'$ W., bet. secs. 28 and 29.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

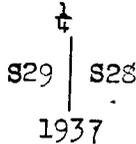
Ascend abrupt SE. slope of rough mountainous land, through scattered timber and undergrowth.

2.40 Ascent becomes gradual, bears NE. and SW.

23.30 Ridge, 180 ft. above cor., bears N. 65° E. and S. 65° W.; descend abrupt N. slope.

40.00 At base of steep N. slope, bears N. 65° E. and S. 65° W., 300 ft. below ridge.

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 pinon, 4 ins. diam., bears S. 22°30' E., 90 lks. dist., marked $\frac{1}{4}$ S28 BT.

A juniper, 5 ins. diam., bears S. 70°15' W., 95 lks. dist., marked $\frac{1}{4}$ S29 BT.

41.00 Leave timber, bears E. and W.

45.00 Bottom of wide draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend gradual SW. slope.

53.50 Enter dense timber, bears NW. and SE.

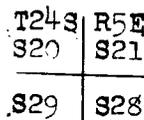
57.50 Spur, 50 ft. above draw, projects N. 30° W.; descend gradual broken NE. slope.

71.20 Slope changes from a gradual NE. slope to an abrupt NW. slope.

75.00 Draw, 210 ft. below spur, drains NE.; ascend steep SE. slope.

80.00 On broken steep SE. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 20, 21, 28, and 29, with brass cap marked



1937

from which

A pinon, 12 ins. diam., bears N. 51° E., 21 lks. dist., marked T24S R5E S21 BT.

A pinon, 6 ins. diam., bears S. 35° E., 36 lks. dist., marked T24S R5E S28 BT.

A pinon, 5 ins. diam., bears S. 71°45' W., 30 lks. dist., marked T24S R5E S29 BT.

A pinon, 10 ins. diam., bears N. 19° W., 10 lks. dist., marked T24S R5E S20 BT.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

Land; rough and mountainous, with a general southeasterly and northwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, sagebrush, shadscale, greasewood, mountain rush, silver leaf, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 89°57' E., on random line, bet. secs. 21 and 28.

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

80.02 Intersect the N. and S. line, 5 lks. N. of the cor. secs. 21, 22, 27, and 28.

Thence:

S. 89°59' W., on true line, bet. secs. 21 and 28.

Ascend abrupt SE. slope of rough mountainous land, through dense timber and scattered undergrowth.

11.20 Spur, 50 ft. above cor., projects N. 65° E.; ascend gradual NE. slope.

25.30 Small spur, 110 ft. above last spur, projects N. 30° E.; descend gradual NW. slope.

31.00 Base of descent, 40 ft. below spur, bears N. and S.; ascend steep NE. slope.

38.40 Spur, 190 ft. above base of descent, projects N. 15° W.; descend gradual W. slope.

40.01 On gradual W. slope, 40 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

S21
 $\frac{1}{4}$ ———
S28

1937

from which

A juniper, 10 ins. diam., bears S. 20°45' W., 21 lks. dist., marked $\frac{1}{4}$ S28 BT.

A pinon, 5 ins. diam., bears N. 33° W., 67 lks. dist., marked $\frac{1}{4}$ S21 BT.

53.20 Draw, 240 ft. below cor., drains N. 10° E.; ascend gradual SE. slope.

55.60 Small draw, drains N. 20° E., about 5.00 chs. dist. to junction with last draw; continue ascent over SE. slope.

80.02 The cor. secs. 20, 21, 28, and 29, 300 ft. above the draw at the 53.20 chs. point.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

Land, rough and mountainous, with a general northerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, gravel, and rock; 4th rate.

Undergrowth, sagebrush, greasewood, shadscale, mountain rush, silver leaf, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0°21' W., on true line, bet. secs. 20 and 21.

Ascend steep broken SE. slope of rough mountainous land, through dense timber and scattered undergrowth.

3.00 Ascent becomes gradual, bears NE. and SW.

9.40 Spur, 100 ft. above cor., projects E.; descend abrupt N. slope.

19.70 Draw, 230 ft. below spur, drains N. 70° E.; ascend gradual SE. slope.

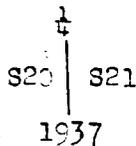
29.50 Spur, 40 ft. above draw, projects E.; descend gradual NE. slope.

32.60 Timber becomes scattered, bears NW. and SE.

39.00 Timber becomes dense, bears NW. and SE.

40.90 In bottom of draw, 80 ft. below spur, drains S. 50° E.

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 pinon, 14 ins. diam., bears S. 70°45' E., 45 lks. dist., marked $\frac{1}{4}$ S21 BT.

A pinon, 4 ins. diam., bears S. 84° W., 13 lks. dist., marked $\frac{1}{4}$ S20 BT.

51.60 Spur, 50 ft. above the $\frac{1}{4}$ sec. cor., projects E.; descend gradual NE. slope.

57.00 Leave timber, bears E. and W.

67.00 Bottom of open narrow basin, 30 ft. below spur, bears N. 20° W., about 10 chains dist., and S. 20° E., about 15 chains dist.; ascend gradual SW. slope.

74.00 Enter dense timber, bears N. 20° W. and S. 20° E.

81.03 Intersect the S. bdy. sec. 16.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 20 and 21, with brass cap marked

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

T24S R5E
S16

S20	S21
T24S	R5E
CC	CC

1937

from which

A pinon, 10 ins. diam., bears S. 33°15' E., 58 lks. dist., marked T24S R5E S21 CC BT.

A pinon, 5 ins. diam., bears S. 47° W., 89 lks. dist., marked T24S R5E S20 CC BT.

From this cor., the cor. secs. 16 and 17, heretofore described, bears N. 35°11' W., 4.87 chs. dist.

Land, rough and mountainous with a general easterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, sagebrush, mountain rush, silver leaf, yellow top, shadscale, greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

From the cor. secs. 31 and 32, on the S. bdy. of the township, heretofore described.

N. 0°03' W., bet. secs. 31 and 32.

Ascend steep SE. slope of rough mountainous land, through dense timber and scattered undergrowth.

3.10 Ascent becomes gradual, bears N. 70° E. and S. 70° W.

7.20 Timber becomes scattered, bears E. and W.

12.00 Ridge, 130 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradually over broken NW. slope.

37.30 Enter the S. side of a wide open swale, bears NW. and SE.

40.00 In bottom of wide open swale, 170 ft. below ridge, drains W.

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

†
S31 | S32
1937

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

62.40 The N. side of wide open swale, bears NW. and SE.; ascend steep SW. slope through dense timber.

76.00 Spur, 230 ft. above the $\frac{1}{4}$ sec. cor., slopes W.; a small peak on spur, bears East, 1.50 chs. dist.; descend steep broken NW. slope.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

30.00 On steep broken NW. slope, 70 ft. below spur.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and in a large round of stone to top, for cor. secs. 29, 30, 31, and 32, with brass cap marked

T248	R5E
S30	S29
S31	S32

1937

from which

A pinon, 4 ins. diam., bears N. 60° E., 47 lks. dist., marked T248 R5E S29 BT.

A pinon, 4 ins. diam., bears S. 52° E., 28 lks. dist., marked T248 R5E S32 BT.

A juniper, 10 ins. diam., bears S. 90°30' W., 58 lks. dist., marked T248 R5E S31 BT.

A juniper, 10 ins. diam., bears N. 12° W., 45 lks. dist., marked T248 R5E S30 BT.

Land, rough and mountainous, with a general westerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay on rock; 4th rate.

Under growth, scrubbrush, shadscale, silver leaf, bitter brush, greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

East, on random line, bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor..

79.96 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 29, 30, 31, and 32.

Thence:

S. 83°50' W., on true line, bet. secs. 29 and 32.

Ascend gradual SE. slope of rough mountainous land, through scattered timber and undergrowth.

13.10 Spur, 60 ft. above cor., slopes S.; descend gradually over broken SW. slope.

33.20 Swale, 150 ft. below spur, drains SE.; ascend gradual E. slope through dense timber.

39.96 On gradual E. slope, 60 ft. above swale.

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

S29
1/4 S32

1937

from which

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

A pinon, 7 ins. diam., bears S. 32° E., 13 lks. dist., marked † S32 BT.

A pinon, 4 ins. diam., bears N. 21°30' W., 36 lks. dist., marked † S29 BT.

41.50 Top of low knoll, 30 ft. above the † sec. cor.; descend steep SW. slope.

54.00 Bottom of narrow basin, 60 ft. below knoll, bears N: 35°W. and S. 35° E.; ascend gradual E. slope through dense timber.

67.80 Ridge, 100 ft. above basin, bears NW. and SE.; descend gradual SW. slope.

74.50 Spur, 50 ft. below ridge, projects SW.; descend steep W. slope.

79.96 The cor. secs. 29, 30, 31, and 32, 100 ft. below spur.

Land, rough and mountainous with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sagebrush, shadscale, silver leaf, bitter brush, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

West, on random line, bet. secs. 30 and 31.

40.00 Set temp. † sec. cor.

66.84 Intersect the W. bdy. of the township; 2 lks. N. of the cor. secs. 29, 30, 31, and 32, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Thence:

N. 39°50' E., on true line, bet. secs. 30 and 31.

Descend gradual E. slope of rough mountainous land, through dense timber and scattered undergrowth.

26.84 On gradual E. slope, 150 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

† S30

S31

1937

from which

A pinon, 6 ins. diam., bears N. 23°45' E., 63 lks. dist., marked † S30 BT.

240

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

A pinon, 14 ins. diam., bears S. 11°15' E., 66 lks. dist., marked $\frac{1}{4}$ S31 BT.

35.80 Enter the W. side of wide open swale, drains SW. and bears N. 20° W. and S. 20° E.

39.00 Graded road, bears N. 25° W. to Utah State Highway No. 10, and S. 25° E. to Fremont, Utah.

55.80 The E. side of wide open swale, bears N. and S. 20° E.; ascend gradual SW. slope through scattered timber.

66.34 The cor. secs. 29, 30, 31, and 32, 190 ft. above bottom of swale.

Land, rough and mountainous with a general easterly and westerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow and deep blue clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, shadscale, mountain rush, silver leaf, greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0°03' W., bet. secs. 29 and 30.

Ascend abrupt SW. slope of rough mountainous land, through dense timber and scattered undergrowth.

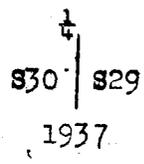
8.30 Spur, 100 ft. above cor., projects N. 35° W.; descend gradual NE. slope.

21.70 Draw, 100 ft. below spur, drains N. 70° W.; ascend gradual SW. slope.

26.40 Timber becomes scattered, bears NW. and SE.

40.00 On gradual SW. slope, 40 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 juniper, 12 ins. diam.; bears S. 42° E., 147 lks. dist., marked $\frac{1}{4}$ S29 BT.

A pinon, 8 ins. diam., bears S. 12°45' W., 225 lks. dist., marked $\frac{1}{4}$ S30 BT.

45.00 Timber becomes dense, bears NW. and SE.

49.80 Low spur, 20 ft. above the $\frac{1}{4}$ sec. cor., projects NW.; descend gradual NW. slope.

55.00 Leave timber, bears SW. and E.

S. R. DIVISION OF A PORTION, T. 24 S., R. 5 E.

69.00 Draw, 50 ft. below spur, drains S. 35° W.; ascend gradual SE. slope.

76.40 Spur, 30 ft. above draw, projects S. 80° E.; descend gradual NW. slope through scattered timber.

86.00 On gradual NW. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 19, 20, 29, and 30, with brass cap marked

T24S	R5E
S19	S20
S30	S29

1937

from which

A pinon, 5 ins. diam., bears N. 50° E., 101 lks. dist., marked T24S R5E S20 BT.

A pinon, 10 ins. diam., bears S. 11°30' E., 172 lks. dist., marked T24S R5E S29 BT.

A pinon, 4 ins. diam., bears S. 22°45' W., 157 lks. dist., marked T24S R5E S30 BT.

A pinon, 5 ins. diam., bears N. 45° W., 57 lks. dist., marked T24S R5E S19 BT.

Land, rough and mountainous, with a general westerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, sagebrush, greasewood, shadscale, mountain rush, silver leaf, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 89°58' E., on random line, bet. secs. 20 and 29.

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

79.92 Fall 14 lks. N. of the cor. secs. 20, 21, 28, and 29.

Thence:

N. 89°56' W., on true line, bet. secs. 20 and 29.

Ascend abrupt SE. slope of rough mountainous land, through scattered timber and undergrowth.

2.00 Ascent becomes gradual, bears N. and S.

21.80 Draw, 50 ft. deep, drains SE.; continue ascent.

22.00 Timber becomes dense, bears N. and S.

28.20 Spur, projects S. 70° E. and bears W. to ridge; thence along top of spur.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

38.00 Ridge; 200 ft. above cor., bears N. and S.; descend gradual SW. slope.

39.96 On gradual SW. slope, 20 ft. below ridge.
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

S20
 $\frac{1}{4}$ ———
S29

1937

from which

A pinon, 6 ins. diam., bears S. 33°30' E., 29 lks. dist., marked $\frac{1}{4}$ S29 BT.

A pinon, 12 ins. diam., bears N. 45°30' W., 72 lks. dist., marked $\frac{1}{4}$ S20 BT.

46.80 Spur, 20 ft. below the $\frac{1}{4}$ sec. cor., projects S. 60° W.; descend gradual NW. slope.

53.50 Timber becomes scattered, bears N. 70° E. and S. 70° W.

58.30 Timber becomes dense, bears N. and S.

75.00 Timber becomes scattered, bears N. and S.

79.92 The cor. secs. 19, 20, 29, and 30, 60 ft. below spur.

Land, rough and mountainous, with a general easterly and westerly exposure and drainage, Sandstone and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, sagebrush, greasewood, shadscale, mountain rush, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 89°59' W., on random line, bet. secs. 19 and 30.

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

66.78 Intersect the W. bdy. of the township, 18 lks. N. of the cor. secs. 19, 24, 25, and 30, which is an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah.

Thence:

N. 89°52' E., on true line, bet. secs. 19 and 30.

Ascend steep NW. slope of high mountainous land, through dense timber and scattered undergrowth.

3.80 Top of ascent, 80 ft. above cor., bears N. 30° E. and S. 30° W.; descend gradual NE. slope.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

Chains

19.10 Graded road, bears N. 35° E. to Utah State Highway No. 10, and S. 35° W. to Fremont, Utah.

21.50 Timber becomes scattered, bears N. and S.; thence ascend gradual NW. slope.

26.78 On gradual NW. slope.

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 $\frac{1}{4}$ sec. cor., with brass cap marked.

S19
 $\frac{1}{4}$ ———
 S30

1937

from which

A pinon, 6 ins. diam., bears S. 37°30' W., 110 lks. dist., marked $\frac{1}{4}$ S30 BT.

A pinon, 4 ins. diam., bears N. 76°15' W., 118 lks. dist., marked $\frac{1}{4}$ S19 BT.

50.30 Spur, 90 ft. above the $\frac{1}{4}$ sec. cor., slopes N. 30° E.; descend gradual SE. slope.

56.30 Timber becomes scattered, bears N. 20° E. and S. 20° W.

61.80 Bottom of narrow basin, 30 ft. below spur, bears N. 20° E. and S. 20° W.; ascend gradual NW. slope.

66.78 The cor. secs. 19, 20, 29, and 30, 30 ft. above basin.

Land, rough and mountainous, with a general northwesterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, sagebrush, mountain rush, silver leaf, yellow top, shadscale, greasewood, bitter brush, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0°21' W., on true line, bet. secs. 19 and 20.

Descend gradual NW. slope of broken mountainous land, through scattered timber and undergrowth.

8.00 Head of draw, 30 ft. below cor., drains W., 5.00 chs. dist., thence NW.; ascend gradual S. slope.

9.00 Timber becomes dense, bears N. 60° W. and S. 60° E.

14.00 Spur, 40 ft. above draw, projects N. 60° W.; descend abrupt N. slope.

18.70 Descent becomes gradual, bears N. 60° E. and S. 60° W.

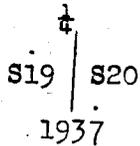
34.50 Low spur, 40 ft. high, projects S. 35° W.; thence descend gradual NW. slope.

40.00 On gradual NW. slope, 150 ft. below the spur at the 14.00 chs. point.

SUBDIVISION OF A PORTION, T. 24 S., R. 5 E.

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



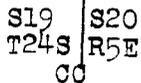
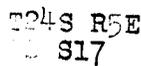
from which

A pinon, 6 ins. diam., bears East, 10 lks. dist., marked $\frac{1}{4}$ S20 BT.

A pinon, 12 ins., diam., bears S. 21° W., 26 lks. dist., marked $\frac{1}{4}$ S19 BT.

- 53.00 Timber becomes scattered, bears N. 70° E. and S. 70° W.
- 57.00 Bottom of wide draw, 90 ft. below the $\frac{1}{4}$ sec. cor., drains S. 60° W.; ascend gradual S. slope.
- 66.00 Timber becomes dense, bears NE. and SW.
- 70:00 Spur; 65 ft. above draw, projects S. 80° E.; descend gradual broken N. slope.
- 72.70 Head of draw; 25 ft. deep, drains N. 80° E.; continue descent.
- 81.72 Intersect the S. bdy. sec. 17.

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 closing cor. secs. 19 and 20, with brass cap marked



1937

from which

A pinon, 12 ins. diam., bears S. 30° E., 49 lks. dist., marked T24S R5E S20 CC BT.

A pinon, 10 ins. diam., bears S. 70° 45' W., 44 lks. dist., marked T24S R5E S19 CC BT.

From this cor., the cor. secs. 17 and 18, heretofore described, bears N. 89° 42' W., 2.30 chs. dist.

Land, rough and mountainous, with a general northwesterly exposure and drainage.

Soil, shallow clay, gravel, and rock, with rocky surface; 4th rate.

Undergrowth, sagebrush, greasewood; shadscale, mountain rush, silver leaf, yellow top, and weeds.

Timber; juniper and pinon.

Fair grazing land.

GENERAL DESCRIPTION, T. 24 S., R. 5 E.

The portion of T. 24 S., R. 5 E., Salt Lake Meridian, Utah, that comes under this survey, consists of the broken foot hills of the east slopes of the Fish Lake Mountains to the west. It is very rough and broken and has a general southeasterly exposure and drainage, and is of a sandstone, shale, and volcanic formation.

The soil consists of a shallow blue and light colored clay, with a rocky surface, lying on sandstone or shale bedrock, and may be classified as 4th rate. The soil has its origin in the material which comes from the distintegration of the sandstone and shale breaks found throughout the surveyed portion of the township. Numerous small basins were found with no outlet drainage, and the soil in these basins is from one to ten feet deep, and consists of a heavy blue and light colored clay with very little humus.

The greater portion of the township that comes under this survey, is covered with a dense growth of scrub juniper and pinon timber, which has no commercial value except for fire wood, and at the time of the survey, numerous trucks were hauling the timber.

The undergrowth consists of a scattered growth of sage and bitter brush, silver leaf, greasewood, shadscale, mountain rush, yellow top, weeds, and grass, which affords fair grazing for stock during the early spring and late fall months of the year.

No permanent water was found on the portion of the township that comes under this survey, and no portion of it is suitable for farming. It is suitable only for a grazing range for stock and was being used for this purpose.

The fractional township is at an elevation of about 5500 feet above sea level and no portion of it is within the boundaries of a National Forest, but the west boundary forms a portion of the east boundary of the Fish Lake National Forest.

The Willow Spring Coal Mine is located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 13, and outcroppings of coal were found on the steep SE. and E. breaks of the shale and sandstone ledges in the SE. portion of the township. From these surface outcroppings, it appears that the greater portion of the township that comes under this survey, is underlain with coal. Except the outcroppings of coal, no other indications of mineral, oil, or oil shale were found.

The only improvements found in the area that comes under this survey, is a graded road which bears in a northerly direction through secs. 19, 30, and 31, to Utah State Highway No. 10, and in a southerly direction to Fremont Utah.

The nearest post office to the township, is at Emery, Utah, which is located in a northeasterly direction, about 20 miles distant.

The nearest water to the portion of the township that comes under this survey, is Willow Spring, which is located near the Willow Spring Coal Mine, and East Chance Creek, which flows in a southeasterly direction through the north portion of T. 29 S., R. 5 E.

No settlers were living on the township at the time of the survey.

The mean magnetic declination was found to be 16°45' E.

BOOK A-521

4-690
(Revised May 1964)

FIELD ASSISTANTS

NAME	CAPACITY
William C. White	Chairman
Joe Atkin	Chairman
Donald B. Stringfellow	Chairman
Loren Bell	Chairman
John B. Van Den Akker	Chairman
Robert Burgess	Flagman
Fred Stevens	Flagman
Jack Buttrey	Flagman
LeRoy Pulliam	Caretaker
Vernon Raymond Maherry	Caretaker
Richard M. Hales	Caretaker
Bernard Langston	A. S.
Richard G. Callaway	A. S.
Max Ford	A. S.
Reed Smith	A. S.

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

Elliot Bird, Surveyor
Edward Eliason, Transitman
We, Molen Roper, Transitman
Kelvin Winwood, Transitman

....., HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 4th day of June 1934
received from the district cadastral engineer for Utah supplemental
instructions dated May 25, 1937 We have surveyed the S. bdy., a portion of the E.
and subdivisional lines, completing the survey of T. 24 S., R. 5 E.,

of the Salt Lake Meridian, in the State of Utah, which are
represented in the foregoing field notes as having been executed by us and under our directions 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.
March 1, 1938

Elliot Bird Surveyor
Edward Eliason Transitman
Molen Roper Transitman
Kelvin Winwood Transitman

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,
Denver, Colorado AUG 14 1941, 19

The foregoing field notes of the survey of the S. boundary, a portion of the E. boundary, and subdivisional lines, completing the survey of T. 24 S., R. 5 E., Salt Lake Meridian, Utah

executed by Elliot Bird, Edward Eliason, Molen Roper, and Kelvin Winwood, under special instructions dated June 11, 1934 supplemental instructions dated May 25, 1937, and assignment, 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.

Wm. H. 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.

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MAR 21 1938

Department Of The Interior
Public Survey Office
Salt Lake City, Utah

BOOK A-521

"D"

FIELD NOTES

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY; AND THE SURVEY
OF THE EAST AND SOUTH BOUNDARIES AND SUBDIVISION, T. 24 S., R. 6 E.,

Of the Salt Lake Meridian,

Utah

In the State of

EXECUTED BY

Elliot Bird, Surveyor

Under special instructions dated June 4, 1934, which provided

for the surveys included under Group No. 259, Utah, bearing the approval of the

Commissioner of the General Land Office under date of June 26, 1934

supplemental and assignment instructions dated May 25, 1937.

Survey commenced September 30, 1937.

Survey completed November 25, 1937.

INDEX DIAGRAM.

Township 24 South, Range 6 East

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1	66		65		52		43		33		23	
	19	64	20	51	21	42	22	33	23	22	24	15
	63		62		51		41		32		22	
	30	61	29	50	28	40	27	31	26	21	25	14
	60		59		49		39		30		20	
	31	58	32	48	33	38	34	29	35	19	36	13
	12		11		10		9		8		7	

T. 24 S., R. 6 E.

Chains

The survey of T. 24 S., R. 6 E., Salt Lake Meridian, Utah, was commenced September 30, 1937, and executed by Elliot Bird, Surveyor, with Buff and Buff transit No. 18003. The instrument is the property of the General Land Office, and was approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in supplemental assignment instructions for the survey of Group 259, Utah, dated May 25, 1937. The instrument is equipped with a Smith solar attachment, and a full vertical circle. The horizontal limb is 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 circle.

The solar attachment was not used on this survey, and all controlling meridians were established by observations made upon Polaris during the progress of the survey. The bearings of the lines of the survey, were deflected from these true meridians by repetition of angles, and carried forward by transit line, taking the mean of double fore and back sights.

The measurements were made with a Lallie steel ribbon tape 5 chains in length, compared 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 large improved clinometers and the slope measurements properly reduced to true horizontal distances.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 24 S., R. 6 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1890.

Random Lines.

From the cor. secs. 13 and 24, on the W. bdy. of the township, hereinafter described, with the instrument in the meridian established by observation on Polaris, June 9, 1937, as shown in the official record of the survey of T. 24 S., R. 5 E., of this group,

North, along the E. bdy. sec. 13, T. 24 S., R. 5 E.

40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 13 and 18.

Continue on same line with continuous measurement.

89.58 Fall 47 lks. E. of the cor. secs, 7, 12, 13, and 18, hereinafter described.

The course of this mile therefore is, N. 0°20' W., and the proportionate distance for each half mile is 40.29 chs.

From the cor. secs, 7, 12, 13, and 18.

North, bet. secs. 7 and 12.

40.25 Fall 34 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 7 and 12, hereinafter described.

The course of this half mile therefore is, N. 0°29' E., and distance is 40.25 chs.

From the $\frac{1}{4}$ sec. cor.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 24 S., R. 6 E.

Chains

North, with new measurement.

40.27 Fall 38 lks. W. of the cor. secs. 1, 6, 7, and 12, hereinafter described.

The course of this half mile therefore is, N. 0°33' E., and the distance is 40.27 chs.

From the cor. secs. 1, 6, 7, and 12.

North, bet. secs. 1 and 6.

39.94 Fall 2.81 chs. W. of the $\frac{1}{4}$ sec. cor. secs. 1 and 6, hereinafter described.

The course of this half mile therefore is, N. 4°01' E., and the distance is 40.04 chs.

From the $\frac{1}{4}$ sec. cor.

North, with new measurement.

66.15 Fall 1.27 chs. E. of the cor. Ts. 23 and 24 S., Rs. 5 and 6 E., hereinafter described.

The course of this half mile therefore is, N. 1°06' W., and the distance is 66.16 chs.

True Lines.

The cor. of secs. 13 and 24, on the E. bdy. of T. 24 S., R. 5 E., is a sandstone, set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E. of this group, and which is North, 2.63 chs. dist. from the witness cor. to the cor. secs. 13 and 24, and also to the closing cor. secs. 18 and 19, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E.,

Thence:

N. 0°20' W., on true line, along the E. bdy. sec. 13.

Over rolling bottom lands of Willow Spring Wash, through scattered undergrowth.

2.24 The closing cor. secs. 18 and 19, subsequently set at this point.

5.80 Road, bears NW. to Utah State Highway No. 10, and SE. to Jeffery's Ranch and an oil well.

11.60 Base of abrupt ascent over ledgy SW. face of high bench land to the N., bears E. and N. 20° W.

40.29 Proportionate point; on ledgy SW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked

$\frac{1}{4}$ S13

1937

deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked X.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 24 S., R. 6 E.

Chains

41.10 Top of vertical sandstone ledge, 40 ft. high, faces S. and bears E. and W.

42.28 Point midway bet. the closing cors. secs. 7 and 18, and secs. 18 and 19.

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 $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked

$\frac{1}{4}$ S18

1937

deposit a sandstone, 12 x 10 x 4 ins., at base of post, marked X.

46.80 Outcropping of coal, bears E. and W.

48.90 Top of S. rim of high bench, 460 ft. above sec. cor., bears W. and S. 60° E.; thence over rolling top of high bench through dense timber,

55.30 Top of N. rim of bench, bears S. 70° E. and S. 70° W.; descend abrupt N. slope.

66.90 Head of draw, 20 ft. deep, drains W.; thence over rolling bench land.

80.58 The cor. originally set for secs. 7, 12, 13, and 18, a trachyte, 18 x 16 x 16 ins., firmly set in the ground, marked 2 notches on N. edge and 4 notches on S. edge. Cor. is witnessed by bearing trees as follows.

A pinon, 10 ins. diam., bears S. 71° W., 31 lks. dist., upon which I find dim scribe marks. I blaze and mark this tree T24S R5E S13 BT.

The bearing tree to the NW. is dead.

At the cor. point; on broken bench land, 180 ft. below rim of bench.

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 post, for cor. secs. 12 and 13, with brass cap marked

T24S	T24S
S12	
<hr/>	
S13	R6E
R5E	S18

1937

I mark an additional bearing tree to cor. as follows.

A juniper, 10 ins. diam., bears N. 54° W., 65 lks. dist., marked T24S R5E S12 BT.

Land, broken and ledgy SW. breaks and top of a high bench. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock, with a rocky surface; 4th rate.

Chains

Undergrowth, short sage and black brush, greasewood; shadescale, yellow top, and weeds.

Timber; scrub juniper and pinon on N. portion of mile.

Poor grazing land.

N. 0°29' E., along the E. bdy. sec. 12.

Over gradual NE. slope of high bench land, through scattered timber and undergrowth.

1.75 The closing cor. secs. 7 and 18, subsequently set at this point.

19.30 Wash, 30 lks. wide, 3 ft. deep, drains NW.

40.25 The $\frac{1}{4}$ sec. cor. originally set for secs. 7 and 12, a trachyte, 24 x 16 x 8 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by one bearing tree as follows.

A pinon, 8 ins. diam., bears S. 80°45' W., 28 lks. dist., marked $\frac{1}{4}$ S BT. I blaze and mark this tree $\frac{1}{4}$ S12 BT.

At the cor. point:

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, with the original cor. monument deposited at the base of post, for $\frac{1}{4}$ sec. cor. sec. 12, with brass cap marked

$\frac{1}{4}$ S12

1937

I mark an additional bearing tree to cor. as follows.

A pinon, 12 ins. diam., bears N. 31°30' W., 95 lks. dist., marked $\frac{1}{4}$ S12 BT.

Thence:

N. 0°33' E.; with continuous measurement.

41.76 Point midway bet. the closing cors. of secs. 6 and 7, and secs. 7 and 18.

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. sec. 7, with brass cap marked

$\frac{1}{4}$ S7

1937

from which

A juniper, 5 ins. diam.; bears N. 81° E., 39 lks. dist., marked $\frac{1}{4}$ S7 BT.

A pinon, 12 ins. diam.; bears S. 46°30' E., 159 lks. dist., marked $\frac{1}{4}$ S7 BT.

49.00 Spur, 75 ft. high, projects N. 60° W.; descend gradually over rolling hills.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 24 S., R. 6 E.

Chains

66.80 Wash, 20 lks. wide, 4 ft. deep, in swale, drains NE.

73.00 Spur, 25 ft. high, projects N. 60° E.

76.50 Draw, 25 ft. deep, drains NE.

80.52 The cor. originally set for secs. 1, 6, 7, and 12, which is a trachyte, 18 x 18 x 12 ins., firmly set, marked 5 notches on S. edge and 1 notch on N. edge. Cor. is witnessed by one bearing tree as follows.

A pinon, 8 ins. diam., bears N. 33°45' W., 17 lks. dist., upon which I find dim scribe marks. I blaze and mark this tree T24S R5E S1 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 post, for cor. secs. 1 and 12, with brass cap marked

T24S	T24S
S1	
S12	R5E
R5E	S7

1937

No other suitable bearing trees available.

Land, broken top of high bench land, with a general north-westerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 40°1' E., along the E. bdy. sec. 1

Over broken bench land, through dense timber and scattered short undergrowth.

- 1.25 The closing cor. of secs. 6 and 7, subsequently set at this point.
- 12.00 Sandstone draw, 40 ft. deep, drains NE.
- 25.50 Top of S. rim of large sandstone draw, bears E. and W.
- 32.00 Bottom of draw, 150 ft. deep, drains E.; ascend abrupt N. breaks of draw.
- 36.00 Top of N. rim of draw, 150 ft. above bottom, bears E. and W.; thence over broken bench land.
- 40.04 The $\frac{1}{4}$ sec. cor. originally set for secs. 1 and 6, a trachyte, 12 x 12 x 12 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

DEPARTMENT RESURVEY PORTION WEST BOUNDARY, T. 23 S., R. 6 E.

Chains

ENTRANCE

At the cor. point: 08.00

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 post, for $\frac{1}{4}$ sec. cor. sec. 1, with brass cap marked

$\frac{1}{4}$ S1

1937

A juniper, 10 ins. diam., bears S. 47° W., 91 lks. dist., marked $\frac{1}{4}$ S1 BT.

A pinon, 8 ins. diam., bears N. 80° W., 87 lks. dist., marked $\frac{1}{4}$ S1 BT.

Thence:

N. 1°06' W., with continuous measurement.

41.35

Point which is a northing of 40.00 chs. from the closing cor. secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 6, with brass cap marked

$\frac{1}{4}$ S6

1937

from which

A pinon, 10 ins. diam., bears N. 49° E., 146 lks. dist., marked $\frac{1}{4}$ S6 BT.

A pinon, 6 ins. diam., bears S. 59°15' E., 77 lks. dist., marked $\frac{1}{4}$ S6 BT.

47.00

Low rise, 10 ft. high, bears E. and W.

66.00

Wash, 15 lks. wide, 5 ft. deep, drains N. 30° W.

81.35

Point which is a northing of 40.00 chs. from the $\frac{1}{4}$ sec. cor. sec. 6.

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 4 and 5, sec. 6, with brass cap marked

$\frac{4}{5}$ S6

1937

deposit a trachyte 18 x 18 x 10 ins., at base of post, marked X.

No bearing trees available.

Thence along bottom lands of wide swale draining northerly.

106.20

The cor. of Ts. 23 and 24 S., Rs. 5 and 6 E., an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 23 S., R. 6 E., of this group.

DEPENDENT RESURVEY PORTION WEST BOUNDARY, T. 24 S., R. 6 E.

Chains

Land, rolling, with a general northerly exposure and drainage. Sandstone and volcanic formation.

Undergrowth, sage and black brush, greasewood, shadscale, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

SOUTH BOUNDARY, T. 24 S., R. 6 E.

From the cor. of T. 24 S., Rs. 5 and 6 E., hereinafter described.

East, on random line along the S. bdy. of T. 24 S., R. 6 E., setting temp. & sec. and sec. cors. at the proper offsets from the tangent to the parallel for T. 24 S., R. 6 E. only, and at:

485.42 At the proper offset from the tangent to the parallel; set temp. cor. of T. 24 S., Rs. 6 and 7 E.

Thence:

October 12, 1937; at the cor. of Ts. 23 and 24 S., Rs. 6 and 7 E., hereinafter described, in approximate latitude $38^{\circ}45'$ N., longitude $111^{\circ}11'$ W., at 8h 49.5m a.m. local mean time, I make an hour angle observation on Polaris west of the meridian, making 4 observations, 2 each with the telescope in direct and reversed positions, reading the horizontal deflection angle from the star, in a counter clockwise direction to a flag pole about 60 chains west of my station.

Watch time of observation (correct 105th Mountain Standard Time.....9h 14.2m a.m.

Mean horizontal deflection angle
flag pole to star..... $38^{\circ}57.6'$

Azimuth of Polaris..... $1^{\circ} 02.4'$ W.

True bearing to flag pole..... West.

I deflect an angle of $90^{\circ}00'$ to the left of the true meridian.

Thence, from the cor. of Ts. 23 and 24 S., Rs. 6 and 7 E.

South, along the E. bdy. of T. 24 S., R. 6 E., and at:

504.47 Fall 35 lks. E. of the temp. cor. Ts. 24 S., Rs. 6 and 7 E.

At the 504.47 chs. point:

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for the cor. T. 24 S., Rs. 6 and 7 E., with brass cap marked

T24S	
R6E	R7E
S36	S31
S6	

T25S R7E
1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

260

SOUTH BOUNDARY, T. 24 S., R. 6 E.

Chains

Thence:

West, along the S. bdy. sec. 36, T. 24 S., R. 6 E.

Over rolling W. slope of bench land, through scattered short undergrowth.

40.00 On rolling bench land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked

± S36

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

70.30 Shallow draw, drains NW.

80.00 On nearly level land.

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. secs. 35 and 36, with brass cap marked

T248 R6E
S35 S36

T258 R6E
S1

1937

sandstone, 9 x 8 x 6 ins., at base of post, marked X. deposit a

Land, rolling, with a general southwesterly and northwesterly exposure and drainage. Sandstone formation.

Soil, shallow loose sand and clay; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

No timber.

Fair grazing land.

West, along the S. bdy. sec. 35.

Over rolling bench land through very scattered short undergrowth.

7.80 Shallow draw, drains NW. from S. 10° E.

22.80 Base of abrupt ascent over sandstone rim, bears NE. and SW.

27.50 Top of sandstone rim, 120 ft. high, bears NE. and SW.; thence over rolling bench land.

40.00 On rolling W. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 35, with brass cap marked

SOUTH BOUNDARY, T. 24 S., R. 6 E.

Chains

braces : 1/4 S35

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

54.30 Shallow draw, drains N. 5.00 chains dist., thence NE.

76.70 Shallow draw, drains N.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 34 and 35, with brass cap marked

T24S R6E
S34 S35

T25S R6E

S2

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, rolling, with a general northerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, yellow top and weeds.

No timber.

Poor grazing land.

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

Over broken bench land, through scattered short undergrowth.

12.90 Red clay spur, 50 ft. above cor., projects N. 20° W.; descend broken NW. slope.

24.80 Draw, 70 ft. below spur, drains S. 10° E.; ascend broken SE. slope.

40.00 On broken SE. slope, 60 ft. above draw.

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. sec. 34, with brass cap marked

1/4 S34

1937

deposit a sandstone, 12x10x8 ins., at base of post, marked X.

42.20 The S. point of an elongated knoll, 30 ft. above the 1/4 sec. cor.; descend abrupt W. slope.

SOUTH BOUNDARY, T. 24 S., R. 6 E.

- Chains and sd 0
- 48.00 Draw, 100 ft. below S. point of knoll, drains N.; ascend gradual E. slope.
 - 52.80 Spur, 90 ft. above draw, projects NE.; descend gradual NW. slope.
 - 77.30 Draw, 70 ft. below spur, drains NE.; ascend gradual SE. slope.
 - 80.00 On gradual SE. slope, 40 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diameter, 10 ins. in the ground to solid rock, and in a large mound of stone to top, for cor. of secs. 33 and 34, with brass cap marked

T24S	R6E
S33	S34

 T25S R6E
 S3
 1937

Deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked X.

Land, broken shale and sandstone breaks with a general northerly exposure and drainage; sandstone and shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale and weeds.

No timber.

Poor grazing land.

West, along the S. bdy. sec. 33

Ascend gradual SE. slope of broken clay hills, through very scattered undergrowth.

- 10.40 The SE. point of spur, 40 ft. above cor.
- 24.40 Clay spur, 30 ft. high, projects NE.; descend gradual NW. slope.
- 32.30 Head of draw, 40 ft. below spur, drains N. 20° E.; ascend abrupt SE. slope.
- 36.80 Spur, 110 ft. above head of draw, projects N.; descend broken W. slope.
- 40.00 On broken W. slope, 110 ft. below spur.

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 $\frac{1}{4}$ sec. cor. of sec. 33, with brass cap marked

$\frac{1}{4}$ S33
 1937

Deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked X.

SOUTH BOUNDARY, T. 24 S., R. 6 E.

Chains

- 43.30 Draw, 30 ft. below cor., drains N. 15° E. from the W.; thence along bottom of draw.
- 48.80 Leave bottom of draw; drains E. from the S.; ascend abrupt E. slope.
- 53.30 Spur, 80 ft. above draw, projects SE.; descend abrupt SW. slope.
- 59.30 Draw, 60 ft. below spur, drains S. 60° E.; ascend gradual NE. slope.
- 77.80 Draw, 35 ft. deep, drains N.; continue ascent over NE. slope.
- 80.00 On gradual NE. slope, 100 ft. above the draw at the 53.30 chs. point.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. secs. 32 and 33, with brass cap marked

T24S	R6E
S32	S33

T25S R6E
S4

1937

raise a

mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, broken clay hills with a general northerly exposure and drainage. Sandstone and blue shale formation.

Soil, shallow blue clay, with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, shadscale, and weeds.

No timber.

Poor grazing land.

West, along the S. bdy. sec. 32. *ntwotg*

Ascend gradual NE. slope of broken blue clay hills, through very scattered short undergrowth.

- 13.00 Spur, 100 ft. above cor., projects S. 60° E.; descend gradual SW. slope.
- 24.30 Head of draw, 60 ft. below spur, drains S. 50° E.; ascend gradual SE. slope.
- 33.60 Top of ascent, 140 ft. above head of draw, slopes S. and bears N.; descend gradually along broken S. slope.
- 40.00 On broken S. slope, 30 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. sec. 32, with brass cap marked

$\frac{1}{4}$ S32

1937

raise a

mound of stone, 3 ft. base, 2 ft. high, N. of cor.

SOUTH BOUNDARY, T. 24 S., R. 6 E.

Chains

601280

- 45.00 Ridge, 10 ft. above the $\frac{1}{4}$ sec. cor., bears N. 15° E. and SW.; descend gradual NW. slope.
- 53.40 Wash, 30 lks. wide, 10 ft. deep, drains N. 55° W.; continue descent.
- 61.60 Draw, 90 ft. below ridge, drains NW.; ascend gradual NE. slope.
- 67.60 Spur, 20 ft. above draw, projects N. 30° W.; descend gradual W. slope.
- 74.40 Base of descent, bears NE. and SW.; thence over blue clay flat.
- 80.00 On blue clay flat, 40 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 31 and 32, with brass cap marked

T24S	R6E
S31	S32

T25S R6E
85

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, broken blue clay hills with a general northwesterly and southeasterly exposure and drainage. Sandstone and blue shale formation.

Soil, shallow blue clay and shale; 4th rate.

Undergrowth, short shadscale and weeds.

No timber.

Poor grazing land.

West, along the S. bdy. sec. 31

Over blue clay flat, through very scattered short undergrowth

14.00 Wash, 20 lks. wide, 15 ft. deep, drains N. 25° E.

22.00 Large main wash, 100 lks. wide, 20 ft. deep, drains N. 65° E.

40.00 On nearly level blue clay flat.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked

$\frac{1}{4}$ S31

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

71.00 Top of small rise, 20 ft. high, bears N. 60° W. and S. 60° E.

80.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the

SOUTH BOUNDARY, T. 24 S., R. 6 E.

Chains

ground, for the cor. of lots 7 and 8, sec. 31, with brass cap marked

S31
7 | 8

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

85.77 The cor. of T. 24 S., Rs. 5 and 6 E., an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

Land, nearly level blue clay flat.

Soil, deep blue clay; 4th rate.

Undergrowth, short shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

EAST BOUNDARY, T. 24 S., R. 6 E.

From the cor. of T. 24 S., Rs. 6 and 7 E., heretofore described.

North, bet. secs. 31 and 36.

Ascend gradually along rolling W. slope of broken land, through scattered short undergrowth.

24.00 Top of ascent on W. slope, 50 ft. above cor., slopes W. and bears E.; descend gradually along general W. slope.

40.00 On general W. 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

$\frac{1}{4}$
S36 | S31

1937

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

78.40 Top of vertical SE. rim of deep gulch, 100 ft. high, bears NE. and SW.; descend abrupt ledgy NW. slope.

80.00 On steep ledgy NW. slope, 150 ft. below top of rim.

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

EAST BOUNDARY, T. 24 S., R. 6 E.

Chains

1937

T24S	
R6E	R7E
S25	S30
S36	S31

1937

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

Land, rolling, with a general westerly exposure and drainage. Sandstone formation.

Soil, shallow loose sand with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, mountain rush, shadscale, and weeds.

No timber.

Fair grazing land.

North, bet. secs. 25 and 30.

Descend abrupt NW. slope of broken land, through scattered short undergrowth.

3.70 Bottom of deep rocky gulch, 40 ft. below cor., drains E., 5.00 chs. dist., thence N. 20° E.; ascend steep broken SE. slope.

25.70 Top of high butte rimmed with a vertical sandstone ledge to the E. and S., 210 ft. above gulch; descend abrupt broken NE. slope.

33.00 Descent becomes gradual, bears E. and W.

40.00 On gradual general NE. slope, 100 ft. below top of butte.

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

S25	S30
-----	-----

1937

deposit a sandstone, 12 x 10 x 6 ins., at base of post, marked X.

45.00 Enter bottom lands of wide draw, bears NW. and SE.

58.20 Wash, 15 lks. wide, 5 ft. deep, in draw, 60 ft. below the $\frac{1}{4}$ sec. cor., drains E.; continue over bottom lands of draw.

62.00 Leave bottom lands of draw and ascend gradual SE. slope, bears NE. and SW.

80.00 On gradual SE. slope of surface rock, 40 ft. above draw, 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. secs. 19, 24, 25, and 30, with brass cap marked

EAST BOUNDARY, T. 24 S., R. 6 E.

Chains

T24S	
R6E	R7E
S24	S19

S25	S30

1937

Land, broken, with a general southeasterly and northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow loose sand with a rocky surface; 4th rate.

Undergrowth, sage and black brush, mountain rush, shadscale, and weeds.

No timber.

Fair grazing land.

North, bet. secs. 19 and 24.

Over general E. slope of broken land, through scattered short undergrowth.

5.50 Draw, 40 ft. deep, drains N. 40° E.

8.50 Sandstone spur, 50 ft. high, projects E., 2.00 chs. dist. to end; thence over nearly level red clay and shale flat.

40.00 On nearly level red clay and shale flat.

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

↑	
S24	S19

1937

deposit a sandstone, 12 x 12 x 10 ins., at base of post, marked X.

54.90 Top of red shale spur, 120 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend broken NW. slope.

68.20 Draw, 50 ft. deep, drains E., and heads W., 3.00 chs. dist.

72.00 Red shale spur, 75 ft. high, projects NE.; descend broken NW. slope.

80.00 On broken NW. slope, 50 ft. below spur

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 13, 18, 19, and 24, with brass cap marked

T24S	
R6E	R7E
S13	S18

S24	S19

1937

deposit a

EAST BOUNDARY, T. 24 S., R. 6 E.

Chains

sandstone, 13 x 10 x 8 ins., at base of post, marked X.

Land, broken red shale breaks with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow red clay and sand, with a rocky surface; 4th rate.

Undergrowth, short mountain rush, sage and black brush, shadscale, and weeds.

No timber.

Poor grazing land.

North, bet. secs. 13 and 18.

Descend gradually over broken NW. slope of shale breaks through scattered short undergrowth.

4.00 Bend in large main draw, 40 ft. below cor., drains N. 20° W. from S. 20° W.; ascend broken SW. slope.

16.00 Top of red shale butte, 40 ft. high; descend broken N. slope.

20.50 Large main draw, 70 ft. below butte, drains NE.; continue descent.

24.50 Recross draw, 80 ft. below butte, drains NW.; ascend gradually along W. slope.

30.00 Spur, 40 ft. above draw, slopes W.; descend gradual NW. slope.

39.00 Bottom of Willow Spring Wash, 50 ft. below spur, 1.50 chs. wide, 10 ft. deep, drains S. 60° E.; small seeps of alkali water along bottom of wash.

40.00 On NE. bank of wash, bears N. 60° W. and S. 60° E.

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 | S18

1937

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

43.00 Recross Willow Spring Wash, drains SW.

63.50 Gravelly spur, 90 ft. high, projects E.; descend steep N. slope.

71.00 Recross Willow Spring Wash, drains E.; thence over rolling bench land.

80.00 On rolling bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 7, 12, 13, and 18, with brass cap marked

EAST BOUNDARY, T. 24 S., R. 6 E.

Chains

T24S	
R6E	R7E
S12	S7
S13	S18

1937

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

Land, rolling and broken, with a general northerly and southerly exposure and drainage. Sandstone and shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, mountain rush, shadscale, yellow top, and weeds.

No timber.

Poor grazing land.

North, bet. secs. 7 and 12.

Over rolling land, through scattered short undergrowth.

9.50 Dim road, bears NW. and SE.

13.20 Shallow draw, 10 ft. deep, drains S. 20° E.

20.50 Recross draw, drains S. 20° W.

26.20 Recross draw, drains SE.

33.20 Recross draw, drains SW.

40.00 On rolling shale flat.

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

S12	S7

1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

80.00 On broken 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. secs. 1, 6, 7, and 12, with brass cap marked

T24S	
R6E	R7E
S1	S6
S12	S7

1937

deposit a sandstone, 12 x 12 x 10 ins., at base of post, marked X.

EAST BOUNDARY, T. 24 S., R. 6 E.

Chains

01234567890

Land, rolling. Sandstone and red shale formation.

Soil, shallow loose sand and clay; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, mountain rush, yellow top, and weeds.

No timber.

Poor grazing land.

North, bet. secs. 1 and 6.

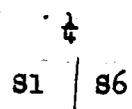
Over rolling and broken land, through scattered short undergrowth.

20.00 The S. fork of a rocky gulch, 40 ft. deep, drains NE., and heads SW., 4.00 chs. dist.

24.00 The N. fork of rocky gulch, 40 ft. deep, drains E., 7.00 chs. dist. to junction with last gulch, and heads W., 4.00 chs. dist.

40.00 In bottom of small wash, 10 lks. wide, 2 ft. deep, drains NE., and heads S. 60° W., 3.00 chs. dist.

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



1937

deposit a sandstone, 10 x 10 x 10 ins., at base of post, marked X.

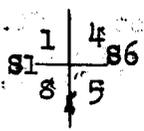
42.00 Base of abrupt ascent over steep nearly inaccessible SE. face of red and pink clay and shale knoll, bears NE. and SW.

43.50 Top of ascent on E. slope of knoll, 220 ft. above the 1/4 sec. cor., slopes E., and bears W., 1.50 chs. dist. to top of knoll; descend gradually.

77.50 Draw, 40 ft. deep, drains NW.

80.00 On E. side of draw, 120 ft. below top of knoll.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 1 and 8, sec. 1, and lots 4 and 5, sec. 6, with brass cap marked



1937

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

83.50 Recross draw, drains NE.

88.90 Recross draw, drains SW., 2.00 chs. dist., thence NW.

EAST BOUNDARY, T. 24 S., R. 6 E.

Chains

- 93.80 Bend in same draw, drains NW. from the SW.
- 100.30 Draw, 40 ft. deep, drains W., 2.00 chs. dist. to junction with last draw.
- 104.47 The cor. of Ts. 23 and 24 S., Rs. 6 and 7 E., an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 23 S., R. 6 E. of this group.
- Land, broken, with a general easterly and northerly exposure and drainage. Sandstone and shale formation.
- Soil, shallow sand and clay, with a rocky surface; 4th rate.
- Undergrowth, short sage and black brush, mountain rush, shadscale, greasewood, yellow top, and weeds.
- No timber.
- Poor grazing land.

SUBDIVISION OF T. 24 S., R. 6 E.

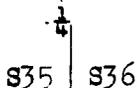
From the cor. of secs. 35 and 36, on the S. bdy. of the township, heretofore described.

N. 0°01' W., bet. secs. 35 and 36.

Over broken clay hills, through scattered short undergrowth.

- 18.00 Shallow wash, drains N. 10° E., 3.00 chs. dist. to junction with next wash.
- 22.50 Wash, 1.50 chs. wide, 2 ft. deep, drains NW.
- 35.00 Low rise, 40 ft. high, bears E. and W.
- 40.00 On broken 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



1937

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

- 58.90 Junction of two large main washes, 130 lks. wide, 6 ft. deep, drains S. 30° E. from the NW. and SW.; ascend gradually over rolling and broken hills.
- 70.00 Top of ascent on E. slope of clay hill, 60 ft. high, bears W. and slopes E.
- 80.00 On general SE. slope.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 25, 26, 35, and 36, with brass cap marked

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

T24S	R6E
S26	S25
S35	S36

1937

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling and broken, with a general easterly exposure and drainage. Sandstone and shale formation.
 Soil, shallow clay and sand, with a rocky surface; 4th rate.
 Undergrowth, short shadscale, sage and black brush, greasewood, and weeds.
 No timber.
 Poor grazing land.

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

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

79.98 Intersect the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township, heretofore described.

Thence:

West, on true line, bet. secs. 25 and 36.

Descend gradually along abrupt NW. slope of breaks of gulch through scattered short undergrowth.

12.10 Bottom of gulch, 20 ft. below cor., drains N., about 8.00 chs. dist., thence easterly; ascend steep SE. slope.

19.30 Top of NW. breaks of gulch and top of sandstone rim, 120 ft. above bottom, bears NE. and SW.; thence over rolling SE. slope.

39.99 On rolling SE. slope, 20 ft. above rim of gulch.

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

$\frac{1}{4}$	S25
	S36

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

51.90 Low rise, 30 ft. above the $\frac{1}{4}$ sec. cor., slopes S. 30° E. and bears N. 30° W.; thence over rolling bench land.

60.00 Shallow draw, 50 ft. below top of ascent, drains SE.

79.98 The cor of secs. 25, 26, 35, and 36.

Land, rolling and broken, with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Undergrowth, short sage and black brush, greasewood, yellow top, and weeds.

No timber.

Fair grazing land.

N. 0°01' W., bet. secs. 25 and 26.

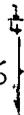
Ascend gradual S. slope of rolling land, through scattered short undergrowth.

22.00 Base of an abrupt ascent over shale and sandstone spur, bears E. and W.

34.50 Top of sandstone and shale spur, 375 ft. above sec. cor., projects SE.; descend steep NE. slope.

40.00 On steep NE. slope, 320 ft. below top of spur.

Set an iron post, 3 ft. long, 1 in. diam., 17 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



S26 | S25

1937

deposit a

sandstone, 10 x 9 x 9 ins., at base of post, marked X.

47.00 Descent becomes gradual, bears N. 60° W. and S. 60° E.

61.00 Wash, 10 lks. wide, 3 ft. deep, drains NE.; continue descent.

68.50 Bottom of large main draw, 130 ft. below the $\frac{1}{4}$ sec. cor., drains E.

77.00 Base of abrupt ascent over steep SE. face of shale breaks, bears E. and W.

80.00 At top of irregular shale breaks, 90 ft. above draw, bears E. and W.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 23, 24, 25, and 26, with brass cap marked

T24S	R6E
S23	S24
S26	S25

1937

raise a

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

Land, rolling and broken, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, shadscale, and weeds.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

501925

No timber.
Poor grazing land.
Y

East, on random line, bet. secs. 24 and 25.

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

80.00 Intersect the E. bdy. of the township, 9 lks. S. of the cor. secs. 19, 24, 25, and 30, heretofore described.

Thence:

S. 89°56' W., on true line, bet. secs. 24 and 25.

Over rolling land, along the S. side of large main draw, through scattered short undergrowth.

18.00 Bend in large main shallow draw, drains NE. from N. 80° W.; continue along S. side of draw.

37.10 Bottom of large main draw, drains NE.

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

$\frac{1}{4}$ $\frac{S24}{S25}$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

47.00 Enter broken shale breaks, bears NE. and SW.

59.50 Red shale spur, 70 ft. high, projects S. 30° E.

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

Land, broken and rolling, with a general southeasterly and easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, mountain rush, yellow top, and weeds.

No timber.

Fair grazing land.

N. 0°01' W., bet. secs. 23 and 24.

Ascend abrupt SE. breaks of high shale knoll, through scattered short undergrowth.

11.40 Top of ascent on E. slope of high shale knoll on ridge, 380 ft. above cor., slopes E. and bears W., 1.50 chs. dist. to top of knoll; descend abrupt E. slope.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

26.00 Base of abrupt descent, 360 ft. below top of ridge, bears E. and W.; thence over rolling clay hills.

40.00 On rolling land.

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 $\frac{1}{4}$ sec. cor. with brass cap marked

$\frac{1}{4}$
S23|S24
1937

deposit a sandstone, 12 x 12 x 6 ins., at base of post, marked X.

59.00 Large draw, 40 ft. deep, drains NE.

73.00 Large draw, 20 ft. deep, drains E.; ascend gradual S. slope.

80.00 On gradual S. slope, 60 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap marked

T24S R6E
S14|S13
S23|S24
1937

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

Land, broken and rolling, with a general northeasterly and southeasterly exposure and drainage; sandstone, shale, and volcanic formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, short shadscale and weeds.

No timber.

Poor grazing land.

N.89°56'E., on random line, bet. secs. 13 and 24.

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

80.00 Intersect the cor. secs. 13, 18, 19, and 24, on the E. bdy. of the township, heretofore described.

Thence

S.89°56'W., on true line, bet. secs. 13 and 24

Over broken blue clay hills, through scattered short undergrowth.

4.50 Large main draw, 50 ft. below cor., drains NE.

14.00 Recross draw, drains SE.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

00.00

- 25.50 Recross draw, drains NE.
- 34.00 Bend, in same draw, drains S. 80° E. from S. 80° W.
- 40.00 On broken land.

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 ¼ sec. cor., with brass cap marked

S13
 ¼ —————
 S24
 1937

deposit a

trachyte, 10 x 10 x 10 ins., at base of post, marked X.

- 75.00 Large draw, 75 ft. deep, drains S. 30° E.
- 80.00 The cor. of secs. 13, 14, 23, and 24.

Land, broken, with a general easterly exposure and drainage; sandstone, shale and volcanic formation.

Soil, shallow clay, with a rocky surface; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing.

N.0°01' W., bet. secs. 13 and 14.

Ascend gradual S. slope of broken clay hills, through scattered short undergrowth.

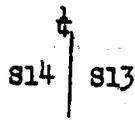
- 0.80 Spur, 10 ft. above cor., projects S. 70° E., about 5.00 chs. dist. to end; descend abrupt NE. slope.
- 4.10 Large draw, 70 ft. below spur, drains SE.; ascend steep rocky S. slope.
- 12.30 Top of S. rim of bench, 80 ft. above draw, bears NW. and SE.; thence over top of bench.
- 32.50 Top of N. rim of bench, bears E. and W.; descend steep N. slope.
- 36.90 Draw, 100 ft. below rim of bench, drains E. 6.00 chs. dist., thence NE.; ascend S. slope of clay hills.
- 40.00 On S. slope, 80 ft. above draw, mark a cross (X) on the surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone to top, for ¼ sec. cor., with brass cap marked

00.00

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains



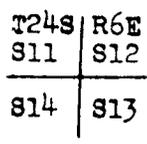
1937

44.00 Clay spur, 30 ft. above the $\frac{1}{4}$ sec. cor., projects SE.; descend N. slope.

73.50 Wash, 20 lks. wide, 4 ft. deep, drains N. 30° W.

80.00 On rolling land, 50 ft. below spur.

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. secs. 11, 12, 13, and 14, with brass cap marked



1937

deposit a trachyte, 12 x 10 x 10 ins., at base of post, marked X.

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

N. 89°56' E., on random line, bet. secs. 12 and 13.

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

79.96 Intersect the E. bdy. of the township, 3 lks. S. of the cor. secs. 7, 12, 13, and 13, heretofore described.

Thence:

S. 89°55' W., on true line, bet. secs. 12 and 13.

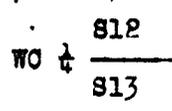
Over rolling land, through scattered short undergrowth.

11.60 Willow Spring Wash, 2.00 chs. wide, 10 ft. deep, drains S. 30° E.

17.10 Recross wash, drains NE.

35.00 Recross wash, drains SE.

36.23 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. 12 and 13, with brass cap marked



1937

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

surface

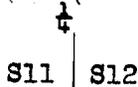
- 38.00 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 - 38.00 Enter bottom of Willow Spring Wash, drains N. 80° E. from the W.; thence along bottom of wash.
 - 39.98 True point for the $\frac{1}{4}$ sec. cor. falls in bottom of wash, where it is impracticable to set a permanent cor.
 - 46.00 Leave bottom of wash, drains E. from the NW.; thence along broken S. breaks of wash.
 - 70.80 Clay spur, 75. ft. high, projects S. 30° E., about 8.00 chs. dist. to end.
 - 79.96 The cor. secs. 11, 12, 13, and 14.
- Land, broken clay and shale hills, with a general easterly exposure and drainage. Blue shale formation.
- Soil, deep and shallow blue clay; 4th rate.
- Undergrowth, greasewood, shadscale, and weeds.
- No timber.
- Poor grazing land.

N. 0°01' W., bet. secs. 11 and 12.

Over broken blue shale and clay hills, through scattered short undergrowth.

- 12.30 Willow Spring Wash, channel 1.50 chs. wide, 10 ft. deep, drains S. 80° E.
- 31.60 Wash, 15 lks. wide, 3 ft. deep, drains NE., 3.00 chs. dist., thence SE.
- 37.50 Low rise, bears E. and W.
- 40.00 On gradual N. slope.

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



1937

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

- 54.50 Wash, 10 lks. wide, 2 ft. deep, drains E.
- 59.50 Spur, 60 ft. high, projects E.
- 71.10 Draw, 20 ft. deep, drains SE.; ascend gradual S. slope.
- 80.00 On gradual S. slope, 20 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 1, 2, 11, and 12, with brass cap marked

SUBDIVISION OF, T. 24 S., R. 6 E.

CHAINS

T24S	R6E
S2	S1
S11	S12

1937

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling and broken, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.
 Soil, shallow and deep blue clay, with a rocky surface; 4th rate.
 Undergrowth, shadscale, greasewood, and weeds.
 No timber.
 Poor grazing land.

N. 89°55' E., on random line, bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect the E. bdy. of the township, 3 lks. N. of the cor. secs. 1, 6, 7, and 12, heretofore described.

Thence:

S. 89°56' W., on true line, bet. secs. 1 and 12.

Over broken bench land, through scattered short undergrowth.

7.50 Base of abrupt ascent over NE. slope, bears NW. and SE.
 13.50 Spur, 110 ft. above cor., projects S. 60° E.; thence over broken land.
 28.20 Low spur, 30 ft. high, projects S. 20° W.
 37.50 Draw, 40 ft. deep, drains S. 20° W.
 39.94 On broken SE. slope.

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

S1
$\frac{1}{4}$
S12

1937

deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked X.

43.40 Small spur, 50 ft. high, projects S. 20° W.
 52.00 Sandstone rim, 40 ft. high, faces SE. and bears NE. and SW.
 75.30 Dim road, bears NW. and SE.
 79.88 The cor. secs. 1, 2, 11, and 12.

SUBDIVISION OF, T. 24 S., R. 16 E.

Chains

Land, broken and rolling, with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow sand and clay; 4th rate.

Undergrowth, greasewood, shadscale, and weeds.

No timber.

Poor grazing land.

N. 0°01' W., on random line, bet. secs. 1 and 2.

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

80.00 Set temp. lot cor.

104.55 Intersect the N. bdy. of the township, 15 lks. E. of the cor. 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. 23 S., R. 6 E., of this group.

Thence:

S. 0°06' E., on true line, bet. secs. 1 and 2.

Ascend gradual NE. slope of broken bench land, through scattered short undergrowth.

10.10 Draw, 40 ft. deep, drains SW.

12.30 Draw, 40 ft. deep, drains S. 20° E.

20.00 Small spur, 70 ft. above cor., slopes E.; descend gradual SE. slope.

23.00 Draw, 60 ft. below spur, drains NE.; ascend steep NE. slope.

24.55 On steep NE. slope.

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 cor. lots 4 and 5 sec. 1, and lots 1 and 8, sec. 2, with brass cap marked

1	4
S2	S1
8	5

1937

deposit a sandstone, 18 x 12 x 10 ins., at base of post, marked X.

34.20 Top of NE. rim of bench, 70 ft. above draw, bears NW. and SE.; thence over top of bench.

49.80 Top of SW. rim of bench, bears NW. and SE.; descend steep SW. slope.

53.30 Head of draw, 60 ft. below rim of bench, drains SW.; ascend steep NW. slope.

59.30 Spur, 80 ft. above head of draw, projects South from N. 20° E.; thence along top of spur.

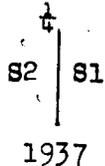
SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

63.00 Leave top of spur, bears N. and projects SW., about 5.00 chs. dist. to end; descend steep SE. slope.

64.55 On steep SE. slope, 140 ft. below 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 $\frac{1}{4}$ sec. cor., with brass cap marked



deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

70.50 Draw, 70 ft. below the $\frac{1}{4}$ sec. cor., drains W.; thence over rolling land.

93.50 Draw, 20 ft. deep, drains W.

97.70 Dim road, bears NW. and SE.

104.55 The cor. secs. 1, 2, 11, and 12.

Land, rolling and broken, with a general southerly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sage and black brush, greasewood, shadscale, and weeds.

No timber.

Poor grazing land.

From the cor. secs. 34 and 35, on the S. bdy. of the township, heretofore described.

N. 0°01' W., bet. secs. 34 and 35.

Over rolling and broken land, through scattered short undergrowth.

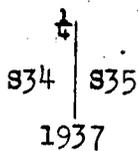
27.50 Large draw, drains E., 3.00 chs. dist., thence S. 30° E.; continue over rolling land.

31.40 Spur, 70 ft. above draw, projects NE., about 6.00 chs. dist. to end; descend broken NW. slope.

39.00 Large main wash, 50 lks. wide, 4 ft. deep, in draw, 70 ft. below spur, drains E.

40.00 On N. side of wash.

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

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Thence ascend abrupt broken SW. slope.

66.20 Top of knoll on spur, 370 ft. above the $\frac{1}{4}$ sec. cor., projects S. 80° E.; thence ascend along steep E. slope.

75.50 Spur, 140 ft. above knoll, projects E.; descend steep N. slope.

80.00 On steep N. slope, 250 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 26, 27, 34, and 35, with brass cap marked

T24S	R6E
S27	S26

S34	S35
-----	-----

1937

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

Land, broken, with a general easterly exposure and drainage Sandstone, shale, and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 26 and 35.

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

80.00 Intersect the cor. secs. 25, 26, 35, and 36.

Thence:

West, on true line, bet. secs. 26 and 35.

Over rolling clay hills, through scattered short undergrowth.

3.60 Top of low rise, 15 ft. high, bears N. 2.00 chs. to end, and S. 2.00 chs. to end.

20.00 Large main wash, 120 lks. wide, 3 ft. deep, drains SE.

29.50 Recross wash, drains NE., 4.00 chs. dist. to bend, thence SE.

38.00 Recross wash, drains S., 3.00 chs. dist., thence NE.

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

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

1/4 S26
S35

1937

deposit a sandstone, 9 x 9 x 8 ins., at base of post, marked X.

47.50 Base of ascent over broken NE. slope of blue clay hills and breaks, bears N. 20° W. and S. 20° E.

80.00 The cor. secs. 26, 27, 34, and 35, 280 ft. above the 1/4 sec. cor.

Land, rolling and broken, with a general easterly and northeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil; shallow clay, sand, and rock; 4th rate.

Undergrowth, short sagebrush, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

N. 0°01' W., bet. secs. 26 and 27.

Descend abrupt rocky NE. slope of broken land, through scattered short undergrowth.

19.00 Draw, 340 ft. below cor., drains E.; ascend steep broken SE. slope.

24.80 Spur, 100 ft. above draw, projects S. 20° W.; descend steep NW. slope.

29.80 Draw, 80 ft. below spur, drains SW.; ascend steep SE. slope.

40.00 On broken SE. slope, 130 ft. above draw.

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 S27 | S26

1937

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

76.00 Enter flat top of high mesa, 290 ft. above the 1/4 sec. cor., bears E. and W.

80.00 On flat top of high mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 22, 23, 26, and 27, with brass cap marked

T24S | R6E
S22 | S23
S27 | S26

1937

raise a

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

marked

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

Land, broken breaks of high mesa with a general south-easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 23 and 26.

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

80.02 Intersect the cor. secs. 23, 24, 25, and 26.

Thence:

West, on true line, bet. secs. 23 and 26.

Over rolling land, through scattered short undergrowth.

38.00 Low spur, 30 ft. high, projects SW., 3.00 chs. dist. to end.

40.01 On rolling land.

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 $\frac{1}{4}$ sec. cor., with brass cap marked

s23

$\frac{1}{4}$ sec.
s26

1937

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

41.50 Draw, 30 ft. deep, drains S. 20° E.; ascend abrupt broken NE. breaks of high mesa.

74.00 Top of NE. rim of mesa, 630 ft. above draw, bears NW. and SE.; thence over flat top of mesa.

80.02 The cor. secs. 22, 23, 26, and 27.

Land, rolling and broken, with a general easterly and northeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, rock, and gravel; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

No timber.

Poor grazing land.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

N. 0°01' W., bet. secs. 22 and 23.

Over flat top of high mesa, through short undergrowth.

3.30 Top of NE. rim of mesa, bears NW. and SE.; descend steep rocky NE. slope.

28.00 Draw, 450 ft. below top of mesa, drains E., 5.00 chs. dist., thence NE.; ascend steep SE. slope.

40.00 On steep rocky SE. slope, 260 ft. above draw, at base of vertical ledge, 40 ft. high, bears NE. and SW.

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

$\frac{1}{4}$
 S22 | S23

1937

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

40.50 Spur, 60 ft. above the $\frac{1}{4}$ sec. cor., projects NE.; descend steep NW. slope.

57.90 Wash, 20 lks. wide, 6 ft. deep, drains NE.

68.80 Draw, 120 ft. below spur, drains SE.; thence over clay hills.

80.00 On broken land, 40 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 14, 15, 22, and 23, with brass cap marked

T24S | R6E
 S15 | S14

 S22 | S23

1937

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

Land, broken clay hills and breaks of mesa, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow blue clay and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 14 and 23.

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

80.02 Intersect the N. and S. line, 14 lks. N. of the cor. secs. 13, 14, 23, and 24.

Thence:

286

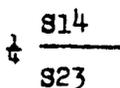
SUBDIVISION OF T. 24 S., R. 6 E.

Chains

N. 89°54' W., on true line, bet. secs. 14 and 23.
Over rolling land, through scattered short undergrowth.

- 2.50 Spur, 40 ft. high, projects SE.
- 27.40 Wash, 100 lks. wide, 3 ft. deep; drains S. 80° E.
- 32.40 Wash, 100 lks. wide, 3 ft. deep, drains N. 80° E.
- 40.01 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



1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

- 48.00 Spur, 40 ft. high, projects N., 3.00 chs. dist. to end.
- 80.02 The cor. secs. 14, 15, 22, and 23.

Land, rolling, with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sage and black brush, greasewood, and weeds.

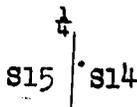
No timber.

Poor grazing land.

N. 0°01' W., bet. secs. 14 and 15.

Over rolling land, through scattered short undergrowth.

- 10.00 Wash, 40 lks. wide, 4 ft. deep, drains N. 80° E.
- 30.00 Rolling top of rocky ridge; 60 ft. high, bears E. and W.; descend gradual N. slope.
- 40.00 On gradual N. slope of surface rock, 60 ft. below top of ridge, mark a cross (X) on the 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



1937

- 77.40 Willow Spring Wash, 2.00 chs. wide, 10 ft. deep, 90 ft. below the $\frac{1}{4}$ sec. cor., drains E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 10, 11, 14, and 15, with brass cap marked

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

T24S	R6E
S10	S11
S15	S14

1937

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

Land, rolling, with a general easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and gravel with a rocky surface; 4th rate.

Undergrowth, sage and black brush, greasewood, shadscale, yellow top, and weeds.

No timber.

Fair grazing land.

S. 89°54' E., on random line, bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 11, 12, 13, and 14.

Thence:

N. 89°53' W., on true line, bet. secs. 11 and 14.

Over rolling land, through scattered short undergrowth.

1.30 Wash, 20 lks. wide, 4 ft. deep, drains N.

13.00 Base of abrupt ascent over steep E. slope of knoll, bears N. and S.

19.30 Top of knoll, 150 ft. high; descend abrupt NW. slope.

33.00 Base of descent, 150 ft. below top of knoll, bears NE. and SW.

40.04 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

1/4	S11
	S14

1937

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

47.00 Willow Spring Wash, 150 lks. wide, 10 ft. deep, drains NE.

58.00 Recross wash, drains SE.

63.00 Recross wash, drains NE.

80.08 The cor. secs. 10, 11, 14, and 15.

Land, rolling, with a general easterly exposure and drainage. Sandstone and shale formation.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

No timber.

Poor grazing land.

N. 0°31' W., bet. secs. 10 and 11.

Over rolling hills, through scattered short undergrowth.

19.50 Wash, 20 lks. wide, 4 ft. deep, drains SE.

25.00 Top of S. rim of rocky bench, 60 ft. high, bears NE. and W.

37.00 Top of N. rim of bench, bears E. and W.; descend gradual N. slope.

40.00 On gradual N. slope.

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

$\frac{1}{4}$

S10	S11
-----	-----

1937

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

46.40 Draw, 25 ft. deep, drains S. 50° E.

53.50 Small rise, 30 ft. high, bears E. and W.

77.30 Draw, 30 ft. deep, drains NE.

80.00 On rolling 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. sec. 2, 3, 10, and 11, with brass cap marked

T248	R6E
S3	S2
S10	S11

1937

sandstone, 9 x 3 x 3 ins., at base of post, marked X. deposit a

Land, rolling, with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay and rock; 4th rate.

Undergrowth, sage and black brush, greasewood, shadscale, and weeds.

No timber.

Poor grazing land.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

S. 89°53' E., on random line, bet. secs. 2 and 11.

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

80.06 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 1, 2, 11, and 12.

Thence:

N. 89° 55' W., on true line, bet. secs. 2 and 11.

Over rolling bench land, through scattered short undergrowth.

8.20 Bottom of large main draw, 20 ft. deep, drains S. 20° E.

18.70 The S. end of a low rise from the N., 20 ft. high.

40.03 On nearly level clay flat.

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

S2
—
S11

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

65.00 Shallow draw at base of bench land, drains SE.; ascend gradual NE. slope.

70.90 Enter broken top of rocky bench, 60 ft. above draw, bears NW. and SE.

78.50 Draw, 40 ft. deep, drains N. 60° E.

80.06 The cor. secs. 2, 3, 10, and 11, 30 ft. above draw.

Land, rolling, with a general southeasterly exposure and drainage. Blue shale formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, sage and black brush, mountain rush, grease-wood, shadscale, and weeds.

No timber.

Poor grazing land.

N. 0°06' W., on random line, bet. secs. 2 and 3.

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

80.00 Set temp. lot cor.

104.46 Intersect the N. bdy. of the township, 15 lks. W. of the cor. secs. 2, 3, 34, and 35, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 23 S., R. 6 E., of this group.

Thence:

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

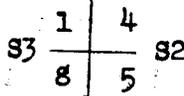
S. 0°01' E., on true line, bet. secs. 2 and 3.

Descend gradually over broken S. slope, through scattered timber and undergrowth.

14.50 Draw, 100 ft. below cor., drains SW.; leave timber, bears E. and W.; thence over rolling land.

24.46 On gradual S. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the cor. of lots 4 and 5, sec. 2, and lots 1 and 8, sec. 3, with brass cap marked



1937

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

46.50 Wash, 50 lks. wide, 12 ft. deep, drains SE. from N. 80° W.

60.50 Small rise, 10 ft. high, bears NW. and SE.

64.46 On gradual NW. slope.

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



1937

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

77.30 Wash, 20 lks. wide, 10 ft. deep, drains S. 30° E..

90.70 Spur, 30 ft. high, projects NW.

93.60 Small draw, 30 ft. deep, drains SE.

99.30 Small spur, 30 ft. high, projects E., 3.50 chs. dist. to end.

104.46 The cor. secs. 2, 3, 10, and 11.

Land, rolling, with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, and weeds.

Timber, a few scrub juniper and pinon on N. portion of mile.

Poor grazing land.

From the cor. of secs. 33 and 34, on the S. bdy. of the township, heretofore described.

N. 0°02' W., bet. secs. 33 and 34.

SUBDIVISION OF, T. 24 S., R. 6 E.

CHAINS

Over rolling clay hills, through scattered short undergrowth.

2.50 Clay spur, 30 ft. high, projects NE., 8.00 chs. dist. to end.

9.40 Draw, 30 ft. deep, drains E.; ascend broken SE. slope of clay hills.

29.30 Spur, 120 ft. above draw, projects NE.

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

833 334

1937

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

56.90 Large shallow draw, drains N. 30° E., about 5.00 chs. dist., thence N. 20° E.

64.80 Wash, 40 yds. wide, 5 ft. deep, drains N. 30° E.

80.00 On gradual SE. slope.

Set an iron post, 3 ft. long, 2 in. diam., 12 ins. in the ground to which stick and in a large mound of stone to top, for cor. secs. 27, 28, 33, and 34, with brass cap marked

T2-3 R6E

833 334

333 334

1937

deposit a sandstone, 10 x 10 x 10 in., at base of post, marked X.

Land, rolling clay hills with a general easterly exposure and drainage. Blue shale formation.

Soil, shallow blue shale; etc. etc.

Undergrowth, sage and black brush, sandalwood, greasewood, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 27 and 34.

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

79.94 Intersect the N. and S. line, 5 yds. N. of the cor. secs. 26, 27, 34, and 35.

Thence:

N. 89°58' W., on true line, bet. secs. 27 and 34.

292

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Ascend gradually along steep N. slope of broken land, through scattered short undergrowth.

14.20 Spur, 40 ft. above cor., projects N. 20° E.; descend broken SW. slope.

39.97 On broken SW. slope, 360 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 1/4 sec. cor., with brass cap marked

S27

S34

1937

deposit a sandstone, 10 x 10 x 9 ins., at base of post, marked X.

50.00 Draw, 80 ft. below the 1/4 sec. cor., drains SE.; ascend steep NE. slope.

60.30 Clay spur, 120 ft. above draw, projects SE.; descend steep SW. slope.

67.00 Base of descent, 160 ft. below spur, bears NW. and SE.; thence over rolling land.

79.94 The cor. secs. 27, 28, 33, and 34.

Land, broken, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, mountain rush, and weeds.

No timber.

Poor grazing land.

N. 0°02' W., bet. secs. 27 and 28.

Ascend gradually over rolling clay hills, through scattered short undergrowth.

18.70 Clay spur, 100 ft. above sec. cor., projects NW., and bears SE., 3.00 chs. dist. to top of clay knoll; descend steep NE. slope.

23.60 Draw, 90 ft. below spur, drains S. 80° W.; ascend steep rocky S. slope.

40.00 On steep rocky S. slope, 160 ft. above draw.

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

S28 | S27

1937

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

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

- 44.40 Sandstone rim, faces S. and bears E. and W., 155 ft. above the $\frac{1}{4}$ sec. cor.; thence ascend along steep W. slope.
 - 60.40 Top of ascent on W. slope of high butte, 230 ft. above the $\frac{1}{4}$ sec. cor., slopes W. and bears E., 2.50 chs. dist. to top of butte; descend steep N. slope.
 - 66.70 Draw, 100 ft. below top of ascent, drains W.; ascend steep rocky SW. slope.
 - 74.20 Top of high spur from flat top of bench, 150 ft. above draw, projects SE., 2.50 chs. dist. to end; descend gradually over NE. slope.
 - 80.00 At head of draw, 30 ft. below spur, drains SE.
- 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. secs. 21, 22, 27, and 28, with brass cap marked

T24S	R6E
S21	S22
S28	S27

1937

deposit a

trachyte, 10 x 10 x 6 ins., at base of post, marked X.

Land, rough and broken, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, mountain rush, and weeds.

No timber.

Poor grazing land.

S. 89°58' E., on random line, bet. secs. 22 and 27.

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

79.90 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 22, 23, 26, and 27.

Thence:

N. 89°57' W., on true line, bet. secs. 22 and 27.

Over rolling top of high bench land, through scattered short undergrowth.

39.95 On rolling top of high 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

$\frac{1}{4}$	S22
	S27

1937

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

- 40.50 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Top of W. rim of high bench, bears NW. and SE.; descend abrupt ledgy SW. slope.
- 47.00 Top of vertical E. rim of deep gulch, bears NW. and SE.
- 56.20 Bottom of gulch, 380 ft. below rim of bench, drains SE.; ascend steep ledgy NE. slope.
- 65.20 Top of vertical W. rim of gulch, bears NE. and SW.; continue abrupt ascent over SE. slope.
- 79.90 The cor. secs. 21, 22, 27, and 28; 400 ft. above bottom of gulch.

Land, E. portion of mile is rolling top of bench; W. portion is broken breaks of a deep gulch draining southeasterly. Sandstone, shale, and volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, mountain rush, shadscale, and weeds.

Timber, a few scattered scrub juniper.

Poor grazing land.

N. 0°02' W., bet. secs. 21 and 22.

Ascend gradual SE. slope of high bench through scattered scrub timber and undergrowth.

- 5.30 Top of N. rim of bench, 40 ft. above cor., bears NE. and SW.; leave timber, bears with rim of bench; descend steep NW. slope.
- 13.80 Descent becomes gradual, bears E. and W.
- 17.50 Draw, 20 ft. deep, drains W., and heads E., 5.00 chs. dist.; continue descent.
- 20.80 Low spur, 20 ft. high, projects W.
- 34.60 Wash, 40 lks. wide, 4 ft. deep, drains N. 60° W.; thence over rolling clay flat.
- 40.00 On rolling clay flat, 230 ft. below 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.

$\frac{1}{4}$
 S21 | S22

1937

from which

A juniper, 24 ins. diam., bears N. 12°15' E., 412 lks. dist., marked $\frac{1}{4}$ S22 BT.

A juniper, 8 ins. diam., bears N. 5°30' W., 300 lks. dist., marked $\frac{1}{4}$ S21 BT.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

Continue on rolling clay flat.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 15, 16, 21, and 22, with brass cap marked

T24S	R6E
S16	S15
S21	S22

1937

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

Land, rolling and broken, with a general northeasterly and northwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, mountain rush, and weeds.

Timber, a few scattered scrub juniper on S. and central portions of mile.

Poor grazing land.

S. 89°57' E., on random line, bet. secs. 15 and 22.

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

79.90 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 14, 15, 22, and 23.

Thence:

N. 89°59' W., on true line, bet. secs. 15 and 22.

Over rolling land, through scattered short undergrowth.

8.30 Spur, 40 ft. high, projects NE.

11.40 Draw, 40 ft. deep, drains NW., 3.00 chs. dist. to junction with draw draining NE.

19.00 Wide draw, 30 ft. deep, drains NE.

39.95 On gradual N. slope.

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

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

1937

from which

A lone juniper, 5 ins. diam., bears N. 29°15' W., 23 lks. dist., marked $\frac{1}{4}$ S15 BT.

No other bearing tree available.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

- 68.20 Top of low rolling clay spur, 20 ft. high, projects N.
- 79.90 The cor. secs. 15, 16, 21, and 22.

Land, rolling, with a general easterly exposure and drainage. Shale and sandstone formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, short shadscale, sage, and black brush.

No timber.

Poor grazing land.

N. 0°02' W., bet. secs. 15 and 16.

Over broken land, through scattered short undergrowth.

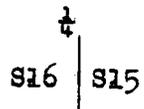
- 11.00 Gulch, 75 ft. deep, drains E.

- 19.50 Top of SE. rim of deep gulch, bears NE. and SW.; descend abrupt NW. slope.

- 39.00 Bottom of gulch, 140 ft. below rim, drains NE.; ascend NW. breaks of gulch.

- 40.00 Near bottom of gulch.

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



1937

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

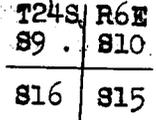
- 48.80 Top of NW. rim of gulch, 100 ft. above bottom, bears NE. and SW.; thence over broken bench land.

- 59.70 Draw, 10 ft. deep, drains NE.

- 67.20 Small draw, 20 ft. deep, drains N. 70° E., 3.00 chs. dist. to junction with last draw.

- 80.00 On broken bench land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 9, 10, 15, and 16, with brass cap marked



1937

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

Land, broken, with a general northeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock; 4th rate.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Undergrowth, sage and black brush, mountain rush, shadscale, yellow top, greasewood, and weeds.

No timber.

Fair grazing land.

S. 89°59' E., on random line, bet. secs. 10 and 15.

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

80.00 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 10, 11, 14, and 15.

Thence:

S. 89°59' W., on true line, bet. secs. 10 and 15.

Over rolling land along the N. side of Willow Spring Wash, through scattered short undergrowth.

3.00 Bend in bank of Willow Spring Wash, 10 ft. high, bears SE. and S. 80° W.

20.00 Junction of large draw from the SW. with Willow Spring Wash, 2.00 chs. wide, 6 ft. deep, drains S. 80° E. from the NW.

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

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

1937

raise a mound of stone, 3 ft. base, 2 ft. high, $\frac{1}{4}$ of cor.

53.80 Draw, 40 ft. deep, drains NE.; ascend steep E. slope.

68.60 Top of sandstone rim, 100 ft. above draw, faces E. and bears N. and S. 20° W.

71.70 Low lava hill, 20 ft. high, bears N. 10° W., about 15.00 chs. dist. to end, and S. 10° W., about 5.00 chs. dist. to end.

80.00 The cor. secs. 9, 10, 15, and 16.

Land, rolling and broken, with a general easterly exposure and drainage. Sandstone, lava, and shale formation.

Soil, shallow clay and shale, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

No timber.

Fair grazing land.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

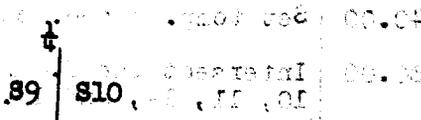
anisd0

N. 0°02' W., bet. secs. 9 and 10,
 Over rolling land, through scattered short undergrowth.

30.70 Willow Spring Wash, 1.50 chs. wide, 10 ft. deep, drains S. 80° E. from the SW.

40.00 On general NE. slope of broken bench 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



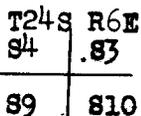
1937

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

44.00 Large wash, 50 lks. wide, 15 ft. deep, drains E.

80.00 On nearly level land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 3, 4, 9, and 10, with brass cap marked



1937

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

Land, rolling, with a general easterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sage and black brush, mountain rush, shadscale greasewood, yellow top, and weeds.

No timber.

Fair grazing land.

N. 89°59' E., on random line, bet. secs. 3 and 10.

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

79.96 Intersect the cor. secs. 2, 3, 10, and 11.

Thence:

S. 89°59' W., on true line, bet. secs. 3 and 10.

Over rolling blue clay hills, through scattered short undergrowth.

20.00 Shallow wash, 30 lks. wide, 2 ft. deep, drains SE.

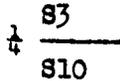
38.10 Base of sandstone rim, bears N. and S.

SUBDIVISION OF T. 24 S., R. 6 E.

CHAINS

39.95 On top of sandstone rim, 40 ft. high, faces E. and bears N. and S.

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



1937

mound of stone; 3 ft. base; 2 ft. high, N. of cor. raise a

79.96 The cor. secs. 3, 4, 9, and 10.

Land, rolling, with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, mountain rush, greasewood, shadscale, and weeds.

No timber.

Poor grazing land.

N. $0^{\circ}02'$ W., on random line, bet. secs. 3 and 4.

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

80.00 Set temp. lot cor.

104.53 Intersect the N. bdy. of the township, 6 lks. W. of the cor. secs. 3, 4, 33, and 34, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 23 S., R. 6 E., of this group.

Thence:

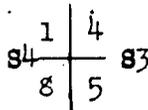
South, on true line, bet. secs. 3 and 4.

Over rolling land, through scattered short undergrowth.

3.40 Large main wash, 50 lks. wide, 8 ft. deep, drains S. 60° E.

24.53 On gradual N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. lots 4 and 5, sec. 3, and lots 1 and 8, sec. 4, with brass cap marked.



1937

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

34.50 Spur, 25 ft. high, projects N. 80° E., about 7.00 chs. dist. to end.

39.50 Head of draw, drains S. 80° E.

49.50 The E. point of the base of a high mesa to the W.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

64.53 On gradual SE. slope of bench 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



1937

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

86.00 Small wash, 15 lks. wide, 2 ft. deep, drains E.

104.53 The cor. secs. 3, 4, 9, and 10.

Land, rolling, with a general easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

From the cor. of secs. 32 and 33, on the S. bdy. of the township, heretofore described.

N. 0°03' W., bet. secs. 32 and 33.

Over broken clay hills through scattered short undergrowth

2.90 Draw, 30 ft. deep, drains NE.

6.00 Small spur, 40 ft. high, projects E., 5.00 chs. dist. to end.

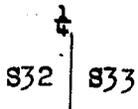
10.70 Wide draw, 40 ft. deep, drains E.

24.00 Broken top of ridge, 75 ft. high, bears N. 60° E. and S. 60° W.

39.20 Draw, 130 ft. below ridge, drains NE.

40.00 On steep E. slope.

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



1937

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

41.70 Ledgy spur, 60 ft. high, projects E., 2.00 chs. dist. to end.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

54.30 Top of NE. end of low elongated clay knoll, 20 ft. high, bears S. 20° W., 1.50 chs. dist. to end.

57.70 Wash, 50 lks. wide, 10 ft. deep, in wide shallow draw, drains E.

80.00 On broken W. slope, 140 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 28, 29, 32, and 33, with brass cap marked

T24S	R6E
S29	S28
S32	S33

1937

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

Land, broken clay and shale hills, with a general north-easterly exposure and drainage. Sandstone and shale formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 28 and 33.

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

80.00 Intersect the N. and S. line, 9 lks. S. of the cor. secs. 27, 28, 33, and 34.

Thence:

S. 39°56' W., on true line, bet. secs. 28 and 33.

Over broken clay hills through scattered short undergrowth.

21.00 Junction of two draws, 30 ft. deep, drains S. 20° E. from N. 20° W. and N. 80° W.

35.30 Top of clay knoll, 30 ft. high.

40.00 On broken SW. slope of clay hills.

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

$\frac{1}{4}$	S28
	S33

1937

deposit a sandstone, 12 x 10 x 10 ins., at base of post, marked X.

41.70 Draw, 30 ft. deep, drains S.; ascend gradually along steep S. slope.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

74.80 Top of high rocky spur, 300 ft. above draw, projects S. 20° W., 1.00 ch. dist. to end; descend steep W. slope.

80.00 The cor. secs. 28, 29; 32, and 33, 120 ft. below spur.

Land, broken clay hills, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, mountain rush, and weeds.

No timber.

Poor grazing land.

N. 0°03' W., bet. secs. 28 and 29.

Over rolling clay hills through scattered short undergrowth

15.50 Small wash, 30 lks. wide, 3 ft. deep, drains S. 20° W. from NW.

30.00 Top of sandstone rim, 110 ft. above cor., faces S. and bears E. and SW.; thence over rolling bench land.

40.00 On rolling bench 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

$\frac{1}{4}$
 S29 | S28

1937

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

60.00 Bottom of swale; 20 ft. deep, drains S. 60° W.

77.00 Top of N. rim of bench, faces S. and bears E. and N. 70° W. thence over higher bench land.

80.00 On broken bench land.

Set an iron post; 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 20, 21, 28, and 29, with brass cap marked

T24S | R6E
 S20 | S21

 S29 | S28

1937

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

Land, rolling, with a general southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow blue clay; 4th rate.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Undergrowth, short sage and black brush, shadscale, and weeds.

No timber.

Poor grazing land.

N. 89°56' E., on random line, bet. secs. 21 and 28.

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

50.00 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 21, 22, 27, and 28.

Thence:

S. 89°57' W., on true line, bet. secs. 21 and 28.

Ascend gradually over broken E. slope of a high small bench, through scattered short undergrowth, and very scattered timber.

2.50 Top of abrupt descent over steep W. slope, bears N. and S.

17.00 Leave timber, bears N. and S.

20.00 Base of abrupt descent, bears N. 10° E. and S. 20° W.; thence over rolling hills.

40.00 In rolling land, 300 ft. below top of abrupt descent.

Set an iron post, 5 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} 321 \\ \frac{1}{4} \\ \hline 328 \end{array}$$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.60 Wash, 15 lks. wide, 3 ft. deep, drains N. 15° E.

50.00 The cor. secs. 20, 21, 28, and 29.

Land, rolling and broken, with a general southeasterly and southwesterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

Timber, a few scattered scrub juniper on E. portion of mile.

Poor grazing land.

N. 0°03' W., bet. secs. 20 and 21.

Over broken bench land through scattered short undergrowth.

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

21.00 Low rise, bears N. 70° W. and E.

27.00 Swale, drains E.

40.00 On rolling bench land.

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 $\frac{1}{4}$ sec. cor., with brass cap marked



1937

deposit a trachyte, 10 x 10 x 8 ins., at base of post, marked X.

41.00 Small draw, 10 ft. deep, drains E.

52.50 Top of N. rim of bench land, faces N. and bears N. 70° E. and W.; descend abrupt NW. slope.

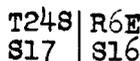
57.40 Slope changes from an abrupt NW. to a gradual NE, slope

64.50 Bottom of swale, 60 ft. below rim of bench, drains NE.

70.10 Low rise, 20 ft. high, bears NE. and SW.; descend NW. slope

80.00 On NW. slope, 90 ft. below top of rise.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 16, 17, 20, and 21, with brass cap marked



1937

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

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone, volcanic, and shale formation.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, mountain rush, shadscale, greasewood, yellow top, and weeds.

No timber.

Poor grazing land.

E. 89°57' E., on random line, bet. secs. 16 and 21.

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

30.04 Intersect the cor. secs. 15, 16, 21, and 22.

Thence:

S. 89°57' W., on true line, bet. secs. 16 and 21.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Over broken bench land through scattered short undergrowth.

13.40 Wash, 30 lks. wide, 5 ft. deep, drains N.

24.00 Low rise, bears N. and S.

27.00 Bottom of wide shallow swale, drains NE.

40.02 On rolling land.

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

S16
 $\frac{1}{4}$ ———
 S21

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

45.40 Low rise, 20 ft. high, bears NE. and SW.

52.70 Draw, 25 ft. deep, drains NE.

65.20 Rolling top of low ridge, 75 ft. high, bears NE. and S. 70° W.; descend gradual NW. slope.

74.00 Base of descent, 75 ft. below top of ridge, bears NE. and S. 70° W.; thence over rolling land.

80.04 The cor. secs. 16, 17, 20, and 21.

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone, volcanic and shale formation.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, yellow top, and weeds.

No timber.

Fair grazing land.

N. 0°03' W., bet. secs. 16 and 17.

Over broken land, through scattered short undergrowth.

10.00 Top of rocky rim, faces NW. and bears NE. and SW.

34.70 Willow Spring Wash, 2.00 chs. wide, 12 ft. deep, drains N. 60° E.; ascend gradual SE. slope.

40.00 On gradual SE. slope, 40 ft. above Willow Spring Wash.

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

$\frac{1}{4}$
 S17 | S16

1937

raise a

306

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

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

60.50 Wash, 30 lks. wide, 5 ft. deep, drains N. 60° E.

78.20 Wash, 15 lks. wide, 3 ft. deep, drains NE., and heads W., 5.00 chs. dist., at base of SE. breaks of high mesa to the NW., bears NE. and SW.

80.00 On broken SE. slope of breaks of mesa, 20 ft. above base.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 8, 9, 16, and 17, with brass cap marked

T24S	R6E
S8	S9
S17	S16

1937

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

Land, rolling and broken, with a general northeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, short sage and black brush, shadscale, greasewood, mountain rush, and weeds.

No timber.

Poor grazing land.

N. 89°57' E., on random line, bet. secs. 9 and 16.

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

79.98 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 9, 10, 15, and 16.

Thence:

S. 89°56' W., on true line, bet. secs. 9 and 16.

Over broken and rolling land, through scattered short undergrowth.

31.30 Willow Spring Wash, 2.00 chs. wide, 12 ft. deep, drains N.

39.99 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

S9
$\frac{1}{4}$
S16

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

44.80 Wash, 20 lks. wide, 4 ft. deep, drains NE.

SUBDIVISION OF, T. 24 S., R. 6 E.

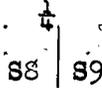
Chains

- 75.70 Wash, 15 lks. wide, 3 ft. deep, drains NE.
- 79.00 Base of SE. breaks of high mesa to the NW., bears N. 30° E. and S. 30° W.; ascend SE. slope.
- 79.98 The cor. secs. 8, 9, 16, and 17, 40 ft. above base of mesa. Land, rolling clay hills, with a general northeasterly exposure and drainage. Blue shale formation. Soil, shallow blue clay; 4th rate. Undergrowth, scattered shadscale, greasewood, and weeds. No timber. Poor grazing land.

N. 0°03' W., bet. secs. 8 and 9.

Ascend gradually along broken SE. slope of breaks of high mesa to the NW., through scattered short undergrowth.

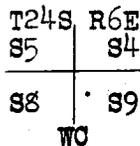
- 40.00 On broken E. slope of breaks of mesa, 220 ft. above sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



1937

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

- 52.80 Top of ascent, 210 ft. above the $\frac{1}{4}$ sec. cor., bears W. and slopes E.; descend over broken NE. slope.
- 77.50 Base of descent, 80 ft. below top of ascent, bears NW. and E.; thence over broken bottom lands at the mouth of a deep rocky gulch.
- 80.00 True point for the cor. secs. 4, 5, 8, and 9, falls on S. face of a shale knoll, 50 ft. high, where it is impracticable to set a cor.
- 80.40 On top of shale knoll: 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 witness cor. to the cor. secs. 4, 5, 8, and 9, with brass cap marked



1937

deposit a sandstone, 10 x 8 x 6 ins., at base of post, marked X.

Land, broken E. breaks of a high mesa to the W. Sandstone and shale formation.

SUBDIVISION OF T. 24 N., R. 6 E.

Chains

Soil, shallow clay, sand and rock; 4th rate.
 Undergrowth, sage and black brush, shadscale, greasewood,
 and weeds.
 No timber.
 Poor grazing land.

From the true point for the cor. secs. 4, 5, 8, and 9.
 N. 89°56' E., on random line, bet. secs. 4 and 9.

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

80.04 Intersect the cor. secs. 3, 4, 9, and 10.

Thence:

S. 89°56' W., on true line, bet. secs. 4 and 9.

Over rolling land, through scattered short undergrowth.

16.00 Spur, 20 ft. high, projects SE. from the N.

36.00 Wash, 5 lks. wide, 2 ft. deep, drains S. 30° E.

40.02 On general SE. slope.

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

$$\frac{84}{89}$$

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

59.00 Large wash, 1.50 chs. wide, 10 ft. deep, drains SE.

78.70 Base of ascent over SE. slope of shale knoll, bears N. and
 S.

80.04 The true point for the cor. secs. 4, 5, 8, and 9, which
 is S. 0°03' E., 40 lks. dist. from the witness cor. to the
 cor. of said secs.

Land, broken clay hills, with a general southeasterly
 exposure and drainage. Blue shale formation.

Soil, shallow blue clay; 4th rate.

Undergrowth, shadscale and greasewood.

No timber.

Poor grazing land.

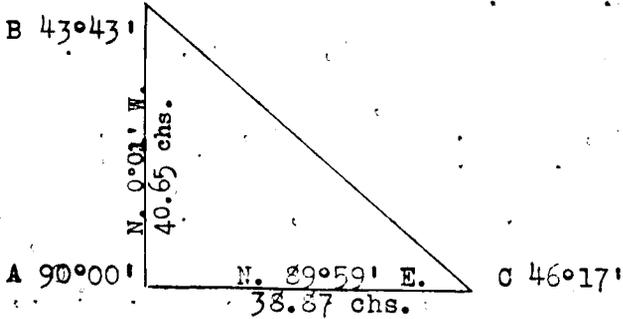
From the true point for the cor. secs. 4, 5, 8, and 9.

N. 0°01' W., on random line, bet. secs. 4 and 5.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

- 0.40 The witness cor. to the cor. secs. 4, 5, 8, and 9.
- 7.00 The line to the N. of this point, ascends the steep inaccessible S. breaks of a high mesa to the N. over which I am unable to chain, I therefore determine the distance to top of mesa by triangulation as follows. Erect flag A at the witness cor. to the cor. secs. 4, 5, 8, and 9, and flag B on line to the N. From A; survey base line AC, N. 89°59' E., 38.87 chs. dist. From C, line AB subtends an angle of 46°17'. From B, line AC subtends an angle of 43°43'. Vertical angle from A to B is plus 12°45'. All angles checked by repetition.



Distance on line 0.40 chs.
 Distance by triangulation $\frac{40.65 \text{ chs.}}{41.05 \text{ chs.}}$
 Distance by return measurement.. $\frac{0.08 \text{ chs.}}{40.97 \text{ chs.}}$

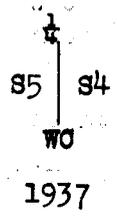
- 40.97 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor. secs. 4 and 5.
- 41.05 To point B of triangulation.
- 104.76 Intersect the N. bdy. of the township, 3 lks. E. of the cor. secs. 4, 5, 32, and 33, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 23 S., R. 6 E. of this group.
 Thence:
 S. 0°02' E., on true line, bet. secs. 4 and 5.
 Descend gradual S. slope of broken land, through scattered short undergrowth.
- 3.40 Bottom of gulch, 20 ft. below cor., drains E.; ascend steep ledgy N. breaks of a high mesa to the S.
- 13.70 Vertical sandstone ledge, 60 ft. high, bears N. 75° W. and S. 75° E.
- 14.80 Vertical sandstone ledge, bears N. 75° W. and S. 75° E., 20 ft. high.
- 17.80 Ascent becomes more gradual, bears NW. and SE.
- 24.76 On abrupt NE. slope.
 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. lots 4 and 5, sec. 4, and lots 1 and 8, sec. 5, with brass cap marked

$$\begin{array}{r|l} 1 & 4 \\ \hline 85 & 84 \\ \hline & 5 \end{array}$$

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

- Deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.
- 26.90 Sandstone rim, 30 ft. high, faces NE. and bears N. 80° W. and S. 80° E.
- 28.20 Top of N. rim of mesa, 20 ft. high, faces NE. and bears N. 75° W. and S. 75° E.; ascend gradual NE. slope.
- 45.30 Ascent becomes abrupt, bears N. 70° W. and S. 70° E.
- 50.20 Sandstone rim, 20 ft. high, faces N. and bears N. 70° W. and S. 70° E.
- 53.90 Ascent becomes gradual, bears E. and W.
- 61.20 Top of rise on mesa, covered with dense juniper and pinon timber, 580 ft. above gulch, bears N. 70° W. and S. 70° E. 2.00 chs. dist. to top of peak; descend broken SW. slope.
- 63.79 On top of S. rim of mesa, 20 ft. below top, bears E. and W.; mark a cross (X) on the surface rock, 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. secs. 4 and 5, with brass cap marked



- Thence descend abruptly over inaccessible S. breaks of mesa
- 64.76 True point for the $\frac{1}{4}$ sec. cor. secs. 4 and 5, falls on inaccessible S. face of a sandstone ledge, where it is impracticable to set a cor.
- 97.80 Bottom of rocky gulch, 660 ft. below top of S. rim of mesa, drains SE. from N. 80° W.; ascend N. slope of shale knoll.
- 104.36 The witness cor. to the cor. secs. 4, 5, 8, and 9, at top of shale knoll.
- 104.76 The true point for the cor. secs. 4, 5, 8, and 9.
Land, broken N. and S. breaks of a high narrow mesa. Sandstone and shale formation.
Soil, shallow clay and sand, with a rocky surface; 4th rate.
Undergrowth, sage and black brush, mountain rush, shadscale and weeds.
Timber, scrub juniper and pinon on central portion of mile.
Poor grazing land.

From the cor. secs. 31 and 32, on the S. bdy. of the township, heretofore described.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

N. 0°03' W., bet. secs. 31 and 32.

Over rolling blue clay hills, through very scattered short undergrowth.

9.00 Large main wash, 50 lks. wide, 20 ft. deep, drains NE.

23.00 Spur, 60 ft. high, projects NE., 3.00 chs. dist. to end.

29.20 Wash, 20 lks. wide, 15 ft. deep, drains E., about 10.00 chs. dist. to junction with last wash.

40.00 On rolling clay flat.

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

$\frac{1}{4}$
S31 | S32

1937

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

50.00 Large wash, 1.50 chs. wide, 15 ft. deep, drains S. 80° E.; thence over clay flat.

56.60 Low rise, 20 ft. high, bears NE. and SW.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 29, 30, 31, and 32, with brass cap marked

T24S	R6E
S30	S29
S31	S32

1937

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

Land, rolling with a general easterly exposure and drainage. Blue shale formation.

Soil, deep blue clay; 4th rate.

Undergrowth, short shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 29 and 32.

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

79.94 Intersect the N. and S. line, 3 lks. N. of the cor. secs. 28, 29, 32, and 33.

Thence:

N. 89°59' W., on true line, bet. secs. 29 and 32.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Descend abrupt W. slope of rough broken land, through scattered short undergrowth.

2.00 Draw, 80 ft. below cor., drains S.; ascend broken SE. slope.

20.70 Top of E. rim of bench, 150 ft. above draw, bears NE. and S.; thence over broken top of bench through scattered juniper and pinon timber.

39.97 On broken 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

929
 $\frac{1}{4}$ ———
 932

1937

round of stone, 3 ft. base, 2 ft. high, N. of cor. raise a
 No bearing trees available.

43.40 Top of W. rim of bench, bears N. and S.; descend abrupt W. slope; leave timber, bears N. and S.

48.00 Gulch, 80 ft. below rim of bench, drains S. 10° W.; ascend abrupt E. slope.

50.00 Spur, 60 ft. above gulch, projects S. 10° W.; descend abrupt W. slope.

53.60 Gulch, 70 ft. below spur, drains S. 20° W.; ascend steep E. slope.

55.00 Spur, 90 ft. above gulch, projects S. 15° W.; descend gradual SW. slope.

58.50 Enter rolling clay flat, bears N. 15° E. and S. 15° W.

70.94 The cor. secs. 29, 30, 31, and 32, 40 ft. below spur.

Land, broken clay hills and sandstone rims, with a general southerly exposure and drainage. Sandstone and shale formation.

Soil, blue clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, and weeds.

Timber, scrub juniper and pinon on E. portion of mile.

Poor grazing land.

West, on random line, bet. secs. 30 and 31.

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

50.00 Set temp. lot cor.

85.52 Intersect the cor. secs. 25, 30, 31, and 36, on the W. bdy. of the township, an iron post, 2 ins. diam.; set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E. of this group.

Thence;

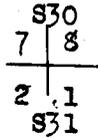
SUBDIVISION OF, T. 24 S., R. 6 E.

ORAINS

East, on true line, bet. secs. 30 and 31.

Over rolling blue clay flat, through scattered short undergrowth.

5.62 Set an iron post, 3 ft long, 1 in. diam., 30 ins. in the ground, for cor. of lots 7 and 8, sec. 30, and lots 1 and 2, sec. 31, with brass cap marked



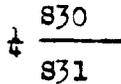
1937

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

30.10 Road, bears N. 15° E. to Utah State Highway No. 10, and S. 15° W. to Jeffery's Ranch and an oil well.

45.62 On nearly level clay flat.

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



1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

68.40 Wash, 15 lks. wide, 5 ft. deep, drains S. 40° E.

73.00 Wash, 35 lks. wide, 8 ft. deep, drains S. 15° E.

85.62 The cor: secs: 29, 30, 31, and 32.

Land, nearly level clay flat. Blue shale formation.

Soil, deep blue clay; 4th rate.

Undergrowth, very scattered shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

N. 0°03' W., bet. secs. 29 and 30.

Over rolling blue clay land, through scattered short undergrowth.

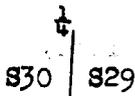
25.00 Low clay spur, 20 ft. high, projects SE., about 8.00 chs. dist. to end:

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

SUBDIVISION OF, T. 24 S., R. 6 E.

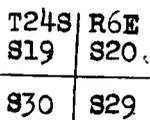
Chains



1937

- 60.00 mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a
- 74.50 Low rise, 20 ft. high, bears SE. and NW.
- 80.00 Small wash, 5 lks. wide, 2 ft. deep, drains SE.
- On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 19, 20, 29, and 30, with brass cap marked

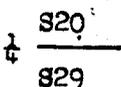


1937

- mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a
- Land, rolling clay flat, with a general southeasterly exposure and drainage. Blue shale formation.
- Soil, deep blue clay; 4th rate.
- Undergrowth, very scattered shadscale, greasewood, and weeds.
- No timber.
- Poor grazing land.

- 40.00 S. 89°59' E., on random line, bet. secs. 20 and 29.
- Set temp. 1/4 sec. cor.
- 79.88 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 20, 21, 28, and 29.
- Thence:
- West, on true line, bet. secs. 20 and 29.
- Over broken top of high bench land, through scattered short undergrowth.
- 6.60 Top of SW. rim of bench, bears N. 75° W. and S. 75° E.; descend gradual SW. slope, over broken land covered with large volcanic boulders.
- 29.00 Leave volcanic boulders and enter rolling clay hills, bears NW. and S. 70° E.
- 39.94 On rolling land, 100 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



1937

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

69.80 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Wash, 20 lks. wide, 4 ft. deep, drains S. 20° E.

79.88 The cor. secs. 19, 20, 29, and 30.

Land, rolling, with a general southwesterly exposure and drainage. Sandstone, volcanic, and shale formation.

Soil, shallow blue clay with a rocky surface; 4th rate.

Undergrowth, sage and black brush, greasewood, shadscale, and weeds.

No timber.

Poor grazing land.

40.00 West, on random line, bet. secs. 19 and 30.
 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Set temp. lot cor.

85.55 Intersect the W. bdy. of the township, 7 lks. N. of the cor. secs. 19, 24, 25, and 30, an iron post, 2 ins. diam. set, marked and witnessed as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

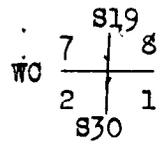
Thence:

N. 89°57' E., on true line, bet. secs. 19 and 30.

Descend gradually over SE. slope of breaks of high mesa to the NW., through scattered short undergrowth.

5.55 True point for the cor. of lots 7 and 8, sec. 19, and lots 1 and 2, sec. 30, falls on clay break where it is impracticable to set a permanent cor.

6.72 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to the cor. of lots 7 and 8, sec. 19, and lots 1 and 2, sec. 30, with brass cap marked



1937

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

10.00 Gulch, 30 ft. deep, drains SE.; continue descent.

22.70 Base of breaks of mesa, 330 ft. below sec. cor., bears N. and S.; thence over blue clay flat.

30.80 A lone clay butte, bears S., 7.00 chs. dist.

45.55 On rolling clay flat.

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. 24 N., R. 6 E.

Chains

encl 20

S19

S30

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 48.40 Bottom of shallow swale, drains S. 20° E.
- 51.20 Road, bears N. to Utah State Highway No. 10, and S. to Jeffery's Ranch and an oil well.
- 54.00 Wash, 10 lks. wide, 3 ft. deep, drains S.
- 60.50 Low rise, 20 ft. high, bears NW. and SE.
- 85.55 The cor. of secs. 19, 20, 29, and 30.

Land, rolling and broken, with a general southeasterly exposure and drainage. Blue shale formation.

Soil, deep and shallow blue clay; 4th rate.

Undergrowth, very scattered short shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

N. 0°03' W., bet. secs. 19 and 20.

Over rolling blue clay hills through scattered short undergrowth.

- 20.50 Small wash, 10 lks. wide, 2 ft. deep, drains S. 80° E.
- 27.00 Small wash, 10 lks. wide, 2 ft. deep, drains E.
- 35.00 Wash, 20 lks. wide, 3 ft. deep, drains SE.
- 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

S19 | S20

1937

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

- 43.50 Low clay ridge, 20 ft. high, bears N. 60° E. and S. 60° W.
- 51.20 Road, bears N. 60° E. to Utah State Highway No. 10, and S. 60° W. to Jeffery's Ranch and an oil well.
- 61.90 Recross road, bears W. and E. 50 lks. dist., thence SE.
- 64.80 Willow Spring Wash, 1.50 chs. wide, 11 ft. deep, drains NE.; ascend gradual SE. slope.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

78.50 Clay spur, 50 ft. above wash, projects E., 5.00 chs. dist. to end; descend gradual N. slope.

80.00 On gradual N. slope, 20 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 17, 18, 19, and 20, with brass cap marked

T24S	R6E
S18	S17
S19	S20

1937

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

Land, rolling, with a general southeasterly exposure and drainage. Blue shale formation.

Soil, shallow and deep blue clay with a rocky surface; 4th rate.

Undergrowth, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

East, on random line, bet. secs. 17 and 20.

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

79.88 Intersect the cor. secs. 16, 17, 20, and 21.

Thence:

West, on true line, bet. secs. 17 and 20.

Over rolling land, through scattered short undergrowth.

39.94 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

$\frac{1}{4}$	S17
	S20

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

44.00 Willow Spring Wash, 1.50 chs. wide, 10 ft. deep, drains NE. from the W.; thence along bottom of wash.

52.50 Leave bottom of Willow Spring Wash, drains E. from the SW.

64.20 Small draw, 30 ft. deep, drains S. 70° E.

79.88 The cor. secs. 17, 18, 19, and 20, 40 ft. above draw.

Land, rolling, with a general northeasterly exposure and drainage. Shale and volcanic formation.

SUBDIVISION OF T. 24 S., R. 6 E.

Notes

3011. shallow blue clay with a rocky surface; 4th rate.

2012. sage and black brush, greasewood, shadscale and weeds.

Timber.

Four marked land.

3. 2011 E., on true line, bet. secs. 16 and 19.

Ascend gradually along broken N. and NW. slope of S. corner of a high mesa to the E., through scattered short grasses.

2013 Top of ascent on E. slope of shale knoll, 100 ft. above cor., bears E. 10° W. and S. 30° E.; descend abrupt W. slope.

2014 Draw, 50 ft. below top of ascent, drains N. 75° E.; ascend gradual SE. slope.

2015 Top of high spur from mesa, 10 ft. above draw, projects S. 10° E.; descend gradual SW. slope.

2016 On gradual SW. slope, 50 ft. below spur.

Set a 12 in. x 12 in. x 1 ft. long, 1 in. diam., 30 lbs. in the ground, for 2 sec. 16, with brass cap marked

815
 6
 819

1937

Set a 12 in. x 12 in. x 1 ft. long, 1 in. diam., 30 lbs. in the ground, for 2 sec. 16, with brass cap marked

Raise a

2017 Draw, 10 ft. below the 2 sec. cor., drains S. 16° W.; ascend gradual SE. slope.

2018 Spur, 10 ft. above draw, projects SE.; descend SW. slope.

2019 On gradual SW. slope, 10 ft. below spur.

Set a 12 in. x 12 in. x 1 ft. long, 1 in. diam., 30 lbs. in the ground, for 2 sec. 16, and 2, sec. 19, with brass cap marked

815
 7
 819

1937

Set a 12 in. x 12 in. x 1 ft. long, 1 in. diam., 30 lbs. in the ground, for 2 sec. 16, with brass cap marked

Raise a

2020 Enter 2 acre lands of Willow Spring Ranch, bears NW. and SE.

2021 Road, bears E. 20° W. to Utah State Highway No. 10, and S. 10° E. to Jeffery's Ranch and an oil well.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

85.42 Intersect the W. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 18 and 19, with brass cap marked

T24S	T24S
R5E	S18 C
S13	S19 C
	R6E

1937

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

From this cor., the cor. secs. 13 and 24, T. 24 S., R. 5 E., bears S. 0°20' E., 2.24 chs. dist. Cor. is a sandstone, set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

From the stone cor. secs. 13 and 18, the witness cor. to the closing cor. of secs. 18 and 19, and which is also the witness cor. to the cor. secs. 13 and 24, bears South, 2.63 chs. dist. Witness cor. is an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E. of this group.

Land, broken breaks of a high mesa to the N. Sandstone and shale formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, mountain rush, yellow top, shadscale, and weeds.

Timber, a few scattered scrub juniper and pinon.

Fair grazing land.

From the cor. secs. 17, 18, 19, and 20.

N. 0°03' W., bet. secs. 17 and 18.

Along the broken E. slope of a high mesa to the W., through scattered short undergrowth.

3.80 Draw, 30 ft. below cor., drains E.; ascend gradual SE. slope.

8.00 Spur, 40 ft. above draw, projects NE.; thence over rolling land.

33.10 Base of abrupt ascent over S. slope of shale spur, bears S. 80° E. and N. 80° W.

35.60 Top of shale spur, 100 ft. high, projects S. 80° E.; 5.00 chs. dist. to end; descend steep N. slope.

40.00 At base of descent from spur, 100 ft. below top, bears E. and W..

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. 24 S., R. 6 E.

Chains

S18 | S17

1937

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

53.70 Large wash, 50 lks. wide, 8 ft. deep, drains E.; ascend steep rocky S. slope.

58.00 Enter scattered scrub juniper and pinon timber, bears E. and W.

80.00 On broken S. slope, 200 ft. above base of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 7, 8, 17, and 18, with brass cap marked.

T24S	R6E
S7	S8
S18	S17

1937

from which

A pinon, 6 ins. diam., bears N. 79°15' E., 85 lks. dist., marked T24S R6E S8 BT.

A juniper, 8 ins. diam., bears S. 44°30' E., 74 lks. dist., marked T24S R6E S17 BT.

A pinon, 10 ins. diam., bears S. 16°45' W., 232 lks. dist., marked T24S R6E S18 BT.

No suitable bearing tree available. in sec. 7.

Land, broken with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and rock; with a rocky surface; 4th rate.

Undergrowth, sage and black brush, greasewood, shadscale, mountain rush, and weeds.

Timber, scrub juniper and pinon on N. portion of mile.

Poor grazing land.

East, on random line, bet. secs. 8 and 17.

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

79.80 Intersect the N. and S. line, 3 lks. S. of the cor. secs. 8, 9, 16, and 17.

Thence:

S. 89°59' W., on true line, bet. secs. 8 and 17.

Ascend along broken S. breaks of high mesa land to the NW., through scattered short undergrowth.

SUBDIVISION OF T. 248N., R. 6 E.

0.00

18.60

Spur, 80 ft. above cor.; slopes S.; descend broken SW. slope.

29.30

Draw, 130 ft. below spur; drains SE.; ascend steep E. slope.

36.60

Spur, 90 ft. above draw, projects S.; descend gradual SW. slope.

39.90

On gradual SW. slope, 90 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

$\frac{1}{4}$ $\frac{S8}{S17}$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

41.80

Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains S. 20° E.; ascend abrupt SE. slope.

54.60

Slope changes from an abrupt SE. slope to a gradual S. slope.

79.80

The cor. secs. 7, 8, 17, and 18, 220 ft. above draw.

Land, broken breaks of mesa with a general southeasterly exposure and drainage. Sandstone and shale formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, and weeds.

No timber.

Poor grazing land.

S. 89°57' W., on tree-line, bet. secs. 7 and 18.

Ascend gradually over broken S. breaks of a high mesa to the N., through scattered timber and undergrowth.

17.50

Draw, 40 ft. deep, drains S. 30° E., about 10.00 chs. dist., thence S. 80° E., and heads N. 20° W., about 6.00 chs. dist.

25.00

Base of abrupt ascent over E. breaks of high mesa to the W., bears N. 20° W. and S. 20° E.

35.40

Top of E. rim of mesa, 360 ft. above sec. cor., bears N. and S.; thence over rolling top of mesa.

40.00

On rolling top of mesa.

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

$\frac{1}{4}$ $\frac{S7}{S18}$

1937

from which

SUBDIVISION OF T. 24 S., R. 6 E.

Chains

A juniper, 16 ins. diam., bears S. 13°15' E., 40 lks. dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 10 ins. diam., bears N. 78°15' W., 29 lks. dist., marked $\frac{1}{4}$ S7 BT.

69.00 Base of abrupt ascent over E. face of sandstone rim, bears NW. and S. 20° E.

71.00 Top of rim, 70 ft. above base, bears NW. and S. 20° E.

80.00 On rolling mesa land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 7 and 8, sec. 7, and lots 1 and 2, sec. 18, with brass cap marked

S7	
7	8
—	
2	1
S18	

1937

from which

A pinon, 5 ins. diam., bears N. 65°45' E., 48 lks. dist., marked L8 S7 BT.

A pinon, 10 ins. diam., bears S. 84°15' E., 41 lks. dist., marked L1 S18 BT.

85.79 Intersect the W. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 7 and 18, with brass cap marked

T24S	T24S
R5E	S7 0
S12	S18 0
	R6E

1937

from which

A pinon, 6 ins. diam., bears N. 60°45' E., 95 lks. dist., marked T24S R6E S7 00 BT.

A pinon, 6 ins. diam., bears S. 61° E., 57 lks. dist., marked T24S R6E S18 00 BT.

From this cor., the cor. of secs. 12 and 13, T. 24 S., R. 5 E., heretofore described, bears S. 0°29' W., 1.75 chains dist.

Land, broken, with a general southerly and northeasterly exposure and drainage. Sandstone formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, mountain rush, shadscale, greasewood, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

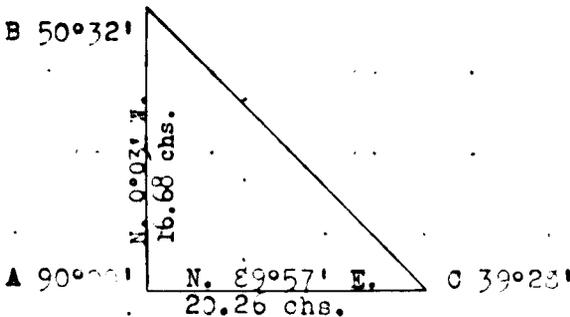
SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

From the cor. secs. 7, 8, 17, and 18.

N. 0°03' W., bet. secs. 7 and 8.

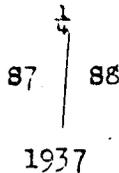
The line to the N. of the cor. secs. 7, 8, 17, and 18, ascends the steep inaccessible S. breaks of a high mesa to the N., over which I am unable to chain, I therefore determine the distance to top of mesa by triangulation as follows. Erect flag A at the sec. cor., and flag B on line to the N. From A, survey base line AC, N. 89°57' E., 20.26 chs. dist. From C, line AB subtends an angle of 39°28'. From B, line AC subtends an angle of 50°32'. Vertical angle from A to B is plus 22°00'. All angles checked by repetition.



Distance by triangulation....16.68 chs.

- 16.68 To point B. of triangulation at top of vertical S. rim of high mesa, 450 ft. above sec. cor., bears E. and W.; thence ascend gradual S. slope of top of mesa through medium dense timber.
- 23.40 Top of butte on mesa, 90 ft. high; descend gradual N. slope.
- 28.00 Base of descent from butte, 120 ft. below top, bears E. and W.; thence over broken land.
- 39.50 Wash, 20 lks. wide, 4 ft. deep, drains NE.
- 40.00 On broken top of mesa land.

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 pinon, 10 ins. diam., bears S. 55° E., 103 lks. dist., marked $\frac{1}{4}$ S8 BT.

A pinon, 8 ins. diam., bears S. 74°30' W., 82 lks. dist., marked $\frac{1}{4}$ S7 BT.

- 41.50 Leave timber, bears NE. and SW.
- 52.00 Swale, 25 ft. deep, drains NE.
- 64.20 Enter medium dense juniper and pinon timber, bears NE. and SW.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

80.00 On top of sandstone ledge, 10 ft. high, faces NW. and bears NE. and SW., mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone to top, for cor. secs. 5, 6, 7, and 8, with brass cap marked

T24S	R6E
S6	S5
S7	S8

1937

from which

A pinon, 6 ins. diam., bears N. 10°15' E., 102 lks. dist., marked T24S R6E S5 BT.

A pinon, 6 ins. diam., bears S. 34° W., 215 lks. dist., marked T24S R6E S7 BT.

A juniper, 10 ins. diam., bears N. 1°45' W., 98 lks. dist., marked T24S R6E S6 BT.

No bearing tree in sec. 8 available.

Land, broken S. breaks and top of high mesa. Sandstone formation.

Soil, shallow sand, clay, and rock; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, mountain rush, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

N. 89°59' E., on random line, bet. secs. 5 and 8.

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

79.90 Intersect the N. and S. line, 3 lks. N. of the true point for the cor. secs. 4, 5, 8, and 9, which is S. 0°03' E., 40 lks. dist. from the witness cor. to said secs.

Thence, from the true point for cor.

West, on true line, bet. secs. 5 and 8.

Over broken NE. breaks of high mesa land to the SW., through scattered short undergrowth.

13.60 Spur, 180 ft. above true point for sec. cor., projects NW.; descend steep SW. slope.

16.70 Draw, 40 ft. below spur, drains N. from the SE.; ascend steep ledgy NE. slope.

39.95 On steep NE. slope, 380 ft. above the true point for 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

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

85

88

1937

trachyte, 12 x 10 x 10 ins., at base of post, marked X. deposit a

43.60 Top of NE. rim of mesa, 180 ft. above the $\frac{1}{4}$ sec. cor., faces NE. and bears NW. and SE.; thence over broken top of mesa, through medium dense timber.

57.20 Draw, 30 ft. below rim of mesa, drains N. 30° W.; ascend gradual NE. slope.

66.50 Low volcanic and sandstone spur, 90 ft. above draw, projects NW.; descend gradual SW. slope.

79.90 The cor. secs. 5, 6, 7, and 8, 30 ft. below spur.

Land, broken, with a general northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, mountain rush, weeds, and grass.

Timber, scrub juniper and pinon on W. portion of mile.

Fair grazing land.

S. 89°57' W., on true line, bet. secs. 6 and 7.

Over broken top of mesa land, through dense scrub timber and scattered short undergrowth.

2.50 Sandstone draw, 30 ft. deep, drains N. 20° E., 3.00 chs. dist., thence N. 20° W.

21.20 Sandstone rim, 50 ft. high, faces NE. and bears N. 30° W. and S. 80° E.

40.00 On gradual NW. slope.

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

86

87

1937

from which

A pinon, 10 ins. diam., bears N: 13°15' E., 67 lks: dist., marked $\frac{1}{4}$ 86 BT.

A pinon, 8 ins. diam.; bears S. 28°45' E., 81 lks. dist., marked $\frac{1}{4}$ 87 BT.

60.00 Sandstone draw, 30 ft. deep, drains N. 30° W.

80.00 On rolling N. slope.

SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. of lots 1 and 2, sec. 7, with brass cap marked

$$\begin{array}{r} 86 \\ 11 \\ \hline 2 \quad | \quad 1 \\ 87 \end{array}$$

1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

84.92

Intersect the W. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 6 and 7, with brass cap marked

$$\begin{array}{r|l} T24S & T24S \\ R5E & 86.0 \\ \hline & 87.0 \\ S1 & R6E \end{array}$$

1937

from which

A juniper, 6 ins. diam., bears N. 13° E., 26 lks. dist., marked BT. Tree too scrubby for other marks.

A pinon, 10 ins. diam., bears S. 53°30' E., 33 lks. dist., marked T24S R5E S7 CO BT.

From this cor., the cor. secs. 1 and 12, T. 24 S., R. 5 E. heretofore described, bears S. 4°01' W., 1.25 chs. dist.

Land, broken top of mesa with a general northwesterly exposure and drainage. Sandstone formation.

Soil, shallow loose sand, with a rocky surface; 4th. rate.

Undergrowth, sage and black brush, shadscale, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

From the cor. secs. 5, 6, 7, and 8.

N. 0°02' W., on random line, bet. secs. 5 and 6.

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

80.00 Set temp. lot cor.

104.75 Intersect the N. bdy. of the township, 12 lks. E. of the cor. secs. 5, 6, 31, and 32, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 23 S., R. 6 E., of this group.

Thence:

S. 0°06' E., on true line, bet. secs. 5 and 6.

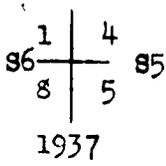
SUBDIVISION OF, T. 24 S., R. 6 E.

Chains

Over rolling mesa land, through medium dense timber and scattered undergrowth.

24.75 On gradual NW. slope.

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 8 sec. 6, with brass cap marked



from which

A pinon, 12 ins. diam., bears S. 83° E., 169 lks. dist., marked L5 S5 BT.

A juniper, 14 ins. diam., bears N. 15°30' W., 242 lks. dist., marked L1 S5 BT.

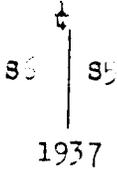
28.00 Low ridge, 40 ft. high, bears N. 60° E. and S. 60° W.

46.00 Top of gradual descent over S. slope, bears E. and W.

55.40 Top of N. rim of deep rocky gulch, bears E. and W.; descend abrupt ledgy S. slope.

64.75 Near bottom of gulch.

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 $\frac{1}{4}$ sec. cor., with brass cap marked



deposit a sandstone, 9 x 9 x 3 ins., at base of post, marked X.

No suitable bearing trees available.

65.30 Bottom of gulch, 420 ft. below ridge, drains S. 60° E.; ascend steep ledgy N. slope.

71.20 Top of S. rim of gulch, 350 ft. above bottom, bears E. and W.; thence over rolling mesa land.

104.75 The cor. secs. 5, 6, 7, and 8.

Land, rolling and broken, with a general northwesterly and easterly exposure and drainage. Sandstone formation.

Soil, shallow sand with a rocky surface; 4th rate.

Undergrowth, sage and black brush, mountain rush, shadscale, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

GENERAL DESCRIPTION, T. 24 S., R. 6 E.

The land within the boundaries of T. 24 S., R. 6 E., in most places is rough broken shale, clay, and sandstone breaks, and has a general easterly exposure and drainage. The northwest portion of the township, consists of the broken top, and east and south breaks of a high mesa, and is about 700 feet above the remaining portion of the township, which consists mostly of clay flats, shale breaks, and sandstone rims.

The soil consists of a shallow blue clay, underlain with shale or sandstone, and may be classified as 4th rate. In places the surface is covered with volcanic boulders and pieces of flint of many colors. The soil contains very little humus and vegetable matter.

The only timber found in the township is a medium dense growth of scrub juniper and pinon, found on the high mesa land in the northwest portion of the township, which has no commercial value.

The undergrowth consists of a very scattered growth of sage and black brush, mountain rush, greasewood, shadscale yellow top, and weeds.

No permanent water was found in the township, but at the time of the survey, intermittent seeps of alkali water were found along the bottom of Willow Spring Wash. This wash enters the township on the west boundary of section 19 and flows in an easterly direction, leaving the township on the east boundary of section 13.

A road over which automobiles can travel, bears in a northerly direction through the southwest portion of the township to Utah State Highway No. 10, and a southerly direction to Jeffery's Ranch and an oil well. A dim old wagon road was found in the northeast portion of the township.

No portion of the township is suitable for farming and no improvements or settlers were on it at the time of the survey.

From the surface indications found, it is possible that the high mesa land in the northwest portion of the township is underlain with coal.

The township is a poor grazing range for stock as it has but very little vegetation and water.

The north boundary of section 2 can be reached by auto over a rough road from Emery, Utah, and the southwest portion of the township can be reached by auto over the road from Utah State Highway No. 10, to Jeffery's Ranch and an oil well.

Except the surface indications of coal in the northwest portion of the township, no other indications of mineral, oil, or oil shale were found.

The mean magnetic declination was found to be 16°35' E.

FIELD ASSISTANTS

NAMES	CAPACITY
Edward Eliason	Principal Assistant
Ulysses S. Gardner	Chainman
Donald B. Stringfellow	Chainman
Jack Buttrey	Flagman
LeRoy Pullman	Cornerman
O.V. Anderson, Jr.	Cornerman
Richard G. Callaway	Axman
Max Ford	Axman

CERTIFICATE OF ~~UNITED STATES SURVEYOR~~

I, Elliot Bird, Surveyor, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 4th day of June 1934 received from the district cadastral engineer for Utah supplement instructions dated May 25, 1937, I have surveyed the east and south boundary and subdivision, and dependently resurveyed a portion of the west boundary, of T. 24 S., R. 6 E.,

of the Salt Lake Meridian, in the State of Utah, which is represented in the foregoing field notes as having been executed by me and under my direction; and that a 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. Elliot Bird Surveyor. March 19, 1938.

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,
Denver, Colorado. AUG 14 1941, 19...

The foregoing field notes of the survey of the east and south boundaries and subdivision, and dependent resurvey of a portion of the west boundary of T. 24 S., R. 6 E.,

executed by Elliot Bird, Surveyor under special instructions dated June 4, 1934 supplement instructions dated May 25, 1937, and assignment, 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.

Charles H. 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.

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Page



UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK A-521

E

FIELD NOTES

RECEIVED

U. S. Department of the Interior
Public Survey Office
Salt Lake City, Utah

OF THE DEPENDENT RESURVEY OF THE EAST BOUNDARY OF T.25 S., R.3 E.;

THE INDEPENDENT RESURVEY OF PORTIONS OF THE EAST BOUNDARY;

THE DEPENDENT RESURVEY OF PORTIONS OF THE EAST BOUNDARY,

THE FIFTH STANDARD PARALLEL SOUTH THROUGH RANGE 4 EAST, AND SUBDIVISIONS;

THE ESTABLISHMENT OF QUARTER SECTION CORNERS BETWEEN CLOSING CORNERS ON

THE NORTH BOUNDARY, AND EXTENSION SURVEY COMPLETING THE SUBDIVISIONS OF

TOWNSHIP 25 SOUTH, RANGE 4 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Ralph Gentry, Cadastral Engineer.

Under special instructions dated June 4, 1934, which provided

for the surveys included under Group No. 259, Utah, bearing the approval of the

Commissioner of the General Land Office under date of June 26, 1934.

and assignment instructions dated May 12, 1936.

Survey commenced May 19, 1936

Survey completed July 7, 1936

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								12		11		11			
								15 ¹⁶¹		13		12			

The survey of T. 25 S., R. 4 E., Salt Lake Meridian, Utah, was executed with Buff and Buff solar transit No. 8028, and is the property of the General Land Office. The instrument is equipt with Smith solar attachment and has a full vertical circle. The horizontal plate has 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 circle.

The instrument was approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in assignment instructions dated May 19, 1936.

I examined all the adjustments of the instrument before making the following observations, and found them to be satisfactory. The instrument was kept in good adjustment during the progress of the survey, and was frequently tested on meridians determined by observations made upon Polaris, to insure the continued accuracy of the solar attachment.

The bearings of the lines of the survey were determined by the solar transit method. The measurements were made with a Lallie steel ribbon tape 5 chains in length, 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 correct. The measurements were made on the the slope, the vertical angle determined with large improved clinometers, and the slope measurements properly reduced to true horizontal distances which appear in the field record.

The computed latitude and longitude from that given with the special instructions for the survey of this township, gives the geographic position of the southeast corner of the township, as being in latitude $38^{\circ}35'$ N., and longitude $111^{\circ}28'$ W.

May 19, 1936: Stationed near the center of sec. 22, T. 25 S., R. 4 E., in approximate latitude $38^{\circ}37'$ N., longitude $111^{\circ}28'$ W., 4h 55.4m a.m. local mean time, I make an hour angle observation upon 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 small tree on the skyline about 2 miles to the N. of my station, in a clockwise direction to the star.

Watch time of observation (correct 195th	
Meridian standard time.....	5h 21.3 m a.m.
Horizontal deflection angle, tree to star	$1^{\circ}17'$
Azimuth of Polaris.....	$1^{\circ}17'$ W.
True bearing to tree.....	North

In order to verify the latitude of the station and to check the setting of my watch, I make a meridian observation of the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude.....	$71^{\circ}15'$
Reduced latitude.....	$38^{\circ}37'$ N.
Mean watch time of observation.....	12h 22.4m p.m.
Watch fast of local mean time.....	0h 25.9m

Every hour from 7.00 a.m. to 5.00 p.m., I make the proper settings on the arcs of the solar attachment and observe the sun, and ascertain that the resulting orientation of the instrument, when compared with the meridian obtained by the above Polaris observation, has a maximum error of less than $1'00''$.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R.

Chains

Independent resurvey superseding the survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

From the standard cor. T. 25 S., Rs. 4 and 5 E., hereinafter described.

North, on random line, along the E. bdy. of T. 25 S., R. 4 E., and at:

153.63 Fall 5.47 chs. E. of the cor. secs. 19, 24, 25, and 30, a trachyte, 9 x 6 x 6 ins. above the ground, firmly set marked 4 notches on N. edge and 2 notches on S. edge. C has no accessories.

At the cor. point:

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. secs. 19, 24, 25, and 30, with brass cap marked

T25S	
R4E	R5E
S24	S19
S25	S30

1936

from which

A juniper, 12 ins. diam., bears N. 41°15' E., 57 lks. dist., marked T25S R5E S19 BT.

A juniper, 10 ins. diam., bears S. 25° E., 17 lks. dist., marked T25S R5E S30 BT.

A juniper, 14 ins. diam., bears S. 76°45' W., 77 lks. dist., marked T25S R4E S25 BT.

A juniper, 8 ins. diam., bears N. 79° W., 68 lks. dist., marked T25S R4E S24 BT.

Thence, from the above cor.

South, on true line, bet. secs. 25 and 30.

Ascend gradual N. slope of rolling mountainous land, through dense timber and scattered undergrowth.

4.10 Spur, 20 ft. above cor., projects SW.; descend gradual S. slope.

20.70 Top of vertical sandstone rim and abrupt descent over broken nearly inaccessible sandstone ledges, bears E. and W. Leave timber, bears with rim.

38.63 On broken S. breaks of mountainous land, 750 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

825 | S30

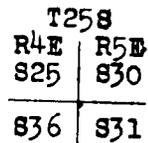
1936

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

- 48.00 Blue clay spur, projects SE.; thence descend along steep W. slope.
 - 74.30 Junction of draws, 500 ft. below the $\frac{1}{4}$ sec. cor., drains S. 60° E. from N. 10° W. and NW.; thence descend gradually along E. slope.
 - 78.63 On broken E. slope, 70 ft. below junction of draws.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 25, 30, 31, and 36, with brass cap marked



1936

raise a

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

Land, rough and mountainous, with a general southerly exposure and drainage. Sandstone and blue shale formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, greasewood, and weeds.

Timber, juniper and pinon on N. portion of mile.

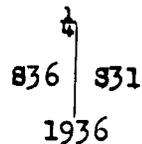
Fair grazing land.

South, bet. secs. 31 and 36.

Ascend gradually along broken E. slope of breaks of high mountainous land to the NW., through scattered undergrowth.

- 4.70 Blue shale spur, 20 ft. above cor., projects E.; descend abrupt S. slope.
- 8.90 Large draw, 80 ft. below spur, drains E.; ascend steep N. slope.
- 16.00 Enter medium dense juniper and pinon timber, bears E. and W.
- 23.00 Enter broken top of bench land, bears E. and W.
- 40.00 On top of broken bench land, 310 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 juniper, 8 ins. diam., bears S. 59°30' E., 84 lks. dist., marked $\frac{1}{4}$ S31 BT.

A juniper, 6 ins. diam., bears S. 17°30' W., 58 lks. dist., marked $\frac{1}{4}$ S36 BT.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

- 47.50 Top of ascent on bench, bears N. 70° W. and S. 60° E.; continue over broken top of bench.
- 61.10 Top of S. rim of bench, bears E. and W.; descend abrupt slope.
- 74.70 Bottom of deep draw, 370 ft. below the $\frac{1}{4}$ sec. cor., drain N. 80° E.; ascend abrupt NW. slope.
- 80.00 Intersect the fifth standard parallel south, N. 89°50' W. 5.47 chs. dist. from the standard cor. of T. 25 S., Rs. 4 and 5 E., a sandstone, 20 x 18 x 13 ins., firmly set, marked 6 notches on N., S., E., and W. edges. Cor. has no accessories.
I change this cor. to an angle point by marking the W. face of the cor. monument AP.

At point of intersection; on abrupt NW. slope, 170 ft. above draw.

Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground to solid rock and in a large mound of stone to top for the closing standard cor. T. 25 S., Rs. 4 and 5 E., with brass cap marked

SO
T25S
00
R4E R5E
S36 S31

1936

sandstone, 9 x 8 x 8 ins., at base of post, marked X. deposit a

No suitable bearing tree available.

Note: In the original survey of these two miles, no cors. were set bet. the standard cor. of T. 25 S., Rs. 4 and 5 E. and the cor. secs. 19, 24, 25, and 30.

Land, rough and mountainous, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, greasewood, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1890.

Random Lines.

From the cor. of secs. 19, 24, 25, and 30, heretofore described.

North, bet. secs. 19 and 24.

DEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

- 40.22 Fall 31 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 19 and 24, hereinafter described.
- The course of this half mile therefore is, N. $0^{\circ}27'$ E., and the distance is 40.22 chs.
- From the $\frac{1}{4}$ sec. cor., North, with new measurement.
- 40.20 Fall 5 lks. W. of the cor. secs. 13, 18, 19, and 24, hereinafter described.
- The course of this half mile therefore is, N. $0^{\circ}04'$ E., and the distance is 40.20 chs.
-
- From the cor. secs. 13, 18, 19, and 24.
- North, bet. secs. 13 and 18.
- 39.87 Fall 48 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 13 and 18, hereinafter described.
- The course of this half mile therefore is, N. $0^{\circ}41'$ E., and the distance is 39.87 chs.
- From the $\frac{1}{4}$ sec. cor., North, with new measurement.
- 39.65 Fall 17 lks. E. of the cor. secs. 7, 12, 13, and 18, hereinafter described.
- The course of this half mile therefore is, N. $0^{\circ}15'$ W., and the distance is 39.65 chs.
-
- Thence, from the cor. secs. 19, 24, 25, and 30.
- N. $0^{\circ}27'$ E., on true line, bet. secs. 19 and 24.
- Descend gradual NW. slope of broken mountainous land, through dense timber and scattered undergrowth.
- 3.30 Draw, 70 ft. below cor., drains SW.; ascend gradual S. slope.
- 9.70 Ridge, 70 ft. above draw, bears N. 70° E. and S. 80° W.; descend gradual N. slope.
- 35.00 Draw, 30 ft. below ridge, drains S. 80° W.; ascend gradual SE. slope.
- 40.22 The $\frac{1}{4}$ sec. cor. secs. 19 and 24, a trachyte, 12 x 8 x 6 ins. above ground, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.
- At the cor. point, on gradual SE. slope, 20 ft. above draw.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. secs. 19 and 24, with brass cap marked

$$\frac{1}{4}$$

S24 | S19

1936

from which

DEPENDENT RESURVEY PORTION EAST BOUNDARY, ET. THENCE, 4

Chains

- A pinon, 8 ins. diam., bears N. 4°45' E., 318 lks. dist., marked $\frac{1}{4}$ S19 BT.
- A pinon, 6 ins. diam., bears S. 21°15' W., 234 lks. dist., marked $\frac{1}{4}$ S24 BT.
- 43.70 Thence N. 0°04' E., with continuous measurement. Spur, 10 ft. above the $\frac{1}{4}$ sec. cor., projects W.; descends gradual N. slope through scattered timber.
- 61.80 Small spur, projects W.
- 80.10 Small wash, 10 lks. wide, 3 ft. deep, drains N. 80° W.
- 80.42 The cor. secs. 13, 18, 19, and 24, a trachyte, 12 x 12 x 16 ins. above ground, firmly set, marked 3 notches on N. and S. edges. Cor. has no accessories.

At the cor. point; on gradual N. slope, 140 ft. below the spur at the 43.70 chs. 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 cor. secs. 13, 18, 19, and 24, with brass cap marked

T25S	
R4E	R5E
S13	S18
S24	S19

1936

from which

A juniper, 12 ins. diam.; bears S. 30°40' E., 440 lks. dist., marked T25S R5E S19 BT.

A juniper, 10 ins. diam., bears S. 11° W., 444 lks. dist., marked T25S R4E S24 BT.

No other suitable bearing trees available.

Land, broken and mountainous; with a general northwestern exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush; greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

N. 0°41' E., along the E. bdy. sec. 13.

Over rolling mountainous land, through scattered timber and undergrowth.

16.00 Timber becomes dense, bears E. and W.

38.00 Top of main ridge, 320 ft. above sec. cor., bears S. 60° and N. 70° W.; descend gradually over E. slope.

39.87 The $\frac{1}{4}$ sec. cor. originally set for secs. 13 and 18, a sandstone, 16 x 8 x 4 ins., lying on the ground, marked $\frac{1}{4}$ on top face. Cor. is witnessed by one bearing tree as follows.

DEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

A pinon, 10 ins. diam., bears S. 40°45' W., 43 lks. dist., marked $\frac{1}{4}$ S BT. I efface the marks on this bearing tree.

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 post, for $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked

$\frac{1}{4}$
S18

1936

from which

A pinon, 7 ins. diam., bears N. 26° E., 93 lks. dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 8 ins. diam., bears S. 57° E., 77 lks. dist., marked $\frac{1}{4}$ S18 BT.

Thence:

N. 0°15' W., with continuous measurement.

40.65

Point which is a southing of 40.00 chs. from the closing cor. of secs. 12 and 13.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked

$\frac{1}{4}$
S13

1936

from which

A pinon, 8 ins. diam., bears S. 67°30' W., 31 lks. dist., marked $\frac{1}{4}$ S13 BT.

A pinon, 6 ins. diam., bears N. 45° W., 62 lks. dist., marked $\frac{1}{4}$ S13 BT.

53.20

Draw, 100 ft. below ridge, drains E.; ascend steep SE. slope.

79.52

The cor. originally set for secs. 7, 12, 13, and 18, a trachyte, 12 x 8 x 5 ins. above ground, firmly set, marked 4 notches on S. edge and 2 notches on N. edge. Cor. is witnessed by two bearing trees as follows.

A pinon, 8 ins. diam., bears N. 31°30' E., 20 lks. dist., marked S7 T25S R5E BT.

A pinon, 10 ins. diam., bears S. 21° E., 15 lks. dist., marked S18 T25S R5E BT.

At the cor. point; on E. slope, 220 ft. above draw.

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 post, for cor. secs. 7 and 18, with brass cap marked

DEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

T25S	
R4E	R5E
	S7
S13	
	S18

1936

Land, rolling and mountainous, with a general westerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4

Independent resurvey superseding the survey executed by A.D. Ferron, U.S. Deputy Surveyor, in 1890.

From the cor. of secs. 7 and 18, T: 25 S., R. 5 E.

North, along the W. bdy. sec. 7.

Ascend gradually along E. slope of mountainous land, through dense timber and scattered undergrowth.

- 1.13 The closing cor. secs. 12 and 13, subsequently set at this point.
- 22.30 Top of main ridge, 110 ft. above the cor. secs. 7 and 18, bears N. 25° E. and S. 25° W.; descend along rocky W. slope
- 28.10 Bottom of depression in W. slope of ridge, drains W.; continue descent along W. slope.
- 35.40 Small draw, 150 ft. below ridge, drains SW.; ascend gradual SE. slope.
- 41.13 On gradual SE. slope, 30 ft. above draw.
Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a large mound of stone, for $\frac{1}{4}$ sec. cor. secs. 7 and 12, with brass cap marked

$\frac{1}{4}$
 S12 | S7

1936

from which

A juniper, 13 ins. diam., bears S. 36°15' E., 58 lks. dist., marked $\frac{1}{4}$ S7 BT.

A juniper, 10 ins. diam., bears S. 84°30' W., 25 lks. dist., marked $\frac{1}{4}$ S12 BT.

From this cor., the original $\frac{1}{4}$ sec. cor. secs. 7 and 12, bears S. 31°15' E., 1.29 chs. dist. Cor. is a trachyte, 12 x 10 x 10 ins., firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by two bearing trees.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

I efface the marks on the bearing trees and deposit the stone cor. at the base of the iron post.

47.60 Spur, 20 ft. high, projects W.; thence descend gradual N. slope.

75.70 From this point, a low saddle in top of main ridge, bears E., 5.00 chs. dist.

76.10 Small water course, drains S. 70° W.

81.13 On gradual N. slope, 230 ft. below the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 1, 6, 7, and 12, with brass cap marked

T25S	
R4E	R5E
S1	S6
S12	S7

1936

from which

A pinon, 9 ins. diam., bears N. 13°30' E., 23 lks. dist., marked T25S R5E S6 BT.

A pinon, 12 ins. diam., bears S. 34°45' E., 27 lks. dist., marked T25S R5E S7 BT.

A juniper, 8 ins. diam., bears S. 28°30' W., 106 lks. dist., marked T25S R4E S12 BT.

A juniper, 6 ins. diam., bears N. 70°30' W., 37 lks. dist., marked T25S R4E S1 BT.

From this cor., the original cor. of secs. 1, 6, 7, and 12, bears S. 38°30' E., 109 lks. dist. Cor. is a trachyte 18 x 14 x 10 ins., firmly set, marked 1 notch on N. edge and 5 notches on S. edge, and witnessed by a mound of stone W.

I remove the cor. monument and deposit same at the base of the iron post.

Land, rolling and mountainous, with a general westerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, sand, and gravel, with a rocky surface; 4th. rate..

Undergrowth, sage, buck, and service berry brush, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

North, bet. secs. 1 and 6.

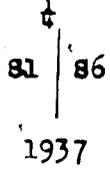
Descend gradually over rocky NW. slope of mountainous land, through dense timber and scattered undergrowth.

19.40 Slope changes from a gradual NW. slope to a steep N. slope.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

40.00 On rocky N. slope, 470 ft. below sec. cor. 1
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 juniper, 7 ins. diam., bears S. $53^{\circ}45'$ E., 55 lks. dist., marked $\frac{1}{4}$ S6 BT.

A pinon, 8 ins. diam., bears S. $71^{\circ}30'$ W., 20 lks. dist., marked $\frac{1}{4}$ S1 BT.

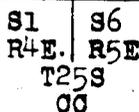
From this cor., the original $\frac{1}{4}$ sec. cor. secs. 1 and 6, bears S. $36^{\circ}30'$ E., 1.33 chs. dist. Cor. is a trachyte, 30 x 18 x 12 ins., marked $\frac{1}{4}$ on W. face, firmly set, and witnessed by one bearing tree.

I efface the marks on the bearing tree, and deposit the stone cor. monument at the base of the iron post.

- 41.80 Small draw, drains N. 70° W.
- 43.00 Small spur, projects W.
- 52.10 Small draw, drains N. 80° W.
- 55.70 Small spur, projects W.
- 63.90 Enter bottom lands of Last Chance Creek, bears NE. and SW
- 72.10 Last Chance Creek, stream of good water, 2 lks. wide, in large draw, 330 ft. below the $\frac{1}{4}$ sec. cor., flows N. 70° E.; continue over bottom lands of Last Chance Creek.
- 75.50 Improved road, bears NE. to Utah State Highway No. 10, and SW. to Fremont, Utah.
- 76.00 Leave bottom lands of Last Chance Creek and ascend steep S. slope, bears E. and W.
- 78.40 Intersect the S. bdy. of sec. 36, T. 24 S., R. 4 E.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for closing cor. of T. 25 S., Rs. 4 and 5 E., with brass cap marked

T24S R4E
S36



1936

from which

A pinon, 8 ins. diam., bears S. $57^{\circ}30'$ E., 64 lks. dist., marked T25S R5E S6 00 BT.

A pinon, 7 ins. diam., bears S. $57^{\circ}45'$ W., 62 lks. dist., marked T25S R4E S1 00 BT.

INDEPENDENT RESURVEY PORTION EAST BOUNDARY T. 25 S., R. 4 E.

Chains

From this cor., the original cor. of Ts. 24 and 25 S., Rs. 4 and 5 E., bears N. 62°30' E., 60 lks. dist. Cor. is a trachyte, 16 x 12 x 8 ins., firmly set, and marked 6 notches on all 4 edges. Cor. is witnessed by two bearing trees. I efface the marks on the bearing trees and deposit the cor. monument at the base of the iron post.

From the closing cor., the cor. of Ts. 24 and 25 S., Rs. 4 and 5 E., set during the survey of T. 24 S., R. 4 E., under group 143, Utah, bears East, 35.34 chs. dist. Cor. is an iron post, set; marked and witnessed as described in the official record of the survey of T. 24 S., R. 4 E. As this cor. will now only function for the cor. of T. 24 S., Rs. 4 and 5 E., I efface the marks on the iron post and bearing trees that pertain to sec. 1, T. 25 S., R. 4 E. and sec. 6, T. 25 S., R. 5 E.

From the closing cor., the $\frac{1}{4}$ sec. cor. set for secs. 1 and 36, bears West, 4.16 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. 24 S., R. 4 E., Group 143, Utah. I efface the marks on the bearing tree and cor. that pertain to sec. 1.

Closing cor. set on S. slope, 60 ft. above Last Chance Creek.

Land; rolling and mountainous, with a general northerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, greasewood, and weeds.

Timber, juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY PORTION FIFTH STANDARD PARALLEL SOUTH THROUGH R. 4 E.

Reestablishment of surveys executed by Ferdinand Dickert, U.S. Deputy Surveyor, in 1878.

Random Lines.

From the standard corner of T. 25 S., Rs. 4 and 5 E., which was changed to an angle point as heretofore described.

West, along the S. bdy. sec. 36.

- 5.47 Fall $1\frac{1}{2}$ lks. S. of the closing standard cor. of T. 25 S., Rs. 4 and 5 E., heretofore described.
- 8.10 Find no trace of the closing cor. of T. 26 S., Rs. 4 and 5 E.
- 40.00 Find no trace of the standard $\frac{1}{4}$ sec. cor. sec. 36.
- 80.00 Find no trace of the standard cor. secs. 35 and 36.
- 87.90 Find no trace of the closing cor. of secs. 1 and 2, T. 26 S., R. 4 E.

DEPENDENT RESURVEY PORTION FIFTH STANDARD PARALLEL SOUTH
THROUGH R. 4 E.

Chains

- 127.29 Fall 37 lks. S. of the standard $\frac{1}{4}$ sec. cor. sec. 35, hereinafter described.
The course of the line from the original standard cor. of T. 25 S., Rs. 4 and 5 E. to the standard $\frac{1}{4}$ sec. cor. sec. 35, therefore is, N. $89^{\circ}50'$ W., and the distance is 127.29 chs.
From the standard $\frac{1}{4}$ sec. cor. sec. 35,
West, with new measurement.
- 40.28 Fall 3 lks. S. of the standard cor. secs. 34 and 35, hereinafter described.
The course of the line from the standard $\frac{1}{4}$ sec. cor. sec. 35, to the standard cor. secs. 34 and 35, therefore is, N. $89^{\circ}58'$ W., and the distance is 40.28 chs.
From the standard cor. secs. 34 and 35.
West, along the S. bdy. sec. 34.
- 7.82 Find no trace of the closing cor. secs. 2 and 3, T. 26 S., R. 4 E.
- 34.45 Fall 10 lks. S. of the standard $\frac{1}{4}$ sec. cor. sec. 34, hereinafter described.
The course of this half mile therefore is, N. $89^{\circ}51'$ W., and the distance is 34.45 chs.
From the standard $\frac{1}{4}$ sec. cor. sec. 34.
West, with new measurement.
- 39.54 Fall 10 lks. N. of the standard cor. secs. 33 and 34, hereinafter described.
The course of this half mile therefore is, S. $89^{\circ}51'$ W., and the distance is 39.54 chs.

True Lines.

- From the closing standard cor. of T. 25 S., Rs. 4 and 5 E. heretofore described, which is N. $89^{\circ}50'$ W., 5.47 chs. dist. from the original standard cor. of T. 25 S., Rs. 4 and 5 E., which was changed to an angle point as heretofore described.
N. $89^{\circ}50'$ W., along the S. bdy. sec. 36.
Ascend gradually over broken general SE. breaks of mountainous land to the NW., through scattered undergrowth
- 1.00 Small wash; drains N.
- 4.60 Small spur, projects N.
- 13.90 Main wash, drains NE.
- 15.90 Small spur, projects S.
- 19.40 Recross wash, drains SE.
- 26.90 Blue clay spur, projects N.

DEPENDENT RESURVEY PORTION FIFTH STANDARD PARALLEL SOUTH THROUGH R. 4 E.

Chains

- 35.40 Recross main wash, drains NE.
- 37.30 Spur, 80 ft. above wash, projects S.
- 40.00 True point for the standard $\frac{1}{4}$ sec. cor. sec. 36, falls in bottom of main wash, 60 ft. below spur, drains SE., where it is impracticable to set a permanent cor.
- 42.10 On top of clay spur, 30 ft. above wash, projects N.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the standard $\frac{1}{4}$ sec. cor. sec. 36, with brass cap marked

SC
 $\frac{1}{4}$ S36 WC

1936

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 43.50 Recross main wash, drains NE.; ascend abrupt S. and SE. slopes.
- 70.90 Wash, drains S., about 7.00 chs. dist. to main wash.
- 77.20 Spur, 340 ft. above main wash, projects SE.; descend gradually along S. slope.
- 80.00 On steep shale S. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the standard cor. of secs. 35 and 36, with brass cap marked

S C	
T25S	R4E
S35	S36

1936

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Land, broken SE. breaks of mountainous land to the NW. Sandstone and shale formation.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, greasewood, yellow top, and weeds.

No timber.

Fair grazing land.

N. 89°50' W., along the S. bdy. sec. 35.

Ascend gradually along steep S. breaks of mountainous land to the NW., through scattered undergrowth.

- 8.90 Small draw, drains SE.

DEPENDENT RESURVEY PORTION FIFTH STANDARD PARALLEL SOUTH
THROUGH R. 4 E.

Chains

- 15.90 Ascent becomes more gradual and enter scattered timber, bears N. and SW.
- 40.00 On broken land, 640 ft. above the standard cor. secs. 35 and 36.
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 the standard $\frac{1}{4}$ sec. cor. sec. 35, with brass cap mark
- SC
 $\frac{1}{4}$ S35
- 1936
- from which
- A pinon, 7 ins. diam., bears N. 42° E., 25 lks. dist., marked SC $\frac{1}{4}$ S35 BT.
- A pinon, 6 ins. diam., bears N. 56°30' W., 14 lks. dist., marked SC $\frac{1}{4}$ S35 BT.
- 41.82 The original standard $\frac{1}{4}$ sec. cor. sec. 35, a trachyte, 18 x 12 x 6 ins., firmly set in the ground and mound of stone. No visible marks found on the corner monument. Cor. is witnessed by two bearing trees as follows.
- A juniper, 6 ins. diam., bears N. 86° E., 26 lks. dist., marked $\frac{1}{4}$ BT.
- A juniper, 8 ins. diam., bears N. 13°45' W., 30 lks. dist., marked $\frac{1}{4}$ BT.
- I change this cor. to an angle point by marking the bearing trees and the N. face of the cor. monument AP.
- Thence:
- N. 89°58' W., with continuous measurement.
- 53.90 The E. edge of a sagebrush opening, bears N. and S.
- 57.80 Small wash in sagebrush opening, drains S. 60° E.
- 61.10 The W. edge of sagebrush opening, bears N. and S.; ascend steep E. slope.
- 72.50 Slope changes from an abrupt E. slope to an abrupt SE. slope.
- 80.00 Spur, 400 ft. above the standard $\frac{1}{4}$ sec. cor. sec. 35, projects S.; descend gradual SW. slope.
- 82.10 The standard cor. of secs. 34 and 35, a trachyte, 24 x 18 x 14 ins., firmly set in the ground and mound of stone, upon which I find 5 grooves on its E. face. No other marks found on the cor. monument and cor. is unwitnessed.
- At the cor. point; on gradual SW. slope, 30 ft. below spur.
- Set an iron post, 3 ft. long, 2 ins. diam., 24 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 post, for the standard cor. secs. 34 and 35, with brass cap marked

DEPENDENT RESURVEY PORTION FIFTH STANDARD PARALLEL SOUTH
THROUGH R. 4 E.

Chains

S-C	
T25S	R4E
S34	S35

1936

from which

A pinon, 14 ins. diam., bears N. 20°30' E., 48 lks. dist., marked T25S R4E S35 SC BT.

A pinon, 12 ins. diam., bears N. 11°45' W., 94 lks. dist., marked T25S R4E S34 SC BT.

Land, broken general SE. breaks of mountainous land to the NW. Sandstone, shale, and volcanic formation.

Soil, shallow clay, gravel, and sand, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

Reestablishment of surveys executed by Ferdinand Dickert, U.S. Deputy Surveyor, in 1878, and retraced by Ferron and Jessen, U.S. Deputy Surveyors, in 1892.

N. 89°51' W., along the S. bdy. sec. 34.

Descend gradually over W. slope of broken general SE. breaks of mountainous land to the NW., through dense timber and scattered undergrowth.

- 6.00 Rocky draw, 10 ft. below cor., drains SE.; ascend abrupt ledgy E. slope.
- 21.60 Spur at top of ledges, 490 ft. above draw, projects S.; descend gradually.
- 24.20 Rocky draw, 40 ft. below spur, drains S.; ascend steep E. slope.
- 29.30 Spur at top of SE. breaks of mountainous land, 70 ft. above draw, projects S.; descend gradual W. slope of mountainous land.
- 34.45 The standard $\frac{1}{4}$ sec. cor. sec. 34, a sandstone, 15 x 10 x 4 ins., firmly set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.
- At the cor. point; on gradual W. slope, 20 ft. below spur.
- Set an iron post, 3 ft. long, 1 in. diam., 21 ins. in the ground to solid rock and in a large mound of stone to top, for the standard $\frac{1}{4}$ sec. cor. sec. 34, with brass cap marked

SC
$\frac{1}{4}$ S34

1936

from which

DEPENDENT RESURVEY PORTION FIFTH STANDARD PARALLEL SOUTH,
THROUGH R. 4 E.

Chains

A pinon, 10 ins. diam., bears N. 85°30' E., 187 lks. dist., marked SC $\frac{1}{4}$ S34 BT.

A mahogany, 9 ins. diam., bears N. 21° W., 179 lks. dist., marked SC $\frac{1}{4}$ S34 BT.

Thence:

S. 89°51' W., with continuous measurement.

59.30 Wash, 20 lks. wide, 15 ft. deep, in draw, 80 ft. below the standard $\frac{1}{4}$ sec. cor., drains S. 60° E.; small stream of good water in bottom of wash; ascend rocky E. slope.

71.00 Rocky spur, 190 ft. above draw, projects N. 10° E.; descend gradual W. slope.

73.22 On gradual W. slope, 50 ft. below spur; the standard cor. secs. 33 and 34, an iron post, 2 ins. diam., set, marked and witnessed as described in the official record of the survey of T. 25 S., R. 4 E., group 134, Utah.

Land, broken and mountainous, with a general southeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, sand, and gravel, with a rocky surface 4th rate.

Undergrowth, sage, rabbit, and black brush, yellow top, and weeds.

Timber, scrub juniper and pinon.

Fair grazing land.

DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 3 E.

Reestablishment of surveys executed by
A.D. Ferron, U.S. Deputy Surveyor,
in 1890.

Random Lines.

From the standard cor. of T. 25 S., R. 3 E., hereinafter described.

North, bet. secs. 31 and 36.

39.69 Fall 2 lks. W. of the standard closing cor. of Ts. 25 and 26 S., R. 4 E., hereinafter described.

47.09 Fall 40 lks. W. of the $\frac{1}{4}$ sec. cor. secs. 31 and 36, hereinafter described.

The course of this half mile therefore is, N. 0°34' E., and the distance is 40.09 chs.

From the $\frac{1}{4}$ sec. cor.; North, with new measurement.

40.17 Fall 2.03 chs. W. of the cor. secs. 25, 30, 31, and 36, hereinafter described.

The course of this half mile therefore is, N. 2°54' E., and the distance is 40.22 chs.

From the cor. secs. 25, 30, 31, and 36.

3 DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 3 E.

Chains

North, bet. secs. 25 and 30.

40.02 Fall 38 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 25 and 30, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}33'$ W., and the distance is 40.02 chs.

From the $\frac{1}{4}$ sec. cor.; North, with new measurement.

39.82 Fall 1.67 chs. W. of the cor. secs. 19, 24, 25, and 30, hereinafter described:

The course of this half mile therefore is, N. $2^{\circ}24'$ E., and the distance is 39.86 chs.

From the cor. secs. 19, 24, 25, and 30.

North, bet. secs. 19 and 24.

40.08 Fall 30 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 19 and 24, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}26'$ W., and the distance is 40.08 chs.

From the $\frac{1}{4}$ sec. cor.; North, with new measurement.

40.04 Fall 89 lks. E. of the cor. secs. 13, 18, 19, and 24, hereinafter described.

The course of this half mile therefore is, N. $1^{\circ}16'$ W., and the distance is 40.05 chs.

From the cor. secs. 13, 18, 19, and 24.

North, bet. secs. 13 and 18.

40.03 Fall 71 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 13 and 18, hereinafter described.

The course of this half mile therefore is, N. $1^{\circ}01'$ W., and the distance is 40.04 chs.

From the $\frac{1}{4}$ sec. cor.; North, with new measurement.

40.30 Fall 19 lks. E. of the cor. secs. 7, 12, 13, and 18, hereinafter described.

The course of this half mile therefore is, N. $0^{\circ}16'$ W., and the distance is 40.30 chs.

From the cor. secs. 7, 12, 13, and 18.

North, bet. secs. 7 and 12.

40.94 Fall 2.23 chs. E. of the $\frac{1}{4}$ sec. cor. secs. 7 and 12, hereinafter described.

The course of this half mile therefore is, N. $3^{\circ}11'$ W., and the distance is 40.10 chs.

From the $\frac{1}{4}$ sec. cor.; North, with new measurement.

DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 3 E.

Chains

40.02 Intersect the cor. secs. 1, 6, 7, and 12, hereinafter described.

The course of this half mile therefore is, North, and the distance is 40.02 chs.

From the cor. secs. 1, 6, 7, and 12.

North, bet. secs. 1 and 6.

40.17 Fall 83 lks. E. of the $\frac{1}{4}$ sec. cor. secs. 1 and 6, hereinafter described.

The course of this half mile therefore is, N. 1°11' W., and the distance is 40.18 chs.

From the $\frac{1}{4}$ sec. cor.; North, with new measurement.

39.90 Fall 23 lks. W. of the cor. Ts. 24 and 25 S., Rs. 3 and 4 E., hereinafter described.

The course of this half mile therefore is, N. 0°20' E., and the distance is 39.90 chs.

True Lines.

From the standard cor. of T. 25 S., R. 3 E., an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 26 S., R. 4 E. group 184, Utah.

N. 0°34' E., along the E. bdy. sec. 36, T. 25 S., R. 3 E.

Ascend gradual SE. slope of high rolling mountainous land, through dense aspen timber and scattered undergrowth

2.69 The standard closing cor. of Ts. 25 and 26 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. 26 S. R. 4 E., group 184, Utah.

4.00 Top of small rise, 10 ft. above the standard cor. of T. 25 S., R. 3 E., bears N. 80° W. and S. 80° E.; descend gradual NE. slope.

9.00 Dim wood road, bears NE. and SW.

12.70 Draw, 30 ft. below rise, drains S. 55° E.; ascend gradual SW. slope.

21.00 Spur, 40 ft. above draw, projects S. 75° E.; thence along gradual E. slope.

40.09 The $\frac{1}{4}$ sec. cor. originally set for secs. 31 and 36, a trachyte, 14 x 12 x 10 ins., firmly set in the ground and mound of stone, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by one bearing tree as follows.

An aspen, 5 ins. diam., bears N. 25°15' W., 28 lks. dist., marked $\frac{1}{4}$ S36 BT.

At the cor. point;

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 36, with the original cor. monument deposited at the base of post, with brass cap marked

Chains

1
S36

1936

I mark an additional bearing tree to cor. as follows.

An aspen, 12 ins. diam., bears S. 51°30' W., 27 lks. dist., marked $\frac{1}{4}$ S36 BT.

Thence:

N. 2°54' E., with continuous measurement.

42.66

Point midway bet. the closing standard cor. of Ts. 25 and 26 S., R. 4 E., and the closing cor. of secs. 30 and 31.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 31, with brass cap marked

1
S31

1936

from which

A spruce, 8 ins. diam., bears N. 15° E., 79 lks. dist., marked $\frac{1}{4}$ S31 BT.

A spruce, 8 ins. diam., bears S. 35° E., 26 lks. dist., marked $\frac{1}{4}$ S31 BT.

46.20

Unimproved road, bears NW. and SE., in bottom of shallow swale, drains SE.

52.00

Leave timber, bears E. and W.

62.20

Enter dense aspen and spruce timber, bears E. and W.

63.70

Small ridge, bears SE. and NW.; descend gradual N. slope.

77.00

Draw, 60 ft. below ridge, drains SE.; ascend gradual S. slope.

80.31

The cor. originally set for secs. 25, 30, 31, and 36, a trachyte, 26 x 14 x 5 ins., firmly set, marked 5 notches on N. edge and 1 notch on S. edge. Cor. has no accessories.

At the cor. point; on gradual S. slope, 30 ft. above draw.

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. 25 and 36, with brass cap marked

T25S	
R3E	R4E
S25	S31
S36	

1936

from which

A spruce, 12 ins. diam., bears S. 69°30' W., 111 lks. dist., marked T25S R3E S36 BT.

Chains

201570

An aspen, 6 ins. diam., bears N. 66° W., 26 lks. dist., marked T258 R3E S25 BT.

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, short sagebrush, yellow top, and weeds.

Timber, aspen and spruce on portions of mile.

Good grazing land.

N. 0°33' W., along the E. bdy. sec. 25.

Along general E. slope of high rolling mountainous land, through dense timber and scattered short undergrowth.

- 2.36 The closing cor. of secs. 30 and 31, subsequently set at this point.
- 10.50 Low spur, projects SE.; descend gradual NE. slope.
- 19.50 Draw, 80 ft. below spur, drains SE.; ascend gradually.
- 30.20 Spur, 80 ft. above draw, projects SE.; descend gradually.
- 40.02 The $\frac{1}{4}$ sec. cor. originally set for secs. 25 and 30, a trachyte, 12 x 8 x 6 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point: on gradual NE. slope, 70 ft. below spur

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 $\frac{1}{4}$ sec. cor. sec. 25, with brass cap marked

$\frac{1}{4}$
S25

1936

from which

A spruce, 14 ins. diam., bears S. 81° W., 16 lks. dist., marked $\frac{1}{4}$ S25 BT.

A spruce, 7 ins. diam., bears N. 27° W., 22 lks. dist., marked $\frac{1}{4}$ S25 BT.

Thence:

N. 2°24' E., with continuous measurement.

- 2.34 Point midway bet. the closing cors. of secs. 19 and 30, and secs. 30 and 31.

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

$\frac{1}{4}$
S30

1936

from which

DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 3 E.

Chains																			
	A spruce, 12 ins. diam., bears N. 44° E., 34 lks. dist., marked $\frac{1}{4}$ S30 BT.																		
	A spruce, 8 ins. diam., bears S. 27°30' E., 30 lks. dist., marked $\frac{1}{4}$ S30 BT.																		
58.30	Bottom of main draw, drains SE.; ascend steep SW. slope.																		
61.50	Leave timber, bears NW. and SE.																		
71.70	Enter dense timber, bears NW. and SE.																		
79.88	The cor. originally set for secs. 19, 24, 25, and 30, a trachyte 20 x 18 x 12 ins., firmly set, marked 4 notches on N. edge and 2 notches on S. edge. Cor. has no accessories.																		
	At the cor. point; on gradual SW. slope, 215 ft. above draw.																		
	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. secs. 24 and 25, with brass cap marked																		
	<table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>T25S</td><td></td></tr> <tr><td></td><td>R3E</td><td>R4E</td></tr> <tr><td></td><td>S24</td><td></td></tr> <tr><td></td><td colspan="2" style="border-top: 1px solid black;">S30</td></tr> <tr><td></td><td>S25</td><td></td></tr> <tr><td></td><td>1936</td><td></td></tr> </table>		T25S			R3E	R4E		S24			S30			S25			1936	
	T25S																		
	R3E	R4E																	
	S24																		
	S30																		
	S25																		
	1936																		
	from which																		
	A spruce, 12 ins. diam., bears S. 51°30' W., 65 lks. dist., marked T25S R3E S25 BT.																		
	An aspen, 3 ins. diam., bears N. 13° W., 45 lks. dist., marked BT.																		
	Land, rolling and mountainous with a general southeasterly exposure and drainage. Volcanic formation.																		
	Soil, shallow clay and gravel, with a rocky surface; 4th rate.																		
	Undergrowth, sage and buck brush, yellow top, and weeds.																		
	Timber, aspen and spruce on portions of mile.																		
	Good grazing land.																		
	N. 0°26' W., along the E. bdy. sec. 24.																		
	Ascend gradual SW. slope of high rolling mountainous land, through dense timber and scattered undergrowth.																		
2.48	The closing cor. of secs. 19 and 30, subsequently set at this point.																		
10.60	Spur, projects SE.; thence over rolling land.																		
35.90	Draw, drains SE.; ascend gradual S. slope.																		
40.08	The $\frac{1}{4}$ sec. cor. originally set for secs. 19 and 24, a trachyte, 15 x 12 x 8 ins., firmly set in a small mound of stone, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.																		

DEPENDENT RESURVEY WEST BOUNDARY, T. 25 S., R. 5 E.

Chains

At the cor. point; on gradual S. slope, 70 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 $\frac{1}{4}$ sec. cor. sec. 24, with brass cap marked

$\frac{1}{4}$
S24

1936

from which

A spruce, 12 ins. diam., bears S. 67° W., 99 lks. dist., marked $\frac{1}{4}$ S24 BT.

An aspen, 10 ins. diam., bears N. 38° W., 19 lks. dist., marked $\frac{1}{4}$ S24 BT.

Thence:

N. 1°16' W., with continuous measurement.

42.51 Point midway bet. the closing cors. of secs. 18 and 19, and secs. 19 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 19, with brass cap marked

$\frac{1}{4}$
S19

1936

from which

An aspen, 7 ins. diam., bears N. 36° E., 15 lks. dist., marked $\frac{1}{4}$ S19 BT.

An aspen, 5 ins. diam., bears S. 40° E., 30 lks. dist., marked $\frac{1}{4}$ S19 BT.

77.10 Timber becomes scattered, bears NW. and SE.

30.13 The cor. originally set for secs. 13, 18, 19, and 24, a trachyte, 20 x 18 x 12 ins., firmly set in a small mound of stone, marked 6 notches on E. edge. No other marks found on stone. Cor. has no accessories.

At the cor. point; on rolling mountainous land, 220 ft. above the $\frac{1}{4}$ sec. cor. sec. 24.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 13 and 24, with the original cor. monument deposited at the base of the post, with brass cap marked

T258

S13

R4E

S19

S24

1936

from which

An aspen, 12 ins. diam., bears S. 78° W., 125 lks. dist., marked T258 R4E S24 BT.

DEPENDENT RESURVEY EAST BOUNDARY, T. 25-S., R. 3-E.

Chains

An aspen, 7 ins. diam., bears N. 49°30' W., 119 lks. dist., marked T25S R3E S13 BT.

Land, high, rolling, and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel; with a rocky surface; 4th rate.

Undergrowth, sage, rabbit, and black brush, yellow top, and weeds.

Timber, aspen and spruce.

Good grazing land.

N. 1°01' W., along the E. bdy. sec. 13.

Ascend gradually over rolling mountainous land, through scattered timber and undergrowth.

2.42 The closing cor. of secs. 18 and 19, subsequently set at this point.

6.60 Leave timber, bears E. and W.

12.70 Enter dense timber, bears SE. and SW.

31.00 Leave timber, bears E. and W.

33.70 Trail, bears NW. and SE.

40.04 The $\frac{1}{4}$ sec. cor. originally set for secs. 13 and 18, a trachyte, 12 x 10 x 6 ins., firmly set, marked $\frac{1}{4}$ on W. face. Cor. has no accessories.

At the cor. point, at the S. edge of dense timber, bears E. and W., 290 ft. above the cor. secs. 13 and 24.

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 $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked

$\frac{1}{4}$
S13

1936

from which

An aspen, 6 ins. diam., bears S. 44° W., 26 lks. dist., marked $\frac{1}{4}$ S13 BT.

An aspen, 4 ins. diam., bears N. 61° W., 16 lks. dist., marked $\frac{1}{4}$ S13 BT.

Thence:

N. 0°16' W., with continuous measurement.

42.42 Point midway bet. the closing cors. of secs. 7 and 18, and secs. 18 and 19.

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 $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked

DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 3 E.

Chains

1/4
S18

1936

from which

An aspen, 6 ins. diam., bears N. 47° E., 6 lks. dist., marked 1/4 S18 BT.

An aspen, 5 ins. diam., bears S. 40° E., 16 lks. dist., marked 1/4 S18 BT.

44.50 Leave timber, bears E. and W.; thence over barren rocky opening.

52.50 Enter dense timber, bears NW. and SE.

56.40 Top of ridge, 170 ft. above the 1/4 sec. cor. sec. 13, bears NW. and SE.; descend abrupt N. slope, over sliderock.

61.60 Descent becomes gradual, bears E. and W.

66.60 Slope changes from a gradual N. slope to a gradual E. slope.

70.60 Old trail, bears NW. and SE.

79.70 Top of rocky outcropping, 10 ft. high.

80.34 The cor. originally set for secs. 7, 12, 13, and 18, a trachyte, 20 x 18 x 6 ins., firmly set, marked 6 notches on E. edge and 4 notches on S. edge. Cor. is witnessed by one bearing tree as follows.

An aspen, 8 ins. diam., bears S. 43° W., 8 lks. dist., marked T25S R3E.

At the cor. point; on rolling E. slope, 130 ft. below ridge

Set an iron post, 3 ft. long, 2 ins. diam., 27 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 post, for cor. secs. 12 and 13, with brass cap marked

T25S	
R3E	R4E
S12	S18
S13	

1936

from which

A spruce, 6 ins. diam., bears S. 72° W., 22 lks. dist., marked T25S R3E S13 BT.

A spruce, 8 ins. diam., bears N. 47° 15' W., 36 lks. dist., marked T25S R3E S12 BT.

Land, rolling and mountainous, with a general southeasterly and northeasterly exposure and drainage. Volcanic formation

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, yellow top, and weeds.

Timber, groves of dense aspen and spruce.

Good grazing land.

DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 3 E.

Chains

N. 3°11' W., along the E. bdy. sec. 12.

Over rolling mountainous land, through scattered timber and undergrowth.

2.08 The closing cor. of secs. 7 and 18, subsequently set at this point.

30.00 Leave timber, bears E. and NW.

37.30 Enter dense timber, bears E. and W.

40.10 The 1/4 sec. cor. originally set for secs. 7 and 12, a trachyte, 12 x 10 x 8 ins., above ground, firmly set, marked 1/4 on W. face. Cor. has no accessories.

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 1/4 sec. cor. sec. 12, with brass cap marked

1/4
S12

1936

from which

An aspen, 5 1/2 ins. diam., bears S. 29°30' W., 27 lks. dist., marked 1/4 S12 BT.

An aspen, 6 ins. diam., bears W. 50° W., 21 lks. dist., marked 1/4 S12 BT.

Thence:

North, with continuous measurement.

42.14 Point midway bet. the closing cors. of secs. 6 and 7, and secs. 7 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to solid rock and in a large mound of stone to top, for 1/4 sec. cor. sec. 7, with brass cap marked

1/4
S7

1936

from which

A balsam, 8 ins. diam., bears N. 62°30' E., 35 lks. dist., marked 1/4 S7 BT.

A balsam, 5 ins. diam., bears S. 44° E., 14 lks. dist., marked 1/4 S7 BT.

49.50 Center of small grassy opening.

80.12 The cor. originally set for secs. 1, 6, 7, and 12, a trachyte, 12 x 3 x 6 ins. above ground, firmly set, marked 6 notches on E. edge and 5 notches on S. edge. Cor. is witnessed by two bearing trees as follows.

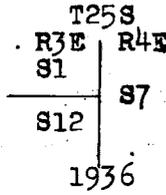
An aspen, 8 ins. diam., bears S. 82° W., 21 lks. dist., marked T25S R3E S12 BT.

An aspen, 10 ins. diam., bears N. 19°45' E., 12 lks. dist., marked T25S R4E S6 BT. I efface the marks on this tree.

Chains

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 26 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. secs. 1 and 12, with brass cap marked



I mark an additional bearing tree to cor. as follows.

A spruce, 30 ins. diam., bears N. 47° W., 21 lks. dist., marked T25S R3E S1 BT.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, yellow top, and weeds.

Timber, aspen, spruce, and balsam on portions of mile.

Good grazing land.

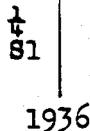
N. 1°11' W., along the E. bdy. sec. 1.

Over rolling high mountainous land, through dense timber and scattered short undergrowth.

- 2.02 The closing cor. of secs. 6 and 7, subsequently set at this point.
- 9.00 Leave timber and begin gradual descent over rocky N. slope bears E. and W.
- 32.00 Enter dense aspen timber, bears E. and SW.
- 35.65 A blazed Forest Service trail, bears NW. and SE.
- 40.13 The $\frac{1}{4}$ sec. cor. originally set for secs. 1 and 6, a trachyte, 10 x 8 x 6 ins. above the ground, firmly set, marked $\frac{1}{4}$, on W. face. Cor. has no accessories.

At the cor. point; on rocky E. slope, 170 ft. below the cor. of secs. 1 and 12.

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 $\frac{1}{4}$ sec. cor. sec. 1, with brass cap marked



from which

An aspen, 6 ins. diam., bears S. 28° W., 10 lks. dist., marked $\frac{1}{4}$ S1 BT.

DEPENDENT RESURVEY EAST BOUNDARY, T. 25 S., R. 4 E.

Chains

An aspen, 8 ins. diam., bears N. 41° W., 40 lks. dist., marked $\frac{1}{4}$ S1 BT.

Thence:

N. 0°20' E., with continuous measurement.

42.03

Point which is a northing of 40.00 chs. from the closing cor. of secs. 6 and 7.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 6, with brass cap marked

$\frac{1}{4}$
S6

1936

from which

An aspen, 6 ins. diam., bears N. 30° E., 19 lks. dist., marked $\frac{1}{4}$ S6 BT.

An aspen, 4 ins. diam.; bears S. 41° E., 8 lks. dist., marked $\frac{1}{4}$ S6 BT.

49.20

Rocky draw, 100 ft. below the $\frac{1}{4}$ sec. cor. sec. 1, drains SE; ascend gradually along E. slope.

51.10

Leave timber, bears E. and W.

57.70

Enter timber, bears E. and W.

80.08

The cor. of Ts. 24 and 25 S., Rs. 3 and 4 E., which is a trachyte, set, marked; and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., group 143, Utah.

Cor. is on gradual E. slope, 240 ft. above draw.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen, spruce, and balsam on portions of mile.

Good grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Reestablishment of surveys executed by Ferron and Jessen, U.S. Deputy Surveyors, in 1895.

The cor. originally set for secs. 23, 24, 25, and 26, is a sandstone, 16 x 12 x 8 ins., above ground, firmly set, marked 1 notch on E. edge and 2 notches on S. edge. Cor. has no accessories.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. secs. 23 and 24, with the original cor. monument deposited at the base of the post, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

T25S	R4E
S23	S24

S25

1936

from which

A juniper, 10 ins. diam., bears N. 70°15' E., 96 lks. dist., marked T25S R4E S24 BT.

A pinon, 18 ins. diam., bears N. 46° W., 110 lks. dist., marked T25S R4E S23 BT.

Thence, from the above cor.

N. 0°27' E., on true line, bet. secs. 23 and 24.

Descend abrupt rocky NE. slope of mountainous land, through dense timber and scattered undergrowth.

- 9.60 The NE. point of white sandstone ledge, 20 ft. high, faces NE. and bears NW. and SW.
- 19.90 Stock trail, bears NW. and SE.
- 20.50 Bottom of large draw, 290 ft. below sec. cor., drains SE.; ascend rocky SW. slope.
- 24.80 Top of NE. rim of draw, which is a vertical sandstone ledge, 35 ft. high, faces SW. and bears SE. and NW.; ascend gradual SW. slope.
- 32.50 Ridge, 240 ft. above draw, bears NW. and SE.; thence over rolling land, through scattered timber.
- 40.17 The $\frac{1}{4}$ sec. cor. secs. 23 and 24, a sandstone, 36 x 18 x 15 ins., above ground, firmly set, marked $\frac{1}{4}$ on W. face, and witnessed by a large mound of stone to the W. of the cor. monument.

At the cor. point; on rolling land, 20 ft. below ridge.

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. secs. 23 and 24, with brass cap marked

$\frac{1}{4}$	
S23	S24

1936

No suitable bearing trees available.

Note: The original record of this survey, does not show the setting of a $\frac{1}{4}$ sec. cor. for secs. 23 and 24, but all indications show that the above stone cor., was set during the progress of the original survey.

Thence:

N. 0°16' E., with continuous measurement.

- 44.60 Old wood road, bears NE. and SW.; descend gradually along NE. slope to bottom lands of a lake bed.
- 76.20 Small wash, drains W., about 6.00 chains dist. to a lake bed.

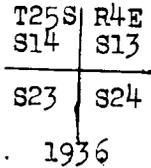
DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

80.24. The cor. of secs. 13, 14, 23, and 24, a sandstone, 12 x 8 x 6 ins., above ground, firmly set, marked 3 notches on S. edge and 1 notch on E. edge. Cor. is witnessed by a mound of stone, 3 ft. base, 2 ft. high, to the E. of the cor. monument.

At the cor. point; on gradual W. slope, 120 ft. below the $\frac{1}{4}$ sec. cor.

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. secs. 13, 14, 23, and 24, with brass cap marked



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

No suitable bearing trees available.

Land, broken SE. breaks and rolling top of mountain. Sandstone and volcanic formation.

Soil, shallow and deep clay and sand, with a rocky surface, 4th rate.

Under growth, sage, rabbit, and service berry brush, yellow top, and weeds.

Timber, juniper and pinon.

Fair grazing land.

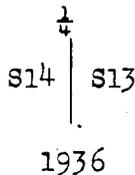
N. 0°21' E., bet. secs. 13 and 14.

Over bottom lands of lake bed, through dense short undergrowth.

40.25 The $\frac{1}{4}$ sec. cor. secs. 13 and 14, a trachyte, 20 x 15 x 12 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a mound of stone, 3 ft. base, 2 ft. high, to the W. of the cor. monument.

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 $\frac{1}{4}$ sec. cor. secs. 13 and 14, with brass cap marked



Thence:

N. 0°10' E., with continuous measurement.

68.90 Line of fence posts, bears N. 15° E. and S. 15° W.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 N., R. 4 E.

Chains

20.49 The cor. of secs. 11, 12, 13, and 14, a trachyte, 12 x 8 x 3 ins. above ground, firmly set, marked 4 notches on S. edge and 1 notch on E. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

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 cor. secs. 11, 12, 13, and 14, with brass cap marked

T253	R4E
S11	S12

S14	S13
-----	-----

1936

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

Land, bottom lands of a large basin or lake bed.

Soil, deep clay; 4th rate.

Undergrowth, sagebrush and grass.

No timber.

Good grazing land.

East, bet. secs. 12 and 13.

Over bottom lands of large basin or lake bed.

21.15 Line of fence posts, bears N. 15° E. and S. 15° W.

21.90 Leave bottom lands of basin or lake bed and ascend steep W. slope of rolling mountainous land, through dense timber bears N. and S.

21.20 Spur, 350 ft. above sec. cor., projects S. 40° E.; descends rocky NE. slope.

22.69 Point which is West, 40.00 cha. from the closing cor. of secs. 12 and 13, on the E. bdy. of the township, hereinafter described.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for sec. cor. sec. 12, with brass cap marked

† S12

1936

from which

A pinon, 13 ins. diam., bears N. 32°30' E., 220 lks. dist., marked † S12 BT.

A juniper, 20 ins. diam., bears N. 80° W., 67 lks. dist., marked † S12 BT.

23.00 Timber becomes scattered, bears N. and S.

23.50 Old road, bears N. 10° E. and S. 15° W.

DEPENDENT RESURVEY PORTIONSUBDIVISION, T. 25 S., R. 4 E.

Chains

- 39.60 Head of draw, 150 ft. below spur, drains S. 10° W.
- 40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 12 and 13.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked
- $\frac{1}{4}$ S13
- 1936
- from which
- A pinon, 8 ins. diam., bears S. 2°30' E., 193 lks. dist., marked $\frac{1}{4}$ S13 BT.
- A pinon, 10 ins. diam., bears S. 6°30' W., 215 lks. dist., marked $\frac{1}{4}$ S13 BT.
- Land, rolling and mountainous, with a general westerly and southeasterly exposure and drainage. Sandstone and volcanic formation.
- Soil, shallow clay, sand, and gravel, with a rocky surface; 4th rate.
- Undergrowth, sage and black brush, yellow top, and weeds.
- Timber, juniper and pinon.
- Good grazing land.
-
- From the cor. secs. 11, 12, 13, and 14,
N. 0°18' E., bet. secs. 11 and 12.
- Over bottom lands of large basin or lake bed, through scattered short undergrowth.
- 15.80 Leave bottom lands of lake bed and ascend gradual S. slope through dense juniper and pinon timber, bears E. and W.
- 26.80 Ridge, 310 ft. above sec. cor., bears S. 80° E. and W.; descend abrupt rocky N. slope.
- 40.25 The $\frac{1}{4}$ sec. cor. secs. 11 and 12, a trachyte, 12 x 8 x 4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by two bearing trees as follows.
- A juniper, 30 ins. diam., bears S. 83° E., 61 lks. dist., marked $\frac{1}{4}$ S BT. I mark this tree $\frac{1}{4}$ S12 BT.
- A pinon, 8 ins. diam., bears S. 8° W., 89 lks. dist., marked $\frac{1}{4}$ S BT. I mark this tree $\frac{1}{4}$ S11 BT.
- At the cor. point; on steep rocky N. slope, 270 ft. below ridge.
- 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 $\frac{1}{4}$ sec. cor. secs. 11 and 12, with brass cap marked

$\frac{1}{4}$

S11 | S12

1936

Chains

Thence: point, measured 101 chs. (ward to base of ridge) N. 6° 12' E., with continuous measurement on spur

40.40 Leave timber; bears E. and W. base north as set

46.50 Base of abrupt descent from ridge, bears N. 70° E. and S. 70° W.; thence over bottom lands of wide swale, 155 chs. below the 1/2 sec. cor., drains W.

61.80 Leave bottom lands of wide swale and ascend gradual SW. slope through dense timber, bears NW. and SE.

71.30 Spur, 40 ft. above swale, projects W., about 6.00 chs. dist. to end; descend NW. slope.

80.29 The cor. originally set for secs. 1, 2, 11, and 12, a trachyte, 16 x 8 x 5 ins. above ground, firmly set, marked 5 notches on S. edge and 1 notch on E. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

At the cor. point; on W. slope, 80 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. secs. 11 and 12, with brass cap marked

T258 R4E

S1

S11 S12

1936

from which

A pinon, 12 ins. diam., bears S. 80° E., 74 lks. dist., marked T258 R4E S12 B1.

No other suitable bearing tree available.

Land, mountainous, with a general northwesterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, gravel, and sand, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, yellow top, and weeds.

Timber, juniper and pinon and a few mahogany.

Good grazing land.

The cor. originally set for secs. 26, 27, 34, and 35, is a trachyte, 16 x 8 x 3 ins. above ground, firmly set, marked 2 notches on E. edge and 1 notch on S. edge. Cor. has no accessories.

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 cor. secs. 27 and 34, with brass marked

S12 S12

1936

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

T25S	R4E
S27	
S34	

1936

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

Thence; from the above cor.

N. 0°25' E., along the east boundary of sec. 27.

Descend gradually over broken mountainous land, through scattered undergrowth.

0.66 The closing cor. of secs. 26 and 35, subsequently set at this point.

6.60 Top of abrupt descent over NW. slope, through very scattered timber, bears NE. and SW.

16.90 Bottom of swale, drains N. 30° W.

23.20 Low spur, projects N. 30° W.

39.59 The $\frac{1}{4}$ sec. cor. originally set for secs. 26 and 27, a trachyte, 16 x 12 x 8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

At the cor. point; on general NW. slope, 390 ft. below sec. cor.

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 $\frac{1}{4}$ sec. cor. sec. 27, with brass cap marked

$\frac{1}{4}$
S27

1936

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

Thence:

N. 0°41' E., with continuous measurement.

40.50 Old road, in bottom of swale, road bears NW. and SE., and swale drains NW.

40.66 Point which is a northing of 40.00 chs. from the closing cor. of secs. 26 and 35.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 26, with brass cap marked

$\frac{1}{4}$
S26

1936

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

43.90 Top of small rocky knoll, 20 ft. above the $\frac{1}{4}$ sec. cor. sec. 27; descend NE. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION, T.22S, R. 5 E.

Chains

anlsadO

58.70 Draw, 180 ft. below knoll, drains NW.; thence along rocky W. slope.

59.95 Three wire fence, bears W., and E., 2.00 chs. dist. to SE. cor. of fence.

79.54 The cor. of secs. 22, 23, 26, and 27, a trachyte, 20 x 12 x 5 ins., firmly set, marked 2 notches on E. and S. edges. Cor. is witnessed by two bearing trees as follows.

A juniper, 10 ins. diam., bears S. 31° E., 14 lks. dist., marked T25S R4E S26 BT.

A pinon, 10 ins. diam., bears S. 46° W., 43 lks. dist., marked T25S R4E S27 BT.

At the cor. point; 270 ft. below knoll.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground to solid rock and in a mound of stone to top, with the original cor. monument deposited at the base of the post, for cor. secs. 22, 23, 26, and 27, with brass cap marked

T25S	R4E
S22	S23
S27	S26

1936

I mark additional bearing trees to cor. as follows.

A pinon, 18 ins. diam., bears N. 34° 15' E., 73 lks. dist., marked T25S R4E S23 BT.

A pinon, 12 ins. diam., bears N. 82° W., 57 lks. dist.; marked T25S R4E S22 BT.

Land, broken and mountainous, with a general northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, juniper, pinon, and a few aspen on portions of mill

Good grazing land.

S. 89° 49' E., along the S. bdy. sec. 23.

Ascend steep rocky W. slope of broken mountainous land, through dense timber and scattered undergrowth.

9.10 Spur, 170 ft. above sec. cor., projects N.; thence along a rocky N. slope through scattered timber.

12.20 Small wash, 90 ft. below spur, drains N.; ascend gradually along N. slope.

13.45 Wire fence, bears NE. and SW.

33.65 Point which is a westing of 40.00 chs. from the closing cor. secs. 25 and 26.

INDEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 26, with brass cap marked

$\frac{1}{4}$ S26

1936

from which

A pinon, 12 ins. diam., bears S. $4^{\circ}15'$ E., 83 lks. dist., marked $\frac{1}{4}$ S26 BT.

No other suitable bearing tree available.

37.80 Spur, 100 ft. above wash, projects N.; descend gradually along N. slope.

40.81 The $\frac{1}{4}$ sec. cor. originally set for secs. 23 and 26, a trachyte, 18 x 12 x 8 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

At the cor. point; on N. slope, 20 ft. below spur.

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 $\frac{1}{4}$ sec. cor. sec. 23, with brass cap marked

$\frac{1}{4}$ S23

1936

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

No bearing trees available.

Thence:

S. $89^{\circ}56'$ E., with continuous measurement.

54.00 Small wash, 90 ft. below the $\frac{1}{4}$ sec. cor. sec. 23, drains N. 80° E.; ascend gradual NW. slope.

60.50 Spur, 20 ft. above wash, projects N.; descend gradually along N. slope.

73.65 The closing cor. of secs. 25 and 26, subsequently set at this point.

80.89 The cor. of secs. 23 and 24, 120 ft. below spur, heretofore described.

Land, broken and mountainous, with a general northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow gravel with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, juniper, pinon, mahogany, and a few spruce.

Good grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

The cor. of secs. 10, 11, 14, and 15, is a trachyte, 18 x 12 x 6 ins. above ground, firmly set, marked 4 notches on S. edge and 2 notches on E. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

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 the cor. secs. 10, 11, 14, and 15, with brass cap marked

T25S	R4E
S10	S11

S15	S14
-----	-----

1936

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

Thence, from the above cor.

N. 1°06' E., bet. secs. 10 and 11.

Descend gradual N. slope of mountainous land, through scattered undergrowth and very scattered timber.

14.50 Wash, 10 lks. wide, 3 ft. deep, drains N. 80° E.

19.80 Low flat spur, projects S. 30° E.

31.00 Wash, 10 lks. wide, 6 ft. deep, drains E.

32.70 Small spur, projects E., 4.00 chs. dist. to end.

35.30 Wash, 10 lks. wide, 5 ft. deep, in draw, drains S. 80° E.; ascend gradual S. slope.

40.32 The $\frac{1}{4}$ sec. cor. secs. 10 and 11, a trachyte, 12 x 6 x 4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

At the cor. point; on spur, 40 ft. above draw and 90 ft. below the 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 cor. monument deposited at the base of the post, for $\frac{1}{4}$ sec. cor. secs. 10 and 11, with brass cap marked

	$\frac{1}{4}$	
S10		S11

1936

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

Thence:

N. 1°11' E., with continuous measurement.

49.60 Wash, 20 lks. wide, 6 ft. deep, in shallow swale, drains S. 80° E.; ascend gradual S. slope through dense timber.

69.40 Spur, 70 ft. above swale, projects S. 80° E.; descend gradual N. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

74.20 Bottom of dry channel of an old creek bed, in large main draw, 120 ft. below spur, drains N. 80° E.; ascend rocky S. slope.

80.92 The cor. originally set for secs. 2, 3, 10, and 11, a trachyte boulder in place, 40 x 20 x 20 ins. above ground, marked X on its top face, 2 grooves on E. face, and 5 grooves on S. face. Cor. is witnessed by two bearing trees as follows.

A dead pinon, 8 ins. diam., bears N. 29° E., 19 lks. dist., marked T25S R4E S2 BT. I efface the marks on this tree.

A juniper, 8 ins. diam., bears S. 7° W., 21 lks. dist., marked T25S R4E S10 BT.

Note: This cor. is in a good state of preservation and will now function for the cor. of secs. 10 and 11 only.

Land, broken and mountainous, with a general northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, sage, buck, and service berry brush, yellow top, and weeds.

Timber, juniper and pinon and a few scattered aspen, on portions of mile.

Good grazing land.

From the cor. of secs. 11 and 12, heretofore described.

N. 89°54' W., along the E. bdy. of sec. 11.

Descend abrupt W. Slope of broken mountainous land, through dense timber and scattered undergrowth.

1.20 Last Chance Creek, stream of good water, 2 lks. wide, in large main draw, 60 ft. below cor., drains N. 30° E.; ascend gradual SE. slope.

2.80 Graded road, bears NE. to Utah State Highway No. 10, and SW. to Fremont, Utah.

7.00 Slope changes from a SE. slope to a S. slope.

7.73 Point which is a westing of 80.00 chs. from the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the township, heretofore described.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. secs. 1 and 2, with brass cap marked

T25S	R4E
S2	S1

S11

1936

from which

A juniper, 2 ins. diam., bears N. 54° E., 27 lks. dist., marked T25S R4E S1 BT..

DEPENDENT RESERVE PORTION SUBDIVISION, T. 25 S., R. 4 E.

Onains

A juniper, 12 ins. diam., bears N. 49°30' W., 56 lks. dist., marked $\frac{1}{4}$ S2 BT.

13.80 Wash, 20 lks. wide, 10 ft. deep, drains S. 30° E., 3.00 chs. dist. to junction with large draw draining easterly.

39.86 Proportionate point; find no trace of the $\frac{1}{4}$ sec. cor. originally set for secs. 2 and 11.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 11, with brass cap marked

$\frac{1}{4}$ S11

1936

from which

A juniper, 6 ins. diam., bears S. 32° E., 21 lks. dist., marked $\frac{1}{4}$ S11 BT.

A juniper, 5 ins. diam., bears S. 72° W., 73 lks. dist., marked $\frac{1}{4}$ S11 BT.

Cor. set on general S. slope, 290 ft. above Last Chance Creek.

47.73 Point which is a westing of 40.00 chs. from the cor. of secs. 1 and 2.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 2, with brass cap marked

$\frac{1}{4}$ S2

1936

from which

A juniper, 20 ins. diam., bears N. 6° E., 76 lks. dist., marked $\frac{1}{4}$ S2 BT.

A juniper, 20 ins. diam., bears N. 29° W., 62 lks. dist., marked $\frac{1}{4}$ S2 BT.

59.80 Spur, projects N. 80° E.; thence ascend gradually along N. slope.

76.80 Recross top of spur, 200 ft. above the $\frac{1}{4}$ sec. cor. sec. 11, projects S. 70° E.; descend gradually along S. slope.

78.72 The cor. of secs. 10 and 11, 20 ft. below spur.

Land, broken and mountainous, with a general southerly and northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, yellow top, and weeds.

Timber, juniper and pinon.

Good grazing land.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

From the standard cor. of secs. 33 and 34, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}39'$ E., bet. secs. 33 and 34.

Descend gradually along W. slope of broken mountainous land, through scattered undergrowth.

8.50 Old wagon road, bears NE. and SW.

8.80 Wash., 30 lks. wide, 10 ft. deep, in draw, 80 ft. below cor., drains NE., about 7.00 chs. dist. to junction with draw draining SE.; ascend gradual SE. slope.

15.80 An old picket fence, bears NE. and SW.

39.86 The $\frac{1}{4}$ sec. cor. secs. 33 and 34, a trachyte, 18 x 12 x 6 ins. above the ground, firmly set, marked $\frac{1}{4}$ on top face. Cor. is witnessed by a small mound of stone to the SE. of the cor. monument.

At the cor. point; on SE. slope, 270 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 $\frac{1}{4}$ sec. cor. secs. 33 and 34, with brass cap marked

$\frac{1}{4}$
 S33 | S34

1936

raise a

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

From this cor., a watering trough, bears N. $62^{\circ}30'$ W., 6.60 chs. dist., and a spring of good water, bears N. $62^{\circ}30'$ W., 9.60 chs. dist.

Thence:

N. $0^{\circ}13'$ W., with continuous measurement.

40.20 Small spring branch, 1 lk. wide, 2 ins. deep, flows S. $26^{\circ}30'$ E., about 6.00 chs. dist., thence S.

50.20 Graded road, bears NE. to Utah State Highway No. 10, and SW. to Fremont, Utah.

65.70 Top of main ridge, 160 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; thence along a steep E. slope through scattered timber.

79.78 The cor. secs. 27, 28, 33, and 34, a trachyte, 8 x 8 x 6 ins. above the ground, firmly set, marked 1 notch on S. edge and 3 notches on E. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

At the cor. point; on general E. slope, 50 ft. below ridge.

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. secs. 27, 28, 33, and 34, with brass cap marked

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S. R. 4 E.

Chains

T25S	R4E
S27	S27
S33	S34

1936

from which

An aspen, 10 ins. diam., bears N. 87° E., 280 lks. dist., marked T25S R4E S27 BT.

An aspen, 8 ins. diam., bears S. 23°30' E., 169 lks. dist., marked T25S R4E S34 BT.

A juniper, 3 ins. diam., bears S. 8° W., 136 lks. dist., marked BT.

No other suitable bearing tree available.

Land, broken and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface 4th rate.

Undergrowth, sage and buck brush, yellow top, and weeds.

Timber, scattered aspen and fir on N. portion of mile.

Good grazing land.

S. 39°21' E., bet. secs. 27 and 34.

Descend abrupt E. slope of broken mountainous land, through scattered aspen timber and scattered undergrowth.

9.50 Graded road, bears NE. to Utah State Highway No. 10, and SW. to Fremont, Utah.

17.90 Small draw, drains NE.; old wagon road in draw, bears NE. and SW.

25.50 Low flat spur, projects NE.

34.60 Bottom of large main draw, 420 ft. below sec. cor., drains N. 20° E. to a meadow; ascend gradually.

41.35 The $\frac{1}{4}$ sec. cor. secs. 27 and 34, a trachyte, 12 x 8 x 8 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face. Cor. is witnessed by a small mound of stone to the N. of the cor. monument.

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 $\frac{1}{4}$ sec. cor. secs. 27 and 34, with brass cap marked

$\frac{1}{4}$	S27
	S34

1936

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

Thence:

S. 89°45' E., with continuous measurement.

Ascend gradual NW. slope through dense short undergrowth.

50.00 Low flat spur, projects N. 40° E.

69.50 Bottom of swale, drains N. 30° W.

77.60 Enter top of high small bench, bears NE. and SW.

81.32 The cor. of secs. 27 and 34, 60 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken and mountainous, with a general northeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage and buck brush, yellow top, and weeds.

Timber, scattered aspen and mahogany on portion of mile.

Good grazing land.

From the cor. secs. 27, 28, 33, and 34.

N. 0°09' W., bet. secs. 27 and 28.

Along E. slope of broken mountainous land, through scattered timber and undergrowth.

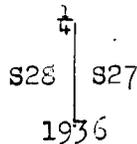
2.20 Small draw, drains E.; ascend gradual SE. slope.

16.50 Spur, 130 ft. above cor., projects E.; descend gradually along E. slope.

39.86 The $\frac{1}{4}$ sec. cor. secs. 27 and 28, a trachyte, 12 x 10 x 8 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a small mound of stone to the SE. of the cor. monument.

At the cor. point; on E. slope, 50 ft. below spur.

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 $\frac{1}{4}$ sec. cor. secs. 27 and 28, with brass cap marked



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

Thence:

N. 0°56' E., with continuous measurement.

47.80 Spur, 25 ft. above the $\frac{1}{4}$ sec. cor., projects N. 30° E.; descend gradual NE. slope.

59.20 Draw, 130 ft. below spur, drains E.; ascend gradual S. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

- 64.20 Spur, 20 ft. above draw, projects N. 80° E.; descend gradual NE. slope.
- 72.00 Draw, 80 ft. below spur, drains S. 70° E.; ascend gradual SE. slope.
- 79.82 The cor. secs. 21, 22, 27, and 28, a trachyte, 16 x 8 x 6 ins. above ground, firmly set, marked 2 notches on S. edge and 3 notches on E. edge. Cor. is witnessed by a small mound of stone to the W. of the cor. monument.

At the cor. point; on gradual SE. slope, 30 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 with the original cor. monument deposited at the base of the post, for cor. secs. 21, 22, 27, and 28, with brass cap marked

T25S	R4E
S21	S22
S28	S27

1938

No bearing trees available.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, sage and buck brush, yellow top, and weeds.

Timber, a few scattered aspen and fir.

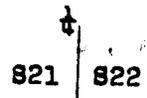
Good grazing land.

N. 0°21' E., bet. secs. 21 and 22.

Descend gradual NE. slope of rolling mountainous land, through scattered timber and undergrowth.

- 5.70 Small draw, 30 ft. below cor., drains E.; ascend gradual S. slope.
- 18.30 Spur, 20 ft. above draw, projects SE.; descend gradual N. slope.
- 40.22 The $\frac{1}{4}$ sec. cor. secs. 21 and 22, a trachyte, 12 x 8 x 3 ins. above the ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a small mound of stone to the E. of the cor. monument.
- At the cor. point; on gradual N. slope, 220 ft. below spur.
- 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 $\frac{1}{4}$ sec. cor. secs. 21 and 22, with brass cap marked

Chains



1936

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

No suitable bearing trees available.

Thence:

N. 6°57' E., with continuous measurement.

40.90 Stream of good clear water, 2 lks. wide, 2 ins. deep, in draw, 10 ft. below the $\frac{1}{4}$ sec. cor., flows S. 80° E.; ascend gradual SE. slope.

48.40 Old wagon road, bears SE. and NW.

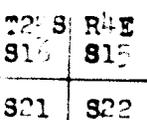
63.10 High rocky spur, 190 ft. above the $\frac{1}{4}$ sec. cor., projects S. 70° E.; descend abrupt rocky NE. slope.

79.50 Pole fence, bears W., and E., 1.10 chs. dist. to SE. cor. of fence.

80.33 The cor. secs. 15, 16, 21, and 22, a trachyte, 6 x 4 x 3 ins. above ground, firmly set, marked 3 notches on E. and S. edges. Cor. has no accessories.

At the cor. point; on NE. slope, 240 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. secs. 15, 16, 21, and 22, with brass cap marked



1936

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

No bearing trees available.

Land, mountainous, with rolling and broken slopes with an easterly exposure and drainage. Volcanic formation.

Soil, clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sage, buck, and rabbit brush, yellow top, and weeds.

Timber, scattered aspen and pine.

Good grazing land.

N. 89°07' W., bet. secs. 16 and 21.

Ascend broken abrupt NE. slope of mountainous land, through scattered timber and undergrowth.

9.15 Pole fence, bears SE. and NW

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 23 N., R. 4 E.

Chains	
15.40	Old wagon road, bears N. 10° W. and S. 10° E.
31.40	Rocky spur, 590 ft. above the sec. cor., projects SE.; descend gradual W. slope.
39.00	Bottom of swale, 35 ft. below spur, drains SE.; ascend gradual E. slope.
40.53	Proportionate point; on gradual E. slope, 10 ft. above swale.
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor. sec. 16, with brass cap marked
	$\frac{1}{4}$ S16
	1936
	from which
	An aspen, 5 ins. diam., bears N. 3° E., 78 lks. dist., marked $\frac{1}{4}$ S16 BT.
	An aspen, 6 ins. diam., bears N. 64°30' W., 74 lks. dist., marked $\frac{1}{4}$ S16 BT.
	No trace of the original $\frac{1}{4}$ sec. cor. set for secs. 16 and 21 could be found.
41.56	Point which is an easting of 40.00 chs. from the closing cor. of secs. 20 and 21.
	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 21, with brass cap marked
	$\frac{1}{4}$ S21
	1936
	from which
	An aspen, 4 ins. diam., bears S. 62°30' E., 38 lks. dist., marked $\frac{1}{4}$ S21 BT.
	An aspen, 6 ins. diam., bears S. 23° W., 55 lks. dist., marked $\frac{1}{4}$ S21 BT.
59.80	Low spur, slopes SE.
74.60	Small water course, drains SE.
81.06	The cor. originally set for secs. 16, 17, 20, and 21, a trachyte boulder in place, 30 x 30 x 30 ins. above ground, marked 3 grooves on S. face and 4 grooves on E. face. Cor. is not witnessed and is set in the SW. cor. of a pole fence bearing northerly and easterly. Cor. is in a good state of preservation and will now function for the cor. of secs. 16 and 17 only. Cor. is 340 ft. above the $\frac{1}{4}$ sec. cor. sec. 16.
	Land, broken and mountainous, with a general northeasterly and southeasterly exposure and drainage. Volcanic formation.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen on portions of mile.

Good grazing land.

West, along the S. bdy. sec. 17.

Ascend steep rocky E. slope of mountainous land, through dense timber and scattered undergrowth.

0.80 Trail, bears NW. and SE. The closing cor. of secs. 20 and 21, subsequently set at this point.

21.00 Base of abrupt ascent over E. slope of slide rock, bears N. and S.

29.60 Top of abrupt ascent, bears NW. and SE.; thence over rolling land.

40.00 No trace of the $\frac{1}{4}$ sec. cor. set for secs. 17 and 20 could be found.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. sec. 17, with brass cap marked

$\frac{1}{4}$
S17

1936

from which

A balsam, 12 ins. diam., bears N. 18° E., 59 lks. dist., marked $\frac{1}{4}$ S17 BT.

An aspen, 6 ins. diam., bears N. 40° W., 53 lks. dist., marked $\frac{1}{4}$ S17 BT.

Cor. set on rolling mountainous land, 400 ft. above the cor. of secs. 16 and 17.

Land, mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce.

Good grazing land.

From the cor. secs. 16 and 17.

N. 1°40' E., bet. secs. 16 and 17.

Along rocky E. slope of broken mountainous land, through scattered timber and undergrowth. Line follows along pole fence bearing northerly.

DEPENDENT RESURVEY PORTION SUBDIVISION; T. 25 S., R. 4 E.

Chains

- 7.30 Small seep of good water, drains E.
- 7.80 Small seep of good water, drains E., from a spring which bears West, 3.15 chs. dist.
- 29.50 Slope changes from a gradual E. slope to a gradual NE. slope, thence descend gradual NE. slope through dense timber.
- 40.31 Proportionate point:
 Set an iron post; 3 ft. long, 1 in. diam., 26 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. secs. 16 and 17, with brass cap marked
- | |
|---------------|
| $\frac{1}{4}$ |
| S17 S16 |
| 1936 |
- from which
- An aspen, 4 ins. diam., bears S. $67^{\circ}45'$ E., 3 lks. dist., marked $\frac{1}{4}$ S16 BT.
- An aspen, 5 ins. diam., bears S. $55^{\circ}30'$ W., 24 lks. dist., marked $\frac{1}{4}$ S17 BT.
- No trace of the original $\frac{1}{4}$ sec. cor. secs. 16 and 17, could be found.
- Cor. set near the NW. cor. of a pole fence bearing southerly and easterly, on general NE. slope, 210 ft. below the cor. secs. 16 and 17.
- 46.30 Small stream of water, 1 lk. wide, 3 ins. deep, in irrigation ditch, 2 lks. wide, 1 ft. deep. flows S. 80° E.
- 61.10 The northeast cor. of fence, bears westerly and southerly; a small corral in cor. of fence.
- 64.80 Small draw, drains E.
- 80.62 The cor. of secs. 8, 9, 16, and 17, a trachyte, 12 x 8 x 8 ins. above ground, marked $\frac{1}{4}$ notches on E. and S. edges. Cor. is witnessed by a small mound of stone to the E. of the cor. monument.
- At the cor. point; on rolling mountainous land, 110 ft. above the $\frac{1}{4}$ sec. cor.
- 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. 8, 9, 16, and 17, with brass cap marked
- | | |
|------|-----|
| T25S | R4E |
| S8 | S9 |
| S17 | S16 |
| 1936 | |
- from which
- An aspen, 6 ins. diam., bears N. $43^{\circ}45'$ E., 23 lks. dist., marked T25S R4E S9 BT.
- An aspen, 8 ins. diam., bears S. 31° E., 23 lks. dist., marked T25S R4E S16 BT.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

An aspen, 6 ins. diam., bears S. 52° W., 27 lks. dist., marked T25S R4E S17 BT.

An aspen, 5 ins. diam., bears N. 45° W., 3 lks. dist., marked T25S R4E S8 BT.

Land, rolling and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow gravel and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top and weeds.

Timber, aspen and spruce.

Good grazing land.

West, bet. secs. 8 and 17.

Ascend steep E. slope of mountainous land, through dense timber and scattered undergrowth.

- 2.00 Leave timber, bears N. and S.
- 13.30 Rocky spur, projects NE.; thence ascend along a N. slope.
- 20.00 Enter dense aspen and spruce timber, bears N. and S.
- 28.10 Leave timber, bears N. and S.
- 33.90 Small draw, drains NE.
- 38.20 Enter timber, bears N. and S.
- 40.00 No trace of the $\frac{1}{4}$ sec. cor. secs. 8 and 17 could be found.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground to solid rock and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. secs. 8 and 17, with brass cap marked

S8
 $\frac{1}{4}$ ———
 S17.

1936

from which

An aspen, 6 ins. diam., bears S. 60° E., 17 lks. dist., marked $\frac{1}{4}$ S17 BT.

An aspen, 8 ins. diam., bears N. 14° W., 5 lks. dist., marked $\frac{1}{4}$ S8 BT.

Cor. set on N. slope, 2.00 chs. S. of a small stream of good water draining easterly, 320 ft. above sec. cor.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce on portions of mile.

Good grazing land.

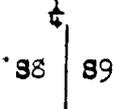
Chains

From the cor. secs. 8, 9, 16, and 17.

North, bet. secs. 8 and 9.

Descend gradually along E. slope of rolling mountainous land, through scattered timber and undergrowth. Line follows along fence bearing northerly.

- 14.10 Spur, projects NE.
- 16.90 Small stream of good water, 1 lk. wide, 2 ins. deep, in small draw, drains N. 70° E.
- 19.30 The NW. cor. of fences bearing easterly and southerly; small corral in cor. of fence.
- 21.80 Small spring of good water draining easterly, bears West, 66 lks. dist.
- 35.80 Bottom of large main draw, 210 ft. below sec. cor., drain E.; thence across bottom lands of draw.
- 40.00 Find no trace of the $\frac{1}{4}$ sec. cor. secs. 8 and 9.
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. secs. 8 and 9, with brass cap marked



1936
raise a
ound of stone, 3 ft. base, 2 ft. high, W. of cor.

No bearing trees available.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen.

Good grazing land.

From the cor. secs. 8, 9, 16, and 17.

S. 88°34' E., bet. secs. 9 and 16.

Along general NE. slope of rolling mountainous land, through scattered undergrowth.

- 8.00 Center of grove of aspen timber, bears N. and S.
- 11.50 Draw, 160 ft. below sec. cor., drains N. 20° E.; ascend NW. slope.
- 20.70 The SW. cor. of fences bearing northerly and easterly; thence along fence line.
- 31.00 Long rocky spur, 120 ft. above draw; projects N. 20° E.; descend gradual NE. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

37.20 Center of an aspen grove, bears N. and S.

39.84 The $\frac{1}{4}$ sec. cor. secs. 9 and 16, a trachyte, 12 x 8 x 4 ins. above the ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. witnessed by a small mound of stone to the N. of the cor. monument.

At the cor. point; on NE. slope, 150 ft. below spur, in fence line bearing E. and W.

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 $\frac{1}{4}$ sec. cor. secs. 9 and 16, with brass cap marked

S9
$\frac{1}{4}$
S16

1936

raise a mound

of stone, 3 ft. base, 2 ft. high, N. of cor. Thence, S. $89^{\circ}02'$ E., with continuous measurement.

58.20 Center of an aspen grove, bears N. and S.

79.97 The cor. of secs. 9, 10, 15, and 16, a trachyte, 12 x 12 x 8 ins., above ground, firmly set in the ground and mound of stone, marked 3 notches on E. edge and 4 notches on S. edge. Cor. has no accessories.

At the cor. point; on E. slope, 400 ft. below the $\frac{1}{4}$ sec. cor., at the northeast cor. of pole fence bearing southerly and westerly.

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. secs. 9, 10, 15, and 16, with brass cap marked

T25S	R4E
S9	S10
S16	S15

1936

raise a

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

Land, rolling and mountainous, with a general northeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, groves of dense aspen on portions of mile.

Good grazing land.

N. $0^{\circ}50'$ E., bet. secs. 9 and 10.

Over general E. slope of rolling mountainous land, through scattered undergrowth.

12.00 Low rocky spur, projects NE.; descend gradual N. slope.

DEPENDENT RESURVEY PORTION SUBDIVISION; T. 55 S., R. 4 E.

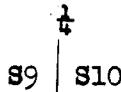
Chains

28.50 Small draw, drains N. 89° E.
 33.10 Long flat spur, projects E.
 40.14 The $\frac{1}{4}$ sec. cor. secs. 9 and 10, a trachyte, $8 \times 6 \times 4$ ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. Cor. is witnessed by a small mound of stone to the W. of the cor. monument, and one bearing tree as follows:

A pinon, 10 ins. diam., bears S. $88^{\circ}15'$ E., 254 lks. dist., marked $\frac{1}{4}$ S BT.

At the cor. point; on rolling land, 170 ft. below sec. cor.

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, with the original cor. monument deposited at the base of the post, for $\frac{1}{4}$ sec. cor. secs. 9 and 10, with brass cap marked.



1936

No other suitable bearing trees available.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface 4th rate.

Undergrowth, sage and service berry brush, yellow top, and weeds.

No timber.

Good grazing land.

From the cor. secs. 9, 10, 15, and 16.

S. $88^{\circ}54'$ E., bet. secs. 10 and 15.

Descend gradual E. slope of rolling mountainous land, through scattered undergrowth.

11.40 Draw, 125 ft. below cor., drains N. 50° E.; ascend gradually.

20.70 Small spur, 30 ft. above draw, projects N. 30° E.; descend gradually.

28.60 Swale, 60 ft. below spur, drains N. 30° E.; ascend gradually along N. slope.

36.50 Small spur, 10 ft. above swale, projects N. 60° E.; descend steep E. slope.

40.22 The $\frac{1}{4}$ sec. cor. secs. 10 and 15, a trachyte, $6 \times 6 \times 5$ ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face. Cor. is witnessed by a small mound of stone to the N. of the cor. monument.

At the cor. point; on E. slope, 85 ft. below spur.

DEPENDENT RESURVEY PORTION SUBDIVISION, T. 25 S., R. 4 E.

Chains

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, with the original cor. monument deposited at the base of the post. for $\frac{1}{4}$ sec. cor. secs. 10 and 15, with brass cap marked

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

1936

Thence:

S. $89^{\circ}35'$ E., with continuous measurement.

47.30 Wash, 10 lks. wide, 10 ft. deep, in draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains N. 70° E.; ascend gradually.

54.70 Low flat spur, 20 ft. above draw, projects N. 30° E.; scattered juniper timber on top of spur; descend gradually.

75.70 Small draw, 80 ft. below spur, drains N. 60° E.; ascend rocky W. slope.

80.47 The cor. of secs. 10, 11, 14, and 15, 30 ft. above draw, heretofore described.

Land, rolling and mountainous, with a general northeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, some of service berry brush, yellow top, and weeds.

No timber.

Good grazing land.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

From the standard cor. of secs. 35 and 36, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}01'$ W., bet. secs. 35 and 36.

Ascend steep SW. slope of general SE. breaks of high mountainous land to the NW., through scattered undergrowth.

1.70 Spur, 90 ft. above cor., projects SE.; thence over broken E. slope of breaks.

9.20 Small wash, drains SE.

13.80 Small spur, projects SE.

23.20 Large main wash, 40 lks. wide, 5 ft. deep, drains SE.; ascend steep S. slope of clay and shale breaks.

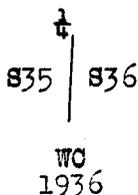
40.00 True point for the $\frac{1}{4}$ sec. cor. secs. 35 and 36, falls on clay break, where it is impracticable to set a permanent cor.

40.20 On top of S. rim of ridge, 370 ft. above large wash, bears E. and W.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E. 190

Chains

Set an iron post, 3 ft. long, 1 in. diam., 26 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. 35 and 36, with brass cap marked.



from which

A pinon, 6 ins. diam., bears N. 6° E., 125 lks. dist., marked WC $\frac{1}{4}$ S36 BT.

A pinon, 7 ins. diam., bears N. 25° W., 80 lks. dist., marked WC $\frac{1}{4}$ S35 BT.

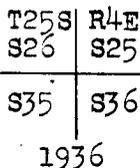
Thence over broken top of wide ridge, through scattered timber.

52.60 Top of N. rim of ridge, bears NW. and SE.; leave timber and descend steep N. slope.

66.90 Draw, 270 ft. below rim of ridge, drains E.; ascend steep rocky S. slope.

80.00 At the base of a large sandstone boulder, 15 x 15 x 6 ins. above ground, on S. slope, 70 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 25, 26, 35, and 36, with brass cap marked



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

Land, broken general SE. breaks of high mountainous land to the NW. Sandstone and volcanic formation.

Soil, shallow and deep clay with rock; 4th rate.

Undergrowth, sagebrush, greasewood, yellow top, and weeds.

Timber, juniper and pinon on portion of mile.

Fair grazing land.

S. 89°50' E., on random line, bet. secs. 25 and 36.

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

80.02 Intersect the E. bdy. of the township, 7 lks. N. of the cor. secs. 25, 30, 31, and 36, heretofore described.

Thence:

N. 89°47' W., on true line, bet. secs. 25 and 36.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

Ascend general SE. breaks of high mountainous land to the NW., through scattered undergrowth.

10.25 Trail, bears NW. and SE, on top of small spur, projects SE.

23.60 Small wash, drains SE.

36.00 Spur, projects SE.

38.00 Small wash, drains SE., 4.00 chs. dist. to junction with large main wash draining easterly.

40.01 In blue clay breaks, 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

$\frac{1}{4}$ $\frac{S25}{S36}$

1936

raise a

mound of stone, 3 ft. base, 2 ft. high, N. of cor.

50.50 Blue clay spur, projects SE.

80.02 The cor. of secs. 25, 26, 35, and 36, 340 ft. above the $\frac{1}{4}$ sec. cor.

Land, broken general SE. breaks of high mountainous land to the NW. Sandstone, shale, and volcanic formation.

Soil, shallow clay, shale, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

No timber.

Fair grazing land.

Test, on true line, bet. secs. 26 and 35.

Ascend abruptly over general SE. breaks of high mountainous land to the NW., through dense timber and scattered undergrowth.

5.20 Wash, drains SE.

21.80 Top of a white shale knoll, bears S., 1.00 ch. dist.

40.00 On general SE. breaks of mountain, 820 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

$\frac{1}{4}$ $\frac{S26}{S35}$

1936

from which

A juniper, 12 ins. diam., bears S. 67° E., 15 lks. dist., marked $\frac{1}{4}$ S35 BT.

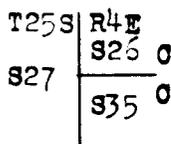
A pinon, 10 ins. diam., bears N. 82°15' W., 67 lks. dist., marked $\frac{1}{4}$ S26 BT.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

- Chains**
- 52.50 Sandstone rim, 30 ft. high, faces SE. and bears NE. and SE.
 - 61.00 Leave timber, bears NE. and SE.
 - 66.10 Enter top of rolling mountainous land, bears NE. and SE.
 - 72.00 Ridge, 680 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; descend gradually.
 - 74.35 Intersect the E. bdy. of sec. 27, N. $0^{\circ}25'$ E., 66 lks. dist. from the cor. of secs. 27 and 34, heretofore described.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the closing cor. of secs. 26 and 35, with brass cap marked



1936

raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

Land, broken E. breaks and top of high mountainous land, with a general southeasterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay and rock; 4th rate.

Undergrowth, sagebrush, greasewood, yellow top, and weeds.

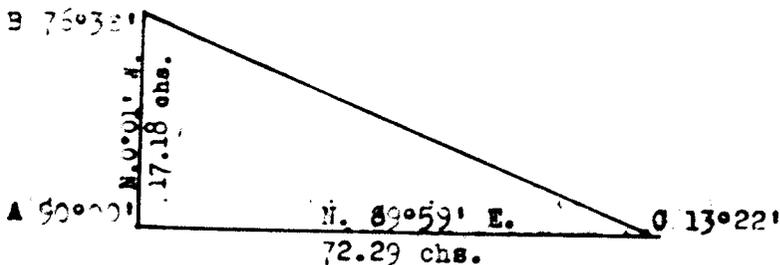
Timber, juniper and pinon on portion of mile.

Fair grazing land.

From the cor. secs. 25, 26, 35, and 36.

N. $0^{\circ}01'$ W., bet. secs. 25 and 26.

The line to the N. of the cor. secs. 25, 26, 35, and 36, ascends the broken SE. breaks of mountainous land to the NW., and passes over high vertical sandstone ledges over which I am unable to chain, I therefore determine the distance to the top of the SE. rim of mountain, by triangulation as follows. Erect flag A at the cor. secs. 25, 26, 35, and 36, and flag B on line to the N. From A, survey base line AC, N. $89^{\circ}59'$ E., 72.29 chs. dist. From C, line AB subtends an angle of $13^{\circ}22'$. From B, line AC subtends an angle of $76^{\circ}38'$. Vertical angle from A to B is plus $11^{\circ}55'$. All angles checked by repetition.



Distance by triangulation.....17.18 chs..

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

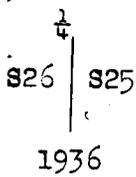
17-18 To point B of triangulation at top of vertical sandstone ledge and SE. rim of mountain, 240 ft. above sec. cor., bears NE. and SW.; thence ascend along rocky SE. slope, through dense timber and scattered undergrowth.

28.90 Small spur, projects S. 70° E.

35.10 Small wash, drains S. 80° E., and heads NW., 3.00 chs. dist.; ascend S. slope.

40.00 On S. slope, 160 ft. above rim of mountain.

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



from which

A juniper, 8 ins. diam., bears S. 79° E., 28 lks. dist., marked $\frac{1}{4}$ S25 BT.

A juniper, 7 ins. diam., bears S. 67° W., 7 lks. dist., marked $\frac{1}{4}$ S26 BT.

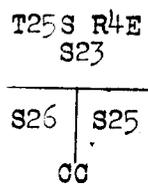
50.20 Top of ascent, 70 ft. above the $\frac{1}{4}$ sec. cor., bears E. and W.; descend gradual N. slope.

61.70 Leave timber, bears E. and W.

78.63 Intersect the S. bdy. sec. 23, N. 89°56' W., 7.24 chs. dist. from the cor. secs. 23 and 24, heretofore described.

At point of intersection; on N. slope, 200 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 25 and 26, with brass cap marked



raise a

mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, broken SE. breaks and top of mountain, with a general southeasterly and easterly exposure and drainage. Sandstone, shale, and volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, yellow top, and weeds.

Timber, juniper and pinon on portion of mile.

Fair grazing land.

SUBDIVISION OF A PORTION T. 25 S., R. 4 E.

Chains

From the cor. of secs. 23 and 24, heretofore described.

S. 39°47' E., on random line, bet. secs. 24 and 25.

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

72.84 Intersect the E. bdy. of the township, 2 lks. S. of the cor. secs. 19, 24, 25, and 30, heretofore described.

Thence:

N. 39°43' W., on true line, bet. secs. 24 and 25.

Over broken mountainous land, through dense timber and scattered undergrowth.

3.40 Small wash, drains SW.

2.70 Flat top of spur, projects SW.

25.90 Leave timber and descend gradual W. slope, bears N. and S.

37.90 Top of abrupt descent over steep W. slope through dense timber, bears NW. and SE.

44.84 In steep W. slope, 120 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

S24

$\frac{1}{4}$ ———

S25

1936

Point midway between the cor. of secs. 19, 24, 25, and 30, and the closing cor. of secs. 25 and 26.

From $\frac{1}{4}$ sec. cor.

A pinon, 8 ins. diam., bears S. 22° E., 47 lks. dist., marked $\frac{1}{4}$ S25 BT.

A pinon, 8 ins. diam., bears N. 54° W., 24 lks. dist., marked $\frac{1}{4}$ S24 BT.

62.90 Bottom of deep main gulch, 340 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend steep NE. slope.

61.50 Trail, bears NW. and SE.

72.84 The cor. of secs. 23 and 24, 370 ft. above bottom of gulch.

Land, broken and mountainous, with a general southeasterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface 4th rate.

Undergrowth, sage and buck brush, yellow top, and weeds.

Timber, juniper and pinon on portions of mile.

Fair grazing land.

From the cor. of secs. 13, 14, 23, and 24, heretofore described.

S. 39°47' E., on random line, bet. secs. 13 and 24.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 72.69 Intersect the E. bdy. of the township, 16 lks. S. of the cor. secs. 13, 18, 19, and 24, heretofore described.
- Thence:
- N. $89^{\circ}56'$ W., on true line, bet. secs. 13 and 24.
- Descend gradually along S. side of wash draining westerly, through scattered undergrowth.
- 32.69 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 13, with brass cap marked

$\frac{1}{4}$ S13

1936

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

- 36.50 Wash, 10 lks. wide, 3 ft. deep, drains NW.; thence along rolling N. slope.

- 40.00 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. sec. 24, with brass cap marked

$\frac{1}{4}$ S24

1936

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

- 62.00 Low spur, projects NW.; descend gradual W. slope.

- 72.69 The cor. of secs. 13, 14, 23, and 24, 30 ft. below spur.

Land, rolling and mountainous, with a general northwesterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sage, rabbit, and buck brush, greasewood, yellow top, and weeds.

No timber.

Fair grazing land.

From the $\frac{1}{4}$ sec. cor. sec. 13, on the N. bdy. sec. 13, heretofore described.

East, on true line, bet. secs. 12 and 13.

Ascend gradual W. slope of rolling mountainous land, through scattered timber and undergrowth.

- 15.50 Timber becomes dense, bears NE. and SE.

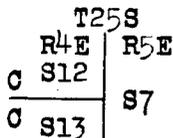
SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

- 22.80 Ascent becomes more gradual; bears NW. and SE.
- 30.50 Top of ridge, 330 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend gradual E. slope.
- 32.69 Intersect the E. bdy. of the township, North, 1.13 chs. dist. from the cor. of secs. 7 and 18, heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for closing cor. secs. 12 and 13, with brass cap marked



1936

from which

A pinon, 10 ins. diam., bears S. $65^{\circ}15'$ W., 42 lks. dist., marked T25S R4E S13 CC BT.

A pinon, 12 ins. diam., bears N. $57^{\circ}30'$ W., 56 lks. dist., marked T25S R4E S12 CC BT.

Land, rolling and mountainous, with a general westerly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, juniper and pinon.

Good grazing land.

From the cor. of secs. 11 and 12, heretofore described.

East, on random line, bet. secs. 1 and 12.

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

- 72.27 Intersect the E. bdy. of the township, 25 lks. N. of the cor. secs. 1, 6, 7, and 12, heretofore described.

Thence:

N. $89^{\circ}43'$ W., on true line, bet. secs. 1 and 12.

Descend gradually over rocky W. slope of mountainous land, through dense timber and scattered undergrowth.

- 11.70 Bottom of open shallow draw, drains N. 10° W.
- 12.40 Leave timber, bears NW. and SE.
- 19.80 Low spur, projects S. 15° E.
- 34.90 Low ridge, bears NE. and SW.
- 35.80 Enter dense timber, bears N. and S.

SUBDIVISION OF A PORTION, T. 25 S., R. 14 E.

Chaining

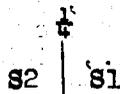
- 40.00 On rolling land, 130 ft. below sec. cor.
 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$ $\frac{S1}{S12}$
- 1936
- from which
- A pinon, 3 ins. diam., bears N. 43° E., 33 lks. dist., marked $\frac{1}{4}$ S1 BT.
- A juniper, 7 ins. diam., bears S. 47°30' W., 35 lks. dist., marked $\frac{1}{4}$ S12 BT.
- 43.60 Top of abrupt descent over W. slope, bears NE. and SW.
- 52.60 Bottom of draw, drains N. 10° E.
- 54.20 Low spur, projects NE; thence descend gradually along N. slope.
- 63.40 Small wash, drains N. 10° W.
- 71.00 Low spur, projects N., 3.00 chs. dist. to end; descend W. slope.
- 72.27 The cor. of secs. 11 and 12, 377 ft. below the $\frac{1}{4}$ sec. cor., and which is S. 89°54' E., 7.75 chs. dist. from the cor. of secs. 1 and 2, heretofore described.
- Land, rolling and mountainous, with a general westerly exposure and drainage. Sandstone and volcanic formation.
- Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.
- Undergrowth, sagebrush, yellow top, and weeds.
- Timber, juniper and pinon on portions of mile.
- Good grazing land.
-
- From the cor. of secs. 1 and 2, heretofore described.
- N. 0°01' W., on true line, bet. secs. 1 and 2.
- Ascend abrupt S. slope of rough mountainous land, through dense timber and scattered undergrowth.
- 11.40 Spur, 160 ft. above cor., projects SE.; descend gradual N. slope.
- 19.00 Small wash, drains SE.; ascend gradual S. slope.
- 23.00 Small spur, projects SE.
- 27.20 Draw, 150 ft. below the spur at the 11.40 chs. point, drains SE.; ascend gradually.
- 40.00 On flat top of wide spur, 60 ft. above draw, projects SE.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

1936

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



1936

from which

A pinon, 6 ins. diam., bears N. $87^{\circ}45'$ E., 36 lks. dist., marked $\frac{1}{4}$ S1 BT.

A pinon, 5 ins. diam., bears S. $22^{\circ}15'$ W., 72 lks. dist., marked $\frac{1}{4}$ S2 BT.

48.40 Top of abrupt descent over N. slope, bears E. and W.

58.10 Draw, 150 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; yellow pine and aspen timber along bottom of draw; ascend rocky S. slope.

67.00 Top of ascent, 160 ft. above draw, bears E. and W.; thence over rolling land.

71.80 Begin gradual ascent over S. slope, bears E. and W.

78.26 Intersect the S. bdy. of sec. 35, T. 24 S., R. 4 E., East, 4.26 chs. dist. from the $\frac{1}{4}$ sec. cor. secs. 2 and 35, an iron post, 1 in. diam., set, marked; and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah. I efface the marks on the cor. monument and bearing tree that pertain to sec. 2, and take an additional bearing tree for sec. 35, as follows:

A juniper, 5 ins. diam., bears N. $40^{\circ}30'$ W., 24 lks. dist., marked $\frac{1}{4}$ S35 BT.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 1 and 2, with brass cap marked

T24S R4E
S35

S2 | S1
T25S R4E
O | O

1936

from which

A pinon, 10 ins. diam., bears S. $27^{\circ}45'$ E., 74 lks. dist., marked T25S R4E S1 OO BT.

A juniper, 8 ins. diam., bears S. $36^{\circ}45'$ W., 42 lks. dist., marked T25S R4E S2 OO BT.

Land, broken and mountainous, with a general easterly exposure and drainage. Sandstone and volcanic formation.

Soil, shallow clay, sand, and rock, with a rocky surface; 4th rate.

Undergrowth, sage and rabbit brush, greasewood, yellow top, and weeds.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

Timber, juniper and pinon and a few aspen and yellow pine.
Good grazing land.

From the standard cor. of secs. 34 and 35, on the S. bdy. of the township, heretofore described.

N. 5°20' E., (computed course) on random line, bet. secs. 34 and 35.

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

79.60 Fall 28 lks. W. of the cor. secs. 27 and 34, heretofore described.

Thence:

From the standard cor. secs. 34 and 35.

N. 5°32' E., on true line, bet. secs. 34 and 35.

Over rolling mountainous land, through dense timber and scattered short undergrowth.

9.90 Top of abrupt descent, bears NE. and SW.

13.00 Gulch, 180 ft. below cor., drains E.; ascend abrupt S. slope.

14.50 Spur, 60 ft. above gulch, projects E.; descend abruptly.

16.20 Gulch, 50 ft. below spur, drains E.; ascend along steep rocky E. slope.

30.10 Rocky spur, 160 ft. above sec. cor., projects S. 30° E.; descend gradually.

36.20 Small wash in swale, 40 ft. below spur, drains E.; ascend SE. slope through dense timber.

39.30 Proportionate point; on SE. slope, 70 ft. above swale.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in a crevice of a sandstone ledge, and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor. sec. 34, with brass cap marked

$\frac{1}{4}$
S34

1936

from which

A pinon, 12 ins. diam., bears S. 70°15' W., 53 lks. dist., marked $\frac{1}{4}$ S34 BT.

A pinon, 8 ins. diam., bears N. 72°30' W., 92 lks. dist., marked $\frac{1}{4}$ S34 BT.

40.13 Point midway bet. the standard cor. of secs. 34 and 35, and the closing cor. of secs. 26 and 35.

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. sec. 35, with brass cap marked

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

$\frac{1}{4}$
S35

1936

from which

- A pinon, 10 ins. diam., bears N. 18° E., 28 lks. dist., marked $\frac{1}{4}$ S35 BT.
- A mahogany, 5 ins. diam., bears S. 17°30' E., 35 lks. dist., marked $\frac{1}{4}$ S35 BT.
- 41.40 Rocky spur, 50 ft. above the $\frac{1}{4}$ sec. cor. sec. 34, projects E.; thence ascend gradually over SE. slope.
- 43.10 Wash, 50 lks. wide, 10 ft. deep, drains E., and heads W., 4.00 chs. dist.
- 60.70 Top of SE. rim of high mountainous land, 420 ft. above the $\frac{1}{4}$ sec. cor. sec. 34, bears NE. and SW.; descend gradually NW. slope through scattered timber.
- 79.60 The cor. of secs. 27 and 34, 70 ft. below rim of mountain. Land, broken top and SE. breaks of mountain. Sandstone, shale, and volcanic formation.
- Soil, shallow clay, shale, and rock, with a rocky surface; 4th rate.
- Undergrowth, sage and black brush, yellow top, and weeds.
- Timber, scrub juniper and pinon.
- Fair grazing land.
-
- From the cor. of secs. 10 and 11, heretofore described.
- West, on random line, along the N. bdy. sec. 10.
- 30.01 Set temp. cor. secs. 2 and 3.
- 40.70 Set temp. $\frac{1}{4}$ sec. cor. sec. 10.
- 43.01 Set temp. $\frac{1}{4}$ sec. cor. sec. 3.
- 61.46 Intersect a line projected N. from the $\frac{1}{4}$ sec. cor. secs. 9 and 10. Set temp. cor. for secs. 9 and 10.
- Thence:
- From the $\frac{1}{4}$ sec. cor. secs. 9 and 10, heretofore described.
- North, bet. secs. 9 and 10.
- Over rolling mountainous land, through scattered undergrowth.
- 8.50 Rocky draw, drains SE.
- 10.10 Small rocky spur, projects S. 80° E.
- 15.20 Large shallow draw, drains E. from the SW.
- 20.80 Enter dense timber, bears E. and W.; ascend steep S. slope

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

33.10 Spur, 230 ft. above the $\frac{1}{4}$ sec. cor., projects E.; leave timber, bears E. and W.; descend gradual N. slope.

33.60 Descent becomes abrupt, bears E. and W.

39.71 Intersect the temp. cor. secs. 9 and 10.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 9 and 10, with brass cap marked

T25S R4E	
S3	
39	S10

1936

raise a

mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Cor. set on N. slope, 160 ft. below spur.

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, juniper and pinon on N. portion of half mile.

Good grazing land.

From the cor. secs. 10 and 11.

West, on true line, along the N. bdy. sec. 10.

Descend rocky S. slope of mountainous land, through dense timber and scattered short undergrowth.

6.20 Enter bottom lands of large wide draw, bears NE. and SW.

7.50 Small stream of good water in bottom of draw, 100 ft. below cor., flows SE.; continue across bottom lands of draw.

8.01 Point which is a westing of 80.00 chs. from the cor. of secs. 1 and 2.

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

T25S	R4E
S3	S2

S10

1936

from which

An aspen, 12 ins. diam., bears N. 37° E., 48 lks. dist., marked T25S R4E S2 BT.

An aspen, 8 ins. diam., bears N. 41° W., 88 lks. dist., marked T25S R4E S3 BT.

10.20 Leave bottom lands of draw and ascend gradual NE. slope, bears NW. and SE.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

21.30 Low spur, 140 ft. above draw, slopes N.; descend gradual NW. slope.

31.50 Enter bottom lands of wide draw, bears N. 85° E. and S. 85° W.; thence over bottom lands through scattered yellow pine timber.

40.73 Proportionate point; at a point 50 lks. S. of channel of draw.

Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground to solid rock and in a large mound of stone to top for $\frac{1}{4}$ sec. cor. sec. 10, with brass cap marked

$\frac{1}{4}$ S10

1936

from which

A yellow pine, 12 ins. diam., bears S. 56°30' E., 60 lks. dist., marked $\frac{1}{4}$ S10 BT.

A yellow pine, 10 ins. diam., bears S. 89°30' W., 88 lks. dist., marked $\frac{1}{4}$ S10 BT.

42.00 Top of ascent on N. slope, 10 ft. above the $\frac{1}{4}$ sec. cor., slopes N., 50 lks. dist.; descend gradually along N. slope

46.91 On gradual N. slope, 15 lks. S. of channel of draw draining easterly.

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

1936

from which

A juniper, 30 ins. diam., bears N. 17°30' E., 74 lks. dist., marked WC $\frac{1}{4}$ S3 BT.

A pinon, 6 ins. diam., bears N. 50° W., 61 lks. dist., marked WC $\frac{1}{4}$ S3 BT.

48.01 True point for the $\frac{1}{4}$ sec. cor. sec. 3, falls in channel of draw, drains N. 88° E. from S. 88° W.; thence along N. side of draw.

64.00 Recross draw, drains S. 88° E. from the NW.

66.60 Leave bottom lands of draw and ascend gradual NE. slope, through scattered timber, bears S. 80° E. and N. 80° W.

81.46 The cor. secs. 9 and 10, 270 ft. above the $\frac{1}{4}$ sec. cor. sec. 10.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic and sandstone formation.

Soil, deep and shallow clay, gravel, and rock; 4th rate.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

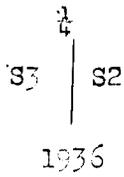
Chains

Undergrowth, sage and rabbit brush, yellow top, and weeds.
Timber, juniper, pinon, yellow pine, and mahogany on portions of mile.
Good grazing land.

From the cor. of secs. 2 and 3.
N. 0°01' W., on true line, bet. secs. 2 and 3.

Over bottom lands of wide draw, through scattered timber and dense short undergrowth.

- 1.00 Small stream of good water in bottom of draw, 30 ft. below cor., flows SE.; continue over bottom lands of draw.
- 2.20 Base of abrupt ascent over rocky S. slope through dense timber, bears SE. and NW.
- 5.90 Ascent becomes gradual, bears E. and W.
- 30.70 Top of long timbered ridge, 340 ft. above sec. cor., bears SE. and NW.; descend gradual N. slope through scattered timber.
- 40.00 On gradual N. slope, 80 ft. below top of ridge.
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 $\frac{1}{4}$ sec. cor., with brass cap marked



from which

An aspen, 4 ins. diam., bears N. 20° E., 80 lks. dist., marked $\frac{1}{4}$ S2 BT.

A pinon, 4 ins. diam., bears S. 75° W., 150 lks. dist., marked $\frac{1}{4}$ S3 BT.

- 42.30 Draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; aspen and pine timber along bottom of draw; ascend gradual S. slope.
- 59.60 Ridge, 130 ft. above draw, bears NE. and NW.; descend rocky N. slope.
- 78.12 Intersect the S. bdy. sec. 34, T. 24 S., R. 4 E., East, 4.42 chs. dist. from the $\frac{1}{4}$ sec. cor. secs. 3 and 34, an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah. I efface the marks on this cor. that pertain to sec. 3.
At point of intersection; on N. slope, 110 ft. below ridge.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 2 and 3, with brass cap marked

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

T24S R4E
S34

S3	S2
T25S	R4E
0	0

1936

mound of stone, 3 ft. base, 2 ft. high, S. of cor. raise a

No bearing trees available.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface 4th rate.

Timber, juniper, pinon, aspen, pine, and mahogany.

Good grazing land.

From the standard cor. secs. 32 and 33, on the S. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 25 S., R. 4 E., group 184, Utah.

North, bet. secs. 32 and 33.

Ascend gradual S. slope of rolling mountainous land, through scattered groves of dense aspen timber and dense short undergrowth.

2.60 Top of ascent, 30 ft. above cor., bears N. 70° E. and S. 70° W.; descend gradual NE. slope.

22.10 Old wagon road, bears NW. and SE.

31.10 Bottom of large main draw, 60 ft. below top of ascent, drains N. 60° W.; ascend gradual S. slope.

40.00 On gradual S. slope, 60 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

‡
S32 | S33

1936

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

Continue ascent over S. slope.

80.00 On top of spur, 490 ft. above the $\frac{1}{4}$ sec. cor., projects SW.

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, for cor. secs. 28, 29, 32, and 33, with brass cap marked

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

T25S	R4E
S29	S28
S32	S33

1936

from which

A Douglas fir, 26 ins. diam., bears N. 68° E., 92 lks. dist., marked T25S R4E S28 BT.

A Douglas fir, 30 ins. diam., bears S. 76°30' E., 217 lks. dist., marked T25S R4E S33 BT.

A Douglas fir, 12 ins. diam., bears S. 70°15' W., 145 lks. dist., marked T25S R4E S32 BT.

A Douglas fir, 10 ins. diam., bears N. 86°30' W., 158 lks. dist., marked T25S R4E S29 BT.

Land, rolling and mountainous, with a general southwesterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, groves of aspen and pine.

Good grazing land.

East, on random line, bet. secs. 28 and 33.

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

80.27 Intersect the N. and S. line, 26 lks. N. of the cor. secs. 27, 28, 33, and 34, heretofore described.

Thence:

N. 89°49' W., on true line, bet. secs. 28 and 33.

Ascend abrupt NE. slope of mountainous land, through dense short undergrowth.

6.40 Trail, bears N. and S.

19.10 Enter scattered aspen and pine timber, bears N. and S.

30.00 Slope changes from an abrupt NE. slope to an abrupt E. slope.

33.90 Top of ridge, 720 ft. above sec. cor., bears N. and S.; descend gradually over rocky SW. slope.

40.27 On gradual SW. slope, 40 ft. below top of ridge.

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

S33

1936

from which

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

BRISRO

An aspen, 6 ins. diam., bears N. 8° E., 12 lks. dist., marked $\frac{1}{4}$ S28 BT.

An aspen, 7 ins. diam., bears S. 37° E., 20 lks. dist., marked $\frac{1}{4}$ S33 BT.

61.10 Small swale, drains SW.; thence descend gradual W. slope.

80.27 The cor. of secs. 28, 29, 32, and 33, 200 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling and mountainous, with a general easterly and westerly exposure and drainage. Volcanic formation.

Soil, shallow gravel and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine on portions of mile.

Good grazing land.

North, bet. secs. 28 and 29.

Descend gradual NW. slope of rolling mountainous land, through scattered timber and undergrowth.

10.60 Draw, 40 ft. below cor., drains SW.; ascend gradually.

17.30 Spur, 60 ft. above draw, projects SW.; descend gradually.

40.00 In open draw, drains SW.

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

$\frac{1}{4}$
 S29 | S28
 1936

from which

An aspen, 8 ins. diam., bears S. 10°15' E., 537 lks. dist., marked $\frac{1}{4}$ S28 BT.

An aspen, 7 ins. diam., bears S. 1° W., 560 lks. dist., marked $\frac{1}{4}$ S29 BT.

Thence, ascend gradually.

41.30 Bend in trail, bears NE. and NW.

47.20 Bottom of wide shallow draw, drains SW.

61.20 Trail, bears NE. and SW.; ascend S. slope.

71.80 Ridge, 330 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend NE. slope through dense aspen and pine timber.

80.00 On NE. slope, 160 ft. below ridge, in dense timber.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 20, 21, 28, and 29, with brass cap marked

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

T25S	R4E
S20	S21
S29	S28

1936

from which

A spruce, 18 ins. diam., bears N. 19°30' E., 16 lks. dist., marked T25S R4E S21 BT.

A spruce, 30 ins. diam., bears S. 83°30' E., 86 lks. dist., marked T25S R4E S28 BT.

A spruce, 24 ins. diam., bears S. 3°45' W., 147 lks. dist., marked T25S R4E S29 BT.

A spruce, 10 ins. diam., bears N. 10°45' W., 30 lks. dist., marked T25S R4E S20 BT.

Land, rolling and mountainous, with a general southwesterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine on portions of mile.

Good grazing land.

S. 89°49' E., on random line, bet. secs. 21 and 28.

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

80.83 Intersect the N. and S. line, 21 lks. N. of the cor. secs. 21, 22, 27, and 28, heretofore described.

Thence:

N. 89°40' W., on true line, bet. secs. 21 and 28.

Ascend rocky E. slope of mountainous land, through scattered timber and undergrowth.

17.70 Small rocky spur, projects SE.; continue ascent.

36.10 Small draw, drains SE.

40.83 On E. slope, 430 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 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

S21

S28

1936

from which

A spruce, 6 ins. diam., bears N. 67°30' E., 223 lks. dist., marked $\frac{1}{4}$ S21 BT.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

A spruce, 24 ins. diam., bears S. 50° E., 233 lks. dist., marked $\frac{1}{4}$ S28 BT.

53.20 Small spur, projects SE.; continue ascent.

57.10 Timber becomes dense, bears N. and S.

64.00 Small draw, drains SE.

65.00 Base of abrupt ascent over steep E. slope of slide rock, bears N. and S.

80.88 The cor. secs. 20, 21, 28, and 29, 500 ft. above the $\frac{1}{4}$ sec. cor.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine.

Good grazing land.

North, on true line, bet. secs. 20 and 21.

Descend gradually over rocky NE. slope of mountainous land through dense timber and scattered undergrowth.

40.00 On rocky NE. slope, 220 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 25 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

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

1936

from which

An aspen, 8 ins. diam., bears S. 89° E., 49 lks. dist., marked $\frac{1}{4}$ S21 BT.

An aspen, 5 ins. diam., bears S. 83°30' W., 12 lks. dist., marked $\frac{1}{4}$ S20 BT.

47.50 Center of small old sheep corral; slope changes from a gradual NE. slope to a gradual N. slope.

61.20 Low swale, 50 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend gradually.

68.40 Rocky spur, 50 ft. above swale, projects N. 80° E.; descend gradually.

78.30 Center of small basin, 70 ft. below spur.

81.02 Intersect the S. bdy. sec. 17, West, 80 lks. dist. from the cor. of secs. 16 and 17, heretofore described.

At point of intersection:

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

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 closing cor. secs. 20 and 21, with brass cap marked

T25S R4E
S17

S20	S21
C	C

1936

from which

An aspen, 6 ins. diam., bears S. 50°45' E., 100 lks. dist., marked T25S R4E S21 CC BT.

An aspen, 8 ins. diam., bears S. 50° W., 23 lks. dist., marked T25S R4E S20 CC BT.

Land, rolling and mountainous, with a general northeasterly exposure and drainage. Volcanic formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush and yellow top.

Timber, aspen and pine.

Good grazing land.

From the cor. of secs. 9 and 10, heretofore described.

West, on random line, along the N. bdy. sec. 9.

6.55 Set temp. cor. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor. sec. 9.

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

80.46 Intersect a line projected N. from the $\frac{1}{4}$ sec. cor. secs. 8 and 9. Set temp. cor. secs. 8 and 9.

Thence:

From the $\frac{1}{4}$ sec. cor. secs. 8 and 9, heretofore described.

North, on true line, bet. secs. 8 and 9.

Across bottom land of wide draw, draining E., through scattered undergrowth.

1.30 Leave bottom lands of draw and ascend rocky S. slope, bears E. and W.

26.00 Enter dense aspen, bears E. and W.

28.30 Leave aspen, bears E. and W.

38.14 Intersect the temp. cor. secs. 8 and 9; on rocky S. slope, 250 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone to top, for cor. secs. 8 and 9, with brass cap marked

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

BRISKO

T25S R4E
84

88 | 89

1936

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, rolling and mountainous, with a general southerly exposure and drainage. Volcanic formation.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen on portion of half mile.

Good grazing land.

From the cor. secs. 9 and 10.

West, on true line, along the N. bdy. sec. 9.

Ascend gradually along steep N. slope of mountainous land through dense short undergrowth, and scattered timber.

6.55 Point which is 80.00 chs. West from the cor. secs. 2 and 3, on steep N. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 3 and 4, with brass cap marked

T25S R4E
84 | 83

89.

1936

from which

An aspen, 6 ins. diam., bears N. 69°30' W., 226 lks. dist., marked T25S R4E 84 BT.

No other suitable bearing tree available.

9.30 Enter dense aspen, bears N. and S.

17.60 Leave aspen, bears N. and S.

23.60 Top of ascent on N. slope, 220 ft. above the cor. secs. 9 and 10, bears N. and S.; descend W. slope.

34.60 Draw, 30 ft. below top of ascent, drains N.; ascend steep E. slope.

40.23 Proportionate point; on steep rocky E. slope, 140 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 9, with brass cap marked

$\frac{1}{4}$ 89

1936

raise a

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

mound of stone, 3 ft. base, 2 ft. high, S. of cor. .

42.60 Enter dense aspen, bears NE. and S. 20° E.

43.20 Leave aspen, bears NE. and S. 20° E.

46.55 On steep rocky E. slope.

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

$\frac{1}{4}$ S4

1936

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

48.10 Slope changes from an E. slope to a NE. slope.

70.60 Top of gradual descent of 10 ft. to saddle in ridge.

72.40 Enter dense aspen, bears N. and S.

75.00 Saddle in ridge; 470 ft. above the $\frac{1}{4}$ sec. cor. sec. 9, bears N. 88° W. and S. 88° E.; thence ascend gradually along S. slope near top of ridge.

78.50 Leave aspen, bears NE. and S.

80.46 The cor. of secs. 8 and 9, 80 ft. above saddle in ridge.

Land, high and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and rock; 4th rate.

Undergrowth, sagebrush and yellow top.

Timber; aspen and pine on portions of mile.

Good grazing land.

From the cor. of secs. 3 and 4.

N. 0°02' W., on true line, bet. secs. 3 and 4.

Descend steep rocky N. slope of mountainous land, through patches of dense aspen timber and scattered short undergrowth.

17.00 Draw, 130 ft. below cor., drains SE.; thence over bottom lands of draw.

24.70 Base of abrupt ascent over rocky S. slope, through juniper and pinon timber, bears E. and W.

31.10 Rocky spur, 150 ft. above draw, projects SW.; descend NW. slope.

33.10 Draw, 20 ft. below spur, drains SW.; ascend rocky S. slope.

37.70 Old trail, bears SE. and SW.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

40.00 On rocky S. slope, 30 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

†
S4 | S3

1936

from which

A mahogany, 8 ins. diam., bears N. 40° E., 59 lks. dist., marked $\frac{1}{4}$ S3 BT.

A mahogany, 7 ins. diam., bears S. 28° W., 207 lks. dist., marked $\frac{1}{4}$ S4 BT.

Continue ascent over rocky S. slope, through scattered juniper, pinon, and mahogany timber.

48.80 Crevice in sandstone ledge, 20 ft. high, faces S. and bears E. and W.

55.30 Ascent becomes gradual, bears E. and W.; at a point 25 lks. E. of line, a bend in trail bearing NE. and SE.

60.80 Head of small draw, drains SE.

71.60 Center of grove of aspen, bears NE. and SW.

78.10 Intersect the S. bdy. of sec. 33, T. 24 S., R. 4 E., East, 4.40 chs. dist. from the $\frac{1}{4}$ sec. cor. secs. 34 and 33, an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S. R. 4 E., under group 143, Utah.

At point of intersection; on gradual S. slope, 480 ft. above the $\frac{1}{4}$ sec. cor. secs. 3 and 4.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 3 and 4, with brass cap marked

T24S R4E
S33

S4 | S3
T25S | R4E
0 0

1936

mound of stone, 3 ft. base, 2 ft. high, S. of cor. raise a

I efface the marks on the $\frac{1}{4}$ sec. cor. secs. 4 and 33, that pertain to sec. 4.

Land, high and mountainous, with a general southerly exposure and drainage. Volcanic and sandstone formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, juniper, pinon, aspen, and mahogany, on portions of mile.

Good grazing land.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

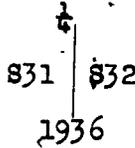
From the standard cor. of secs. 31 and 32, on the S. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 26 S., R. 4 E., under group 184, Utah.

N. 0°01' W., bet. secs. 31 and 32.

Along general E. slope of rolling mountainous land, through clumps of dense aspen and dense short undergrowth.

- 5.70 Small draw, drains SE.
- 16.00 Spur, projects SE.
- 22.30 Small wash, drains E. about 10.00 chs. dist., thence S. 10° E.
- 36.00 Small spur, projects E.
- 40.00 In draw, drains N. 80° E.

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



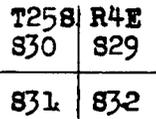
from which

An aspen, 6 ins. diam., bears N. 85°30' W., 89 lks. dist., marked $\frac{1}{4}$ 831 BT.

No other bearing tree available.

- 50.00 Spur, projects E.
- 59.30 Small draw, drains E., 1.00 ch. dist., thence SE.
- 60.60 Large main draw, drains SE.
- 61.00 Old road, bears NW. and SE.; ascend gradual S. slope.
- 63.90 Small spur, projects SW.; continue ascent.
- 65.20 Wash, drains SW.
- 80.00 On SW. slope, 240 ft. above large draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 29, 30, 31, and 32, with brass cap marked



1936

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

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

Timber, clumps of dense aspen on portions of mile.
 Good grazing land.

East, on random line, bet. secs. 29 and 32.

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

79.96 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 28, 29, 32, and 33.

Thence:

S. $89^{\circ}58'$ W., on true line, bet. secs. 29 and 32.

Descend steep NW. slope of mountainous land, through dense short undergrowth.

13.10 Center of grove of aspen timber, bears N. and S.

15.10 Ravine, 225 ft. below the sec. cor., drains S. 10° W.; ascend gradual E. slope.

28.70 Large spur, 40 ft. above ravine, projects S.; descend gradual SW. slope.

39.98 On gradual SW. slope, 40 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

829
 $\frac{1}{4}$ ———
 832

1936

trachyte, 8 x 6 x 5 ins., at base of post, deposit a marked X,

No other suitable accessories available.

46.00 Small ravine, 50 ft. below the $\frac{1}{4}$ sec. cor., drains S. 20° E.; ascend gradual E. slope.

65.00 Long spur, 30 ft. above ravine, projects S.; descend gradual W. slope.

73.00 Draw, 40 ft. below spur, drains S. 10° E.; ascend steep E. slope.

79.00 Spur, 50 ft. above draw, projects S. 20° E.; descend W. slope.

79.96 The cor. secs. 29, 30, 31, and 32, 20 ft. below spur.

Land, rolling and mountainous, with a general southerly exposure and drainage. Volcanic formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, a grove of dense aspen on E. portion of mile.

Good grazing land.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

West, on true line, bet. secs. 30 and 31.

Descend gradually over SW. slope of rolling mountainous land, through groves of dense aspen, and dense short undergrowth.

13.50 Draw, 180 ft. below cor.; drains S., 1.00 ch. dist. to junction with draw draining southeasterly from the W.; thence along the N. side of bottom of draw, through dense aspen.

25.10 Leave bottom of draw and timber and ascend gradual E. slope, bears NE. and SW.

31.30 Low spur, 70 ft. above draw, projects S., 3.00 chs. dist. to end.; descend gradually.

37.40 Main draw, 30 ft. below spur, drains SE.; road in bottom of draw, bears NW. and SE.; ascend gradual N. slope through dense aspen, and pine timber.

40.00 On gradual N. slope, 50 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

$\frac{1}{4}$ $\frac{S30}{S31}$

1936

from which

A Douglas fir, 8 ins. diam., bears N. 71° E., 18 lks. dist., marked $\frac{1}{4}$ S30 BT.

A spruce, 6 ins. diam., bears S. 51° W., 29 lks. dist., marked $\frac{1}{4}$ S31 BT.

Continue gradual ascent along N. slope.

74.63 Intersect the W. bdy. of the township; N. 0°33' W., 2.36 chs. dist. from the cor. of secs. 25 and 36, heretofore described.

At point of intersection; 310 ft. above the $\frac{1}{4}$ sec. cor.

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

T25S	T25S
R3E	S30 C
S25	S31 C
	R4E

1936

from which

A spruce, 30 ins. diam., bears N. 17°30' E., 60 lks. dist., marked T25S R4E S30 CC BT.

An aspen, 7 ins. diam., bears S. 56°30' E., 35 lks. dist., marked T25S R4E S31 CC BT.

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

SUBDIVISION OF A PORTION, T. 25 S. R. 4 E.

Chains

Soil, shallow gravel, clay, and rock, with a rocky surface
4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine on portions of mile.

Good grazing land.

From the cor. of secs. 29, 30, 31, and 32.

N. 0°01' W., bet. secs. 29 and 30.

Ascend gradually along general W. slope of rolling
mountainous land, through scattered aspen timber and
dense short undergrowth.

23.60 Slope changes from a gradual W. slope to a gradual S.
slope.

35.90 Timber becomes dense, bears E. and W.

36.90 Timber becomes scattered, bears E. and W.

40.00 On gradual S. 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

S30 S29

1936

from which

An aspen, 8 ins. diam., bears S. 6°30' E., 230 lks.
dist., marked $\frac{1}{4}$ S29 BT.

An aspen, 10 ins. diam., bears S. 36° W., 189 lks.
dist., marked $\frac{1}{4}$ S30 BT.

Continue gradual ascent over S. and SW. slopes.

80.00 On gradual SW. slope, 360 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the
ground, for cor. secs. 19, 20, 29, and 30, with brass cap
marked

T25S R4E
S19 S20

S30 S29

1936

from which

An aspen, 8 ins. diam., bears N. 34°15' E., 469 lks.
dist., marked T25S R4E S20 BT.

An aspen, 6 ins. diam., bears S. 37°45' E., 450 lks.
dist., marked T25S R4E S29 BT.

An aspen, 7 ins. diam., bears S. 38°15' W., 457 lks.
dist., marked T25S R4E S30 BT.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

An aspen, 7 ins. diam., bears N. 17°45' W., 461 lks. dist., marked T25S R4E S19 BT.

Land, rolling and mountainous, with a general southerly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine on portions of mile.

Good grazing land.

40.00

N. 89°58' E., on random line, bet. secs. 20 and 29.

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

79.98

Intersect the N. and S. line, 7 lks. S. of the cor. secs. 20, 21, 28, and 29.

Thence:

S. 89°55' W., on true line, bet. secs. 20 and 29.

Ascend steep rocky E. slope of mountainous land, through dense timber and scattered undergrowth.

11.00

Top of main divide ridge, 250 ft. above cor., bears NW. and SE.; thence over rolling land.

30.10

Leave rolling land and descend gradual SW. slope, through scattered groves of aspen.

39.99

On SW. slope, 50 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 $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{S20}{S29}$$

1936

from which

An aspen, 8 ins. diam., bears S. 69° E., 17 lks. dist., marked $\frac{1}{4}$ S29 BT.

An aspen, 7 ins. diam., bears N. 36°30' W., 30 lks. dist., marked $\frac{1}{4}$ S20 BT.

48.10

Trail, bears NW. and SE.; thence along gradual S. slope.

79.98

The cor. of secs. 19, 20, 29, and 30, 220 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling and mountainous, with a general northeasterly and southwesterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

Undergrowth, sagebrush, yellow top, and weeds.
 Timber, aspen on portions of mile.
 Good grazing land.

West, on true line, bet. secs. 19 and 30.

Descend gradual SW. slope of rolling mountainous land, through dense short undergrowth.

- 7.50 Enter scattered aspen timber, bears NW. and SW.
- 20.40 Draw, 290 ft. below cor., drains S. 10° E.; ascend gradual SE. slope.
- 37.80 Trail, bears NE. and SW.
- 38.30 Spur, 70 ft. above draw, projects S. 20° W.; descend gradual W. slope.
- 40.00 On gradual W. slope, 20 ft. below spur, in dense aspen.
 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

$\frac{1}{4}$ $\frac{S19}{S30}$

1936

from which

An aspen, 3 ins. diam., bears North, 5 lks. dist., marked BT.

A spruce, 6 ins. diam., bears S. 8° W., 24 lks. dist., marked $\frac{1}{4}$ S30-BT.

- 51.70 Draw, 160 ft. below the $\frac{1}{4}$ sec. cor., drains S. 20° W.; ascend gradually.
- 70.80 Spur, 140 ft. above draw, projects S.; descend gradually.
- 73.28 Intersect the W. bdy. of the township, N. 0°26' W., 2.48 chs. dist. from the cor. of secs. 24 and 25, heretofore described.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 19 and 30, with brass cap marked

T25S | T25S
 R3E | S19 0
 S24 | S30 0
 R4E

1936

from which

An aspen, 8 ins. diam., bears N. 14°15' E., 145 lks. dist., marked $\frac{1}{4}$ T25S R4E S19 00 BT.

An aspen, 6 ins. diam., bears S. 26°45' E., 135 lks. dist., marked T25S R4E S30 00 BT.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay, rock, and gravel; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce.

Good grazing land.

From the cor. secs. 19, 20, 29, and 30.

N. 0°01' W., bet. secs. 19 and 20.

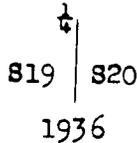
Ascend gradual SW. slope of rolling mountainous land, through scattered groves of aspen timber and scattered short undergrowth.

14.40 Slope changes from a gradual SW. slope to a gradual W. slope.

18.90 Enter dense timber, bears E. and W.

40.00 On gradual W. slope, 150 ft. above sec. cor., in dense timber.

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 $\frac{1}{4}$ sec. cor., with brass cap marked



from which

An aspen, 5 ins. diam., bears N. 55° E., 5 lks. dist., marked $\frac{1}{4}$ S20 BT.

An aspen, 6 ins. diam., bears N. 80° W., 6 lks. dist., marked $\frac{1}{4}$ S19 BT.

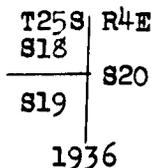
47.80 Slope changes from a gradual W. slope to a gradual S. slope.

55.80 Bottom of long shallow draw, drains S. 20° W.

76.90 Top of main divide ridge, 290 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend steep NE. slope, through dense aspen and spruce timber.

80.00 On steep NE. slope, 75 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the cor. secs. 18 and 19, with brass cap marked



from which

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

A spruce, 10 ins. diam., bears S. 54° W., 16 lks. dist., marked T25S R4E S19 BT.

A spruce, 9 ins. diam., bears N. 29° W., 37 lks. dist., marked T25S R4E S18 BT.

Land, rolling and mountainous, with a general southwest exposure and drainage. Volcanic formation.

Soil, shallow clay, rock, and gravel, with a rocky surface 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce on portions of mile.

Good grazing land.

From the $\frac{1}{4}$ sec. cor. sec. 17, on the S. bdy. sec. 17, heretofore described.

West, on true line, bet. secs. 17 and 20.

Over rolling mountainous land, through dense timber and scattered undergrowth.

0.83 Point midway bet. the closing cors. of secs. 20 and 21, and secs. 17 and 20.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 20, with brass cap marked

$\frac{1}{4}$ S20

1936

from which

An aspen, 6 ins. diam., bears S. 18° E., 9 lks. dist., marked $\frac{1}{4}$ S20 BT.

An aspen, 4 ins. diam., bears S. 38° W., 31 lks. dist., marked $\frac{1}{4}$ S20 BT.

22.40 Forest Service trail, bears NW. and SW.

40.86 Intersect the E. bdy. sec. 18, N. 0°01' W., 1.23 chs. dist. from the cor. secs. 18 and 19.

At point of intersection; 220 ft. above the $\frac{1}{4}$ sec. cor. sec. 17.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 17 and 20, with brass cap marked.

T25S	R4E
S18	S17 C
	S20 C

1936

from which

A spruce, 10 ins. diam., bears N. 40° E., 9 lks. dist., marked T25S R4E S17 C0 BT.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

A spruce, 8 ins. diam., bears S. 45° E., 3 lks. dist., marked T25S R4E S20 CC BT.

Land, rolling and mountainous, with a general northeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce.

Good grazing land.

From the cor. secs. 18 and 19.

West, on true line, bet. secs. 18 and 19.

Ascend along rocky N. slope of mountainous land, through dense timber and scattered short undergrowth.

- 4.90 Top of main divide ridge, 55 ft. above cor., bears NW. and SE.; descend gradually along S. slope.
- 22.50 Small spur, projects SW.
- 33.70 Trail, bears NW. and SE.
- 40.00 On general S. slope, 160 ft. below ridge, in dense aspen. Set an iron post, 3 ft. long, 1 in. diam., 26 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

S18
$\frac{1}{4}$ ———
S19

1936

from which

An aspen, 4 ins. diam., bears N. 45° E., 12 lks. dist., marked $\frac{1}{4}$ S18 BT.

An aspen, 3 ins. diam., bears S. 5° W., 15 lks. dist., marked $\frac{1}{4}$ S19 BT.

- 44.20 Bottom of small depression, drains SE.
- 49.40 Long spur, projects SE.; continue descent along rocky S. slope through dense timber.
- 74.40 Intersect the W. bdy. of the township, N. 1°01' W., 2.42 chs. dist. from the cor. of secs. 13 and 24, heretofore described.

At point of intersection; on general S. slope, 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 closing cor. secs. 18 and 19, with brass cap marked

T25S	T25S
R3E	S18 0
S13	S19 0
	R4E

1936

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

311810

From which
An aspen, 6 ins. diam., bears N. 32° 30' E.; 26 lks. dist., marked T25S R4E S18 CO BT.

An aspen, 7 ins. diam., bears S. 69° E., 269 lks. dist., marked T25S R4E S19 CO BT.

Land, rolling and mountainous, with a general southerly exposure and drainage. Volcanic formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce.

Good grazing land.

From the cor. secs. 18 and 19.

N. 0° 01' W., along the E. bdy. sec. 18.

Descend rocky NE slope of rolling mountainous land, through dense timber and scattered undergrowth.

- 1.23 The closing cor. secs. 17 and 20, heretofore described.
- 17.60 Slope changes from a rocky NE. slope to a rocky E. slope.
- 26.00 Leave spruce timber and enter dense aspen timber, bears E. and W.
- 40.00 On rolling land, 250 ft. below the cor. secs. 18 and 19.
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 $\frac{1}{4}$ sec. cor. sec. 18, with brass cap marked

$\frac{1}{4}$
S18

1936

from which

An aspen, 6 ins. diam., bears S. 53° W., 12 lks. dist., marked $\frac{1}{4}$ S18 BT.

An aspen, 4 ins. diam., bears N. 22° W., 11 lks. dist., marked $\frac{1}{4}$ S18 BT.

- 41.49 Point midway bet. the closing cors. of secs. 8 and 17, and secs. 17 and 20.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 17, with brass cap marked

$\frac{1}{4}$
S17

1936

from which

An aspen, 4 ins. diam., bears N. 70° E., 11 lks. dist., marked $\frac{1}{4}$ S17 BT.

An aspen, 6 ins. diam., bears S. 22° E., 12 lks. dist., marked $\frac{1}{4}$ S17 BT.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

- 43.80 Top of small knoll, bears East, 40 lks. dist.; enter spruce timber, bears E. and W.; slope changes from a gradual E. slope to a gradual NE. slope.
- 63.00 Land becomes more rolling, bears NW. and SE.
- 68.00 Begin abrupt descent over steep N. slope, bears E. and W.
- 75.30 Small stream of good water, 3 lks. wide, 3 ins. deep, in draw, 260 ft. below the $\frac{1}{4}$ sec. cor. sec. 18, flows SE.; ascend gradually.
- 78.30 Small spur, 25 ft. above stream, projects E.; descend gradually.
- 80.00 On gradual N. slope, 20 ft. below spur.
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. secs. 7 and 18, with brass cap marked

T25S	R4E
S7	
S18	S17

1936

From which

A spruce, 12 ins. diam., bears S. $45^{\circ}30'$ W., 35 lks. dist., marked T25S R4E S18 BT.

A spruce, 26 ins. diam., bears N. $87^{\circ}30'$ W., 42 lks. dist., marked T25S R4E S7 BT.

Land, mountainous, with a general northeasterly exposure and drainage. Volcanic formation.

Soil, shallow gravel and clay, with a rocky surface; 4th rate.

Undergrowth, sagebrush and weeds.

Timber, aspen and spruce.

Good grazing land.

From the $\frac{1}{4}$ sec. cor. secs. 8 and 17, heretofore described.

West, on true line, bet. secs. 8 and 17.

Along general bottom of wide draw with small stream draining easterly, through dense short undergrowth.

- 8.30 Leave bottom of draw and ascend gradually along N. slope.
- 11.90 Small irrigation ditch with small stream of water, drains SE.
- 26.20 Low spur, projects N. 20° E., 3.00 chs. dist. to end.
- 38.90 Bottom of main draw with small seeps of good water along bottom, drains N. 80° E.; ascend abrupt rocky E. slope through dense aspen.
- 43.20 Intersect the E. bdy. sec. 7, N. $0^{\circ}01'$ W., 1.75 chs. dist. from the cor. secs. 7 and 18.

SUBDIVISION OF A PORTION? T. 25 S., R. 24 E.

Chains

At point of intersection; on steep rocky E. slope, 370 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 8 and 17, with brass cap marked

T25S	R4E	
	S8	0
S7		0
	S17	0

1936

from which

An aspen, 6 ins. diam., bears N. $31^{\circ}30'$ E., 12 lks. dist., marked T25S R4E S8 00 BT.

An aspen, 6 ins. diam., bears S. 46° E., 13 lks. dist., marked T25S R4E S17 00 BT.

Land, rolling and mountainous, with a general easterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock, with a rocky surface 4th rate.

Undergrowth, sagebrush, willows, yellow top, and weeds.

Timber, aspen and pine.

Good grazing land.

From the cor. secs. 7 and 18.

West, on true line, bet. secs. 7 and 18.

Ascend gradual E. slope of rolling mountainous land, through dense timber and scattered short undergrowth.

6.60 Low spur, projects SE.

13.80 Intersect small seep of good water in patch of dense willows.

22.10 Low spur, projects N., 3.00 chs. dist. to end.

24.30 Trail, bears NW. and SE.

38.20 Leave timber, bears N. and S.

40.00 On rolling land, 280 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

	S7
$\frac{1}{4}$	S18

1936

from which

A spruce, 6 ins. diam., bears S. $85^{\circ}45'$ E., 239 lks. dist., marked $\frac{1}{4}$ S18 BT.

87

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

A spruce, 36 ins. diam., bears N. 88°30' W., 560 lks. dist., marked $\frac{1}{4}$ S7 BT.

52.00 Enter aspen and spruce timber, bears N. and S.

59.00 Forest Service trail, bears N. 80° W. and S. 80° E.

72.00 Leave aspen timber, bears NE. and SW.

75.36 Intersect the W. bdy. of the township, N. 3°11' W., 2.08 chs. dist. from the cor. of secs. 12 and 13, heretofore described.

At point of intersection; 140 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 7 and 18, with brass cap marked

T25S	T25S
R3E	S7 C
S12	S18 C
	R4E

1936

from which

An aspen, 8 ins. diam., bears N. 54° E., 473 lks. dist., marked T25S R4E S7 CC BT.

A balsam, 8 ins. diam., bears S. 21° E., 104 lks. dist., marked T25S R4E S18 CC BT.

Land, rolling and mountainous with a general easterly and southeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine.

Good grazing land.

From the cor. secs. 7 and 18.

N. 0°01' W., along the E. bdy. sec. 7.

Descend abrupt NE. slope of rolling mountainous land, through dense timber and scattered short undergrowth.

1.75 The closing cor. secs. 8 and 17, heretofore described.

5.20 Leave timber, bears E. and W.; thence over rolling land.

11.50 Small spur, projects E.

20.20 Shallow draw, drains SE., and heads NW., 6.00 chs. dist.

26.40 Enter dense aspen timber, bears NE. and SW.

27.50 Small spur, projects S. 70° E.

40.00 On rolling land.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 7, with brass cap marked

$\frac{1}{4}$
S7

1936

from which

An aspen, 5 ins. diam., bears S. 20° W., 54 lks. dist., marked $\frac{1}{4}$ S7 BT.

An aspen, 6 ins. diam., bears N. 20° W., 147 lks. dist., marked $\frac{1}{4}$ S7 BT.

40.80 Long rocky spur, projects N. 80° E.

41.75 Point which is a northing of 40.00 chs. from the closing cor. secs. 8 and 17.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 8, with brass cap marked

$\frac{1}{4}$
S8

a

1936

from which

An aspen, 6 ins. diam., bears N. 59° E., 12 lks. dist., marked $\frac{1}{4}$ S8 BT.

An aspen, 8 ins. diam., bears S. 47° E., 12 lks. dist., marked $\frac{1}{4}$ S8 BT.

48.30 Leave timber, bears NW. and SE.

54.90 Small irrigation ditch with small stream of good water, flows SE.

58.00 Shallow draw, drains NE., 6.50 chs. dist., thence E.

60.00 Small spur, projects E.; 5.00 chs. dist. to end.

66.40 Shallow draw, drains SE.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 7 and 8, with brass cap marked

T25S R4E
S5

S7 | S8

1936

of stone, 3 ft. base, 2 ft. high, S. of cor. raise a mound

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen on portion of mile.

good grazing land.

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

East, on random line, along the N. bdy. sec. 8.

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

83.22 Fall 9 lks. N. of the cor. secs. 8 and 9.

Thence:

N. $89^{\circ}55'$ W., on true line, along the N. bdy. sec. 8.

Ascend gradually along rocky S. slope of mountainous land, through dense short undergrowth.

6.09 Point which is a westing of 80.00 chs. from the cor. secs. 3 and 4.

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. secs. 4 and 5, with brass cap marked

T25S	R4E
85	84

88

1936

trachyte, 9 x 8 x 8 ins., at base of post, marked X. deposit a

8.80 Top of ascent on S. slope, 15 ft. above cor. secs. 8 and 9, slopes S.; descend gradual W. slope.

14.00 Base of descent from W. slope, bears N. and S.; thence ascend gradual E. slope.

35.00 Enter scattered aspen timber, bears N. and S.

40.00 On gradual E. slope, 140 ft. above sec. cor., on W. edge of Forest Service trail, bears NW. and SE.

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. 8, with brass cap marked

$\frac{1}{4}$ 88

1936

from which

An aspen, 6 ins. diam., bears S. $42^{\circ}15'$ E., 73 lks. dist., marked $\frac{1}{4}$ 88 BT.

An aspen, 5 ins. diam., bears S. $11^{\circ}30'$ W., 176 lks. dist., marked $\frac{1}{4}$ 88 BT.

44.90 Small spur, projects NE.

46.09 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 5, with brass cap marked

$\frac{1}{4}$ 85

1936

from which

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

aridno

An aspen, 7 ins. diam., bears N. 0°30' E., 323 lks. dist., marked $\frac{1}{4}$ S5 BT.

An aspen, 6 ins. diam., bears N. 32°15' W., 233 lks. dist., marked $\frac{1}{4}$ S5 BT.

Thence along gradual N. slope.

49.70 Enter dense aspen timber, bears NE. and SW.

60.00 Intersect small spring of good water in patch of dense willows, drains N. 20° E.; thence through dense willows.

65.00 Leave willows and enter dense aspen, bears N. and S.

69.80 Small spur, projects NE.

73.90 Draw, drains NE., and heads SW., 6.00 chs. dist.

79.10 Leave timber, bears N. and S.

83.22 The cor. secs. 7 and 8, 360 ft. above the $\frac{1}{4}$ sec. cor. sec. 8.

Land, rolling and mountainous, with a general northeaster exposure and drainage. Volcanic formation.

Soil, shallow clay and gravel, with a rocky surface; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and pine on portions of mile.

Good grazing land.

West, on true line, along the N. bdy. sec. 7.

Ascend rocky E. slope of rolling mountainous land, through scattered groves of dense aspen timber and scattered short undergrowth.

2.87 Point which is a westing of 80.00 chs. from the cor. secs. 4 and 5.

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, for cor. secs. 5 and 6, with brass cap marked

T25S	R4E
S6	S5

S7

1936

trachyte, 9 x 9 x 5 ins., at base of post, marked X deposit a

14.00 Spur, 125 ft. above the cor. secs. 7 and 8, projects S. 70° E.; thence over rolling land.

34.80 Small pond of water, bears South, 4.00 chs. dist.

40.00 On rolling E. slope of mountainous land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 7, with brass cap marked

SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

‡ S7

1936

from which

An aspen, 7 ins. diam., bears S. 51°30' E., 24 lks. dist., marked ‡ S7 BT.

An aspen, 5 ins. diam., bears S. 17°15' W., 56 lks. dist., marked ‡ S7 BT.

42.87 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ‡ sec. cor. sec. 6; with brass cap marked

‡ S6

1936

from which

An aspen, 4 ins. diam., bears N. 25° E., 56 lks. dist., marked ‡ S6 BT.

An aspen, 4 ins. diam., bears N. 47°30' W., 53 lks. dist., marked ‡ S6 BT.

51.60 Ascent becomes more gradual, bears NW. and SE.

61.10 Small ravine, drains SE., and heads N. 20° W., 2.00 chs. dist.

64.20 Ascent becomes more abrupt, bears N. and S.

71.50 Forest Service trail, bears NW. and SE.

77.48 Intersect the W. bdy. of the township, N. 1°11' W., 2.02 chs. dist. from the cor. secs. 1 and 12, heretofore described.

At point of intersection, 270 ft. above the ‡ sec. cor. sec. 7.

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 closing cor. secs. 6 and 7, with brass cap marked

T25S	T25S
R3E	S6 0
S1	S7 0
	R4E

1936

from which

A spruce, 8 ins. diam., bears N. 71° E., 46 lks. dist., marked T25S R4E S6 00 BT.

An aspen, 7 ins. diam., bears S. 77° E., 52 lks. dist., marked T25S R4E S7 00 BT.

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

SUBDIVISION OF A PORTION, T. 238N, R. 104E.

Chains

Soil, shallow clay, gravel, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds.

Timber, aspen and spruce.

Good grazing land.

From the cor. secs. 4 and 5, heretofore described.

N, 0°03' W., on true line; bet. secs. 4 and 5.

Ascend gradual S. slope of rolling mountainous land; through dense short undergrowth.

2.20 Ridge, 30 ft. above cor., bears SE. and SW.; descend steep rocky N. slope.

7.80 Enter scattered spruce timber, bears E. and W.

12.00 Leave spruce timber and enter dense aspen timber, bears E. and W.

16.50 Leave timber, bears E. and W.

30.10 Enter dense aspen timber, bears E. and W.

33.30 Center of an old sheep corral, 5.00 chs. long and 3.00 ch. wide.

34.20 Leave aspen timber, bears E. and SW.

40.00 On rolling land, 480 ft. below ridge.

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 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S5 | S4

1936

from which

An aspen, 6 ins. diam., bears S. 15° E., 365 lks. dist., marked $\frac{1}{4}$ S4 BT.

An aspen, 4 ins. diam., bears S. 2° W., 393 lks. dist., marked $\frac{1}{4}$ S5 BT.

48.30 Enter dense aspen timber, bears E. and W.

52.00 Bottom of large main draw, 90 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; small seeps of good water and dense willows along bottom of draw.

53.10 Small spring branch, flows SE. to main draw; ascend steep rocky S. slope through pinon, juniper, and mahogany timber.

61.40 Small rocky draw, drains S. 60° E.

73.90 Small spur, projects SW.

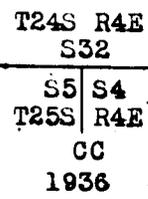
SUBDIVISION OF A PORTION, T. 25 S., R. 4 E.

Chains

- 76.50 Recross same draw as at the 61.40 chs. point, drains SW,, and heads NE. 2.00 chs. dist.
- 78.12 Intersect the S. bdy. sec. 32, T. 24 S., R. 4 E., East 4.32 chs. dist. from the $\frac{1}{4}$ sec. cor. set for secs 5 and 32, an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah. I efface the marks on the cor. monument that pertain to sec. 5.

At point of intersection; on S. slope, 500 ft. above large, main draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 4 and 5, with brass cap marked



from which

A spruce, 30 ins. diam., bears S.35°15'E., 169 lks. dist., marked T25S R4E S4 CC BT

A mahogany, 8 ins. diam., bears S.8°15'W., 354 lks. dist., marked T25S R4E S5 CC BT

Land, rolling and mountainous, with a general southeasterly exposure and drainage. Volcanic formation.

Soil, shallow gravel, clay, and rock; 4th rate.

Undergrowth, sagebrush, yellow top, and weeds. Dense willows along bottom of main draw.

Timber, aspen, spruce, and mahogany on portions of mile.

Good grazing land.

From the cor. secs. 5 and 6, heretofore described.

N.0°03'W., on true line, bet. secs. 5 and 6.

Ascend gradual S. slope of rolling, mountainous land, through dense short undergrowth.

- 1.30 Low spur, 20 ft. above cor., projects NE.; descend gradual NE. slope.
- 7.20 Enter dense aspen timber, bears E. and W.
- 30.70 Small stream of good water in bottom of large, main draw, 340 ft. below spur, flows NE.; ascend rocky S. slope.
- 36.60 Leave timber, bears E & W.
- 40.00 On S. slope, 100 ft. above stream.

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 $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF A PORTION, T. 24 S., R. 4 E.

Chains

antlndc

- 08.87
 11.87
 S6 | S5
 1936
 deposit a
 trachyte, 9x8x8 ins., at base of post, marked X.
 51.60 Spur, 160 ft. above the $\frac{1}{2}$ sec. cor., projects SE.;
 thence along E. slope.
 56.60 Begin gradual descent over N. slope, bears E. and W.
 66.00 Enter dense aspen timber, bears E. and W.
 73.00 Slope changes from a gradual N. slope to a gradual
 E. slope.
 78.04 Intersect the S. bdy. sec. 31, T. 24 S., R. 4 E., East,
 4.42 chs. dist. from the $\frac{1}{2}$ sec. cor. set for secs. 6 and
 31, an iron post, 1 in. diam., set, marked and witnessed
 as described in the official record of the survey of T.
 24 S., R. 4 E., under group 143, Utah. I efface the
 marks on the cor. monument that pertain to sec. 6.

At point of intersection:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 the ground, for closing cor. secs. 5 and 6, with brass
 cap marked.

T24S R4E

S31

S6 | S5
 T25S R4E

CC
 1936

from which

An aspen, 5 ins. diam., bears S.9°E., 8 lks. dist,
 marked T25S R4E S5 CC BT

An aspen, 6 ins. diam., bears S.59°W., 11 lks. dist,
 marked T25S R4E S6 CC BT

Land, rolling and mountainous, with a general easterly
 exposure and drainage. Volcanic formation.

Soil, clay, gravel and rock, with a rocky surface;
 4th rate.

Undergrowth, sagebrush, yellow top and weeds.

Timber, aspen on portions of mile.

Good grazing land.

ESTABLISHMENT OF THE NORTH $\frac{1}{4}$ SECTION CORNERS OF THE
NORTH TIER OF SECTIONS, T. 25 S., R. 4 E.

Chains

At midpoint on the north boundary of sec. 1.

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

$\frac{1}{4}$ S1

1936

from which

A juniper, 8 ins. diam., bears S.13°E., 32 lks. dist., marked $\frac{1}{4}$ S1 BT

A juniper limb, 6 ins. diam., bears S.69°W., 69 lks. dist., marked $\frac{1}{4}$ S1 BT

From this cor. the cor. originally set for 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. 24 S., R. 4 E., under group 143, Utah, bears West 4.21 chs. dist.

I efface the marks on the cor. monument and bearing tree, that pertain to sec. 2, T. 25 S., R. 4 E.

At midpoint on the north boundary of sec. 2.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 2, with brass cap marked

$\frac{1}{4}$ S2

1936

from which

A juniper, 20 ins. diam., bears S.32°E., 152 lks. dist., marked $\frac{1}{4}$ S2 BT

A pinon, 3 ins. diam., bears S.40°30'W., 140 lks. dist., marked BT

From this cor. the cor. originally set for secs 2, 3, 34, and 35, an iron post, 2 ins. diam., set, marked and witnessed, as described in the official record of the survey of T. 24 S., R. 4 E., under group 143, Utah, bears West 4.34 chs. dist.

I efface the marks that pertain to sec. 3 on the cor. monument, and remove the mound of stone from the W. side to the N. side of post.

At midpoint on the north boundary of sec. 3.

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

$\frac{1}{4}$ S3

raise a mound

of stone, 3 ft. base, 2 ft. high, S. of cor.

From this cor. the cor. originally set for secs. 3, 4, 36, and 34, an iron post, 2 ins. diam., set, marked and witnessed, as described in the official record of the

ESTABLISHMENT OF THE NORTH $\frac{1}{2}$ SECTION CORNERS OF THE
NORTH TIER OF SECTIONS, T. 25 S., R. 4 E.

Chains

survey of T. 24 S.,
R. 4 E., under group 143, Utah, bears West 4.41 chs. dis

I efface the marks on this cor. monument that pertain to
sec. 4, and remove the mound of stone from the W. side
of the post to the N. side.

At midpoint on the north boundary of sec. 4

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for $\frac{1}{2}$ sec. cor. sec. 4, with brass cap marked

$\frac{1}{2}$ S4

1936

from which

A mahogany, 8 ins. diam., bears S.87°30'W., 50 lks.
dist., marked $\frac{1}{2}$ S4 BT

No other bearing tree available.

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of post

From this cor. the cor. originally set for secs. 4, 5,
32, and 33, an iron post, 2 ins. diam., set, marked and
witnessed, as described in the official record of the
survey of T. 24 S., R. 4 E., under group 143, Utah, bears
West 4.36 chs. dist.

I efface the marks on this cor. monument that pertain to
sec. 5, and remove the mound of stone from the W. side
of the post to the N. side.

At midpoint on the north boundary of sec. 5.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for $\frac{1}{2}$ sec. cor. sec. 5, with brass cap marked

$\frac{1}{2}$ S5

1936

from which

An aspen, 8 ins. diam., bears S.82°E., 159 lks.
dist., marked $\frac{1}{2}$ S5 BT

An aspen, 10 ins. diam., bears S.32°45'W., 255 lks.
dist., marked $\frac{1}{2}$ S5 BT

From this cor. the cor. originally set for secs. 5, 6,
31, and 32, an iron post, 2 ins. diam., set, marked and
witnessed, as described in the official record of the
survey of T. 24 S., R. 4 E., under group 143, Utah, bears
West 4.37 chs. dist.

I efface the marks on the cor. monument and bearing tree
that pertain to sec. 6, T. 25 S., R. 4 E.

At a point 40.00 chs. west of the closing cor. of secs.
5 and 6, on the north boundary of the township heretofore
described.

ESTABLISHMENT OF THE NORTH $\frac{1}{4}$ SECTION CORNERS OF THE
NORTH TIER OF SECTIONS, T. 25 S., R. 4 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 6, with brass cap marked

$\frac{1}{4}$ S6
1936

from which

A balsam, 6 ins. diam., bears S.27°E., 27 lks. dist., marked $\frac{1}{4}$ S6 BT

A balsam, 20 ins. diam., bears S.15°30'W., 28 lks. dist., marked $\frac{1}{4}$ S6 BT

GENERAL DESCRIPTION

The land within the boundaries of this township consists of the general east slopes of the Fish Lake Mountains, and has a general easterly and southeasterly exposure and drainage. The extreme southeast portion of the township consists of broken sandstone and shale breaks, and is of a sandstone, shale, and volcanic formation, while the remainder of the township consists mostly of low, rolling ridges and spurs, cut by wide, shallow draws, and is of a volcanic formation.

The soil on the slopes of the ridges and spurs, consists of shallow gravel, clay, and rock, the surface of which is covered with volcanic boulders, and may be classified as fourth rate, and the soil of the bottom lands of the wide draws and basins consists of a deep, heavy clay, and may be classified as third rate.

The northwest portion of the township is at an elevation of about 10,000 feet above sea level, while the elevation of the southeast portion is about 6,500 feet above sea level.

The west portion of the township is covered with scattered groves of dense aspen and scattered pine timber, while the east portion is covered with a scattered and dense growth of juniper, pinon, and mahogany. The timber has no commercial value except for firewood and fencing.

On the slopes of the spurs and ridges a dense short undergrowth of sagebrush, yellow top, and weeds, is found; and in the bottom lands of the wide draws and basins the undergrowth consists of a dense growth of sagebrush, scattered service berry, rabbit brush, yellow top, and weeds. A fair growth of grass was found throughout most portions of the township.

All of the township, except the privately owned areas, is within the boundaries of the Fish Lake National Forest, and is used for a grazing range for stock, under the supervision of the Forest Service.

A graded road enters the township near the northeast corner, and bears in a southwesterly direction from Utah State Highway No. 10, to Fremont, Utah, leaving the township at the south boundary of section 33. This is the only improved road in the township. A blazed Forest Service trail leaves this road in section 33, and bears in a northwesterly direction, leaving the township at the west boundary of section 6. Numerous other trails and old wood roads are found throughout the township, making all portions accessible for grazing of stock.

A number of small springs and small streams of water are found throughout the township, furnishing water for stock grazing in the township.

The land of the fractional portion of this township is

GENERAL DESCRIPTION.

Chains

not suitable for cultivation, but is valuable and extensively used for grazing of cattle and sheep.

No settlers were located on portions of this township included in this survey, and no indications of valuable minerals, oil, oil shale or coal, were noted.

The mean magnetic declination was found to be 16-3/4° East.

FIELD ASSISTANTS

NAMES	CAPACITY
Sidney R. Reese	Principal Assistant
Philander Maxwell	Chainman
Clark Bird	Flagman
Stanley F. Greene	Cornerman
Edward N. Reid	Axman

CADASTRAL ENGINEER.
CERTIFICATE OF UNITED STATES SURVEYOR

I, Ralph Gentry, Cadastral Engineer, HEREBY CERTIFY upon honor the
pursuance of special instructions bearing date of the 4th day of June 1934
received from the district cadastral engineer for Utah, with assignm
instructions dated May 12, 1936, I have surveyed the boundaries and subdiv
completing the survey of T. 25 S., R. 4 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 notes
Salt Lake City, Utah.
April 26, 1938.

Ralph Gentry
Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,
Denver, Colorado. FEB 16 1942, 19

The foregoing field notes of the survey of the boundaries and subdivision,
completing the survey of T. 25 S., R. 4 E., Salt Lake Meridian, Utah

executed by Ralph Gentry, Cadastral Engineer
under special instructions dated June 4, 1934, and assignm
instructions dated May 12, 1936, having been critically examined, s
the necessary corrections made prior to their certification by the engineer, the said field notes, and the sur
therein described, are hereby approved.

Wm. H. Orman
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.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK A-521

F

FIELD NOTES

RECEIVED

JAN 31 1939

U. S. Department of Interior
Public Survey Office
Salt Lake City, Utah

INDEPENDENT RESURVEY OF PORTIONS OF THE SUBDIVISION AND THE FIFTH
STANDARD PARALLEL SOUTH, THROUGH R. 5 E., ESTABLISHMENT OF THE NORTH
SECTION CORNERS OF THE NORTH TIER OF SECTIONS, AND SURVEY OF THE
WEST BOUNDARY, AND A PORTION OF THE SUBDIVISION, COMPLETING THE SURVEY
OF T. 25 S., R. 5 E.

Of the Salt Lake Meridian,

of the State of Utah

EXECUTED BY

Elliot Bird, Cadastral Engineer

Under special instructions dated June 4, 1934, which provided
the surveys included under Group No. 259, bearing the approval of the
Commissioner of the General Land Office under date of June 26, 1934

Supplemental assignment instructions dated May 25, 1937, and April 20,

Survey commenced November 26, 1937.

Survey completed June 22, 1938.

INDEX DIAGRAM.

Township 25 South, Range 5 East
 77 77 76 76 76 75

6	74	5	61	4	52	3	41	2	36	1	10
73		72		61		51		40		35	
7	71	8	59	9	49	10	39	11	34	12	9
29		69		58		48		38		33	
18	28	17	56	16	47	15	37	14	33	13	8
		68		55		45	19	18	14	32	
19	26	20	54	21	44	22	17	23	13	24	8
25		67		53		43		16		31	
30	66	29	24	28	43	27	15	26	12	25	7
65		64		21	20	19				30	
31	63	32	22	33		24		35	11	34	6
5		3						2		1	

T. 25 S., R. 5 E.

Chains

The survey of T. 25 S., R. 5 E., Salt Lake Meridian, Utah, was executed by Elliot Bird, Cadastral Engineer, with Buff and Buff transit No. 18003. The instrument is the property of the General Land Office, and is equipped with a Smith solar attachment and has a full vertical circle. 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 circle. The instrument was approved for use on this survey, conditional upon satisfactory field tests, by the district cadastral engineer for Utah, in supplemental assignment instructions dated May 25, 1937 and April 20, 1938.

The solar attachment was not used on this survey, and all controlling meridians were established by observations on 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 line, taking the mean of direct and reversed sights.

In order to simplify this record, the random lines of the resurveys are not shown.

The measurements are made with a Lallie steel ribbon tape, 5 chains in length. The tape is graduated every link for the first 100 links and thereafter at intervals of 10 links, and was compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined with large improved clinometers, and the slope measurements properly reduced to true horizontal distances.

DIFFIDENT RESURVEY OF THE 5TH STAN. PAR. S., THROUGH R. 5E.

Reestablishment of surveys executed by
Ferdinand Dickert, U.S. Deputy Surveyor,
in 1878.

November 27, 1937: Stationed at the standard cor. of T. 25 S., R. 5 and 6 E., in approximate latitude 38°35' N., longitude 111°18' W., at 3h 36.9m p.m. local mean time, 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 flag pole about 20 chain to the N. of my station, in a clockwise direction to the star.

Watch time of observation, (correct 105
meridian standard time)..... 4h 02.1m p.m.

Mean horizontal deflection angle flag
pole to star..... 1° 18' 30"

Azimuth of Polaris at time of observation 1° 18' 30".

True bearing to flag pole, North.

Thence, from the above cor., which is an iron post, 3 ins. diam., with brass cap, set, marked, and witnessed, as described in the official record of the survey of Group 214, Utah, I deflect an angle of 89°56' in a counter clockwise direction from the true meridian; thence:

N. 89°56' W., along the S. bdy. of sec. 36, T. 25 S., R. 5 E.

DEPENDENT RESURVEY 5TH STAN. PAR. S., THROUGH R. 5 E.

Chains

Over rolling desert land, through scattered short undergrowth.

13.20 Barbed wire fence, bears N. and S.

39.95 Proportionate point; find no trace of the original standard $\frac{1}{4}$ sec. cor. sec. 35.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored standard $\frac{1}{4}$ sec. cor. sec. 35, with brass cap marked

SC
 $\frac{1}{4}$ S35

1937

volcanic stone, 8 x 8 x 8 ins., at base of post, marked X. deposit a

No other suitable accessories available.

68.50 Unimproved road, bears N. 20° W. and S. 20° E.

79.90 The standard cor. of secs. 35 and 36, which is a broken conglomerate stone, found in the center of a small mound of stone. Cor. has no accessories and no marks found on the pieces of the cor. monument, but as its position agrees closely with the cors. to the N., E., and W., I take it for the true point for cor.

At the cor. point:

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the broken pieces of the cor. monument deposited at the base of the post, for the standard cor. of secs. 35 and 36, with brass cap marked

S C
T25S | R5E
S35 | S36

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

Land, rolling with a general southeasterly exposure and drainage.

Soil, deep loose sand and clay; 3rd rate.

Undergrowth, sage, black, and rabbit brush, Brigham tea, yellow top, weeds, and grass.

No timber.

Fair winter grazing land.

N. 88°26' W., along the S. bdy. sec. 35.

Over rolling desert land, through scattered short undergrowth.

13.80 Junction of washes, 10 lks. wide, 4 ft. deep, drains S. 80° E. from N. 80° W. and S. 80° W.

DEPENDENT RESURVEY 5TH STANDARD PAR. S., THROUGH R. 5 E.

Chains

24.80 Wash, 50 lks. wde, 3 ft. deep, drains S. 80° E.

40.06 The standard $\frac{1}{4}$ sec. cor. sec. 35, a sandstone, 12 x 10 x 10 ins., lying on ground, marked $\frac{1}{4}$ on bottom face. Cor. has no accessories.

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 the standard $\frac{1}{4}$ sec. cor. sec. 35, with brass cap marked

SC
$\frac{1}{4}$ S35

1937

No suitable accessories available.

Note: This half mile of line was resurveyed in order to verify the position of the standard cor. secs. 35 and 36.

Land, rolling, with a general easterly exposure and drainage.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage, rabbit, and black brush, yellow top, Brigham tea, weeds, and grass.

No timber.

Fair winter grazing land.

Note: The standard parallel from the standard $\frac{1}{4}$ sec. cor. sec. 35, to the standard cor. of secs. 32 and 33, was not resurveyed, as this portion of the parallel does not form the boundary of the unsurveyed portion of T. 25 S., R. 5 E.

The standard cor. of secs. 32 and 33, is a red sandstone, 36 x 24 x 6 ins., firmly set, in a mound of stone, marked 4 notches on E. edge, 2 notches on W. edge, and SC on N. face. Cor. has no accessories.

At the cor. point, on steep S. slope.

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 standard cor. secs. 32 and 33, with brass cap marked

S C
T25S R5E
S32 S33

1938

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence, from the above cor.

S. 89°39' W., along the S. bdy. sec. 32.

along S. slope of broken mountainous land, at the N. side of Solomon Wash, through scattered short undergrowth.

Chains

- 27.00 Low spur, slopes S., 5.00 chs. dist. to end.
- 40.00 The standard $\frac{1}{2}$ sec. cor. sec. 32, a sandstone, 12 ins. x 12 ins., firmly set in ground and small mound of stone, marked $\frac{1}{2}$ on N. face. Cor. has no accessories.

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 the standard $\frac{1}{2}$ sec. cor. sec. 32, with brass cap marked

SC
 $\frac{1}{2}$ S32

1938

from which

A juniper, 12 ins. diam., bears N. 28° E., 25 lks. dist., marked SC $\frac{1}{2}$ S32 BT.

A pinon, 6 ins. diam., bears N. 53°45' W., 185 lks. dist., marked SC $\frac{1}{2}$ S32 BT.

Thence:

S. 89°40' W., with continuous measurement.

- 45.00 Bend in Soloman Wash, 50 lks. wide, 6 ft., deep, drains S. 60° E. from S. 60° W., also junction of draw draining from the NW.; trail in bottom of draw, bears NW. and SE.
- 49.40 Recross Soloman Wash, drains SE.
- 54.50 Recross Soloman Wash, drains NE.
- 63.20 Drift fence, bears N. 3.00 chs. dist. to a vertical ledge, and S., 5.00 chs. dist. to a vertical ledge.
- 65.90 Bend in wash, 50 lks. wide, 10 ft. deep, drains S. 80° E. from SW.
- 75.10 Recross wash, drains S. 75° E.; ascend abrupt ledgy NE. slope.
- 80.00 Find no trace of the standard cor. secs. 31 and 32. On abrupt ledgy NE. slope, 70 ft. above wash. 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, for standard cor. secs. 31 and 32, with brass cap marked

S C
T25S | R5E
S31 | S32

1938

from which

A pinon, 3 ins. diam., bears N. 30°30' E., 65 lks. dist., marked BT.

No other bearing trees available.

DEPENDENT RESURVEY 5TH STAN. PAR. S., THROUGH R. 5 E.

Chains

Land, rolling, with a general easterly exposure and drainage.

Soil, deep clay and sand; 3rd rate.

Undergrowth, sage, black, and rabbit brush, shadscale, Brigham tea, greasewood, weeds, and grass.

Timber, a few scattered scrub juniper and pinon on W. half of mile.

Fair winter grazing land.

S. 89°40' W., along the S. bdy. sec. 31.

Ascend abrupt ledgy NE. slope of broken mountainous land, through scattered short undergrowth and timber.

- 1.20 Top of sandstone rim, 45 ft. high, faces NE. and bears NW. and SE.; ascend gradual NE. slope.
- 13.60 Spur, 220 ft. above cor., projects NE.; thence ascend gradual NE. slope.
- 35.30 Spur, 230 ft. above cor., projects NE.; descend broken NE. slope.
- 40.00 On broken general NW. slope, 50 ft. below spur; find no trace of the original standard $\frac{1}{2}$ sec. cor. sec. 31.
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the standard $\frac{1}{2}$ sec. cor. sec. 31, with brass cap marked
- SC
1 S31
- 1938
- raise a
- mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Thence ascend gradual NE. slope.
- 41.40 Blue shale spur, 20 ft. above the $\frac{1}{2}$ sec. cor., projects NW.; descend gradual N. slope.
- 47.00 Gulch, 40 ft. below spur, drains N. 80° E.; ascend gradual SE. slope.
- 49.10 Spur, 40 ft. above gulch, slopes S., 1.50 chs. dist. to end; descend SW. slope.
- 51.40 Recross gulch, 40 ft. below spur, drains SE.; ascend abrupt general NE. slope, over blue shale breaks.
- 67.77 The original standard cor. of Ts. 25 S., Rs. 4 and 5 E., which was changed to an angle point as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

Cor. is on top of spur, 370 ft. above gulch, projects SE.;

Thence:

N. 89°50' W., with continuous measurement.

DEPENDENT RESURVEY 5TH STAN. PAR. 5 THROUGH R. 5 E.

Chains

73.24 The closing standard cor. of Ts. 25 S., Rs. 4 and 5 E., an iron post, 3 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

Land, broken and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow clay and shale, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, Brigham tea, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

SURVEY OF THE EAST BOUNDARY, T. 25 S., R. 5 E.

From the standard cor. of Ts. 25 S., Rs. 5 and 6 E., heretofore described.

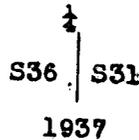
North, bet. secs. 31 and 36.

Ascend gradually over rocky SW. slope of bench, through scattered short undergrowth.

8.30 Top of SW. rim of bench, 100 ft. above cor., bears NW. and SE.; thence over rolling top of bench.

40.00 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



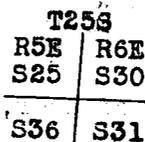
mound of stone, 3 ft. base, 2 ft. high, W. of cor. raise a

69.00 Base of abrupt ascent over SE. slope of elongated hill, bears N. 60° W. and S. 60° E.;

79.00 Top of elongated hill, 180 ft. above the $\frac{1}{4}$ sec. cor., bears N. 60° W. and S. 60° E.; descend abrupt NE. slope.

80.00 On abrupt NE. slope, 20 ft. below top of hill.

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



1937

from which
A juniper, 6 ins. diam., bears N. 85° E., 64 lks. dist., marked BT.

SURVEY OF THE EAST BOUNDARY, T. 25 S., R. 5 E.

Chains

A juniper, 6 ins. diam., bears N. 17° W., 80 lks. dist., marked BT.

Trees too scrubby for other marks and no other suitable bearing trees available.

Land, rolling, with a general southwesterly exposure and drainage.

Soil, clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, and black brush, Brigham tea, shadscale, weeds, and grass.

Timber, a few scattered juniper on N. portion of mile.

Fair winter grazing land.

North, bet. secs. 25 and 30.

Descend abrupt rocky NE. slope of broken bench land, through scattered short undergrowth.

10.00 Base of descent, 200 ft. below cor., bears N. 80° W. and S. 80° E.; thence over rolling desert land.

40.00 On gradual N. slope of rolling desert 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

S25	S30
1937	

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

78.20 Unimproved road, bears NE. and SW.

80.00 On rolling land.

Set an iron post, 5 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 19, 24, 25, and 30, with brass cap marked

T25S	
R5E	R6E
S24	S19
S25	S30
1937	

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

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, greasewood, Brigham tea, shadscale, weeds, and grass.

No timber.

Fair winter grazing land.

SURVEY OF THE EAST BOUNDARY, T. 25 N., R. 65 E.

Chains

North, bet. secs. 19 and 24.

Over rolling desert land, through scattered short under

40.00 On gradual NE. slope.

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

$\frac{1}{4}$
 S24 | S19
 1937

deposit a sandstone, 9 x 9 x 6 ins., at base of post, marked X.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 13, 18, 19, and 24, with brass cap marked

T25S
 R5E | R6E
 S13 | S18
 S24 | S19
 1937

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

Land, rolling.

Soil, deep sand and clay; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, Brigham tea, weeds, and grass.

No timber.

Fair winter grazing land.

North, bet. secs. 13 and 18.

Over rolling desert land, through scattered short undergrowth.

8.20 Dim road, bears N. 80° E. and S. 60° W.

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

$\frac{1}{4}$
 S13 | S18
 1937

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

61.00 Last Chance Creek, a dry channel, 1.00 ch. wide, 10 ft. deep, drains NE. from S. 20° W.

SURVEY OF THE EAST BOUNDARY, T. 25 S., R. 5 E.

Chains

80.00

On rolling sand hills.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 7, 12, 13, and 18, with brass cap marked

T25S	
R5E	R6E
S12	S7
S13	S18

1937

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

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, shadscale, greasewood, Brigham tea, weeds, and grass.

No timber.

Fair winter grazing land.

North, bet. secs. 7 and 12.

Over rolling land, through scattered short undergrowth.

40.00

On nearly level land.

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

S12	S7
-----	----

1937

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

47.50

Wash, 50 lks. wide, 4 ft. deep, drains S. 80° E.

54.00

Draw, 10 ft. deep, drains S. 80° E., and heads N. 80° W., 1.50 chs. dist.

69.50

Net wire fence, bears E., 1.50 chs. dist. to vertical ledge, 130 ft. high, bears SE. and N. 20° W., and W., about 10.00 chs. dist. to vertical ledge bears NE. and SW.

75.00

Base of abrupt ascent over broken sandstone ledges at E. side of cove, bears S. 20° E., and N. 20° W., 1.50 chs. dist., thence SW.

80.00

On shelf of ledges, 90 ft. above base.

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, for cor. of secs. 1, 6, 7, and 12, with brass cap marked

T25S	
R5E	R6E
S1	S6
S12	S7

1937

SURVEY OF THE EAST BOUNDARY, T. 25 S., R. 5 E.

Chains

Deposit a sandstone, 18 x 10 x 10 ins., at base of post, marked X.

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, shadscale, greasewood, Brigham tea, weeds, and grass.

No timber.

Fair winter grazing land.

North, bet. secs. 1 and 6.

Ascend steep, ledgy S. slope of high mesa land, through scattered short undergrowth.

6.00 Top of S. rim of mesa, 210 ft. above cor., bears E. and W. thence over broken mesa land.

14.50 Draw, 20 ft. deep, drains S. 20° W.

40.00 On broken sandstone rim, bears S. 80° E. and W.

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
 1937

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

Thence descend gradual N. slope.

49.50 Draw, 90 ft. below the $\frac{1}{4}$ sec. cor., drains N. 80° E., and heads S. 80° W., about 10.00 chs. dist.; ascend gradual S. slope.

60.70 Blue shale ridge, 50 ft. above draw, bears N. 80° W., and S. 80° E., 3.00 chs. dist., thence NE.; descend gradual N. slope.

74.50 Bottom of large main draw, 70 ft. below ridge, drains N. 80° E.; ascend gradual S. slope.

78.32 Intersect the S. bdy. of sec. 36, T. 24 S., R. 5 E., East, 5.93 chs. dist. from the $\frac{1}{4}$ sec. cor. sec. 36, an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

At point of intersection; on gradual S. slope, 20 ft. above draw.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for closing cor. Ts. 25 S., Rs. 5 and 6 E., with brass cap marked

SURVEY OF THE EAST BOUNDARY, T. 25 S., R. 5 E.

Chains

T248 R5E

S36

S1	S6
R5E	R6E

T258

CC

1937

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

Land, broken, with a general southerly and northeasterly exposure and drainage.

Soil, shallow clay, sand, and rock; 4th rate.

Undergrowth, sage and black brush, Brigham tea, shadscale, yellow top, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Fair winter grazing land.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Reestablishment of surveys executed by Andrew P. Hanson, U.S. Deputy Surveyor, in 1895.

From the standard cor. of secs. 35 and 36, heretofore described.

N. 1°10' E., bet. secs. 35 and 36.

Over rolling desert land, through scattered short undergrowth.

37.70 Base of S. breaks of high sandstone point, bears E. and SW.; ascend abrupt ledgy S. slope.

40.13 Proportionate point; find no trace of the $\frac{1}{4}$ sec. cor. secs. 35 and 36.

On steep S. slope, 120 ft. above base of breaks.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. secs. 35 and 36, with brass cap marked

$\frac{1}{4}$

S35	S36
-----	-----

1937

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

42.00 Top of S. rim of high sandstone point, 80 ft. above the $\frac{1}{4}$ sec. cor., bears E. and SW.; thence over level top of sandstone point which projects E., about 20.00 chs. dist.

44.00 Top of N. rim of sandstone point, bears E. and W.; descend abrupt ledgy N. slope.

50.00 Base of sandstone point, 220 ft. below top, bears NW. and SE.; thence over rolling desert land.

DEPENDENT RESURVEY OF THE SUBDIVISION T. 25 S., R. 5 E.

Chains

- 65.70 Unimproved road, bears NW. and SE.
- 71.70 Low rise, 10 ft. high, bears E. and SW.
- 76.90 Recross road, bears NE. and SW.

80.26 The cor. of secs. 25, 26, 35, and 36, a trachyte, 18 x 16 x 12 ins., loosely set in a small mound of stone, marked 1 notch on E. and S. edges. Cor. has no accessories.

At the cor. point, on rolling desert land.

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. 25, 26, 35, and 36, with brass cap marked

T25S	R5E
S26	S25
S35	S36

1937

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

Land, rolling, with a general southeasterly exposure and drainage.

Soil, shallow loose sand and clay; 3rd rate.

Undergrowth, sage and black brush, shadscale, Brigham tea yellow top, weeds, and grass.

No timber.

Fair winter grazing land.

N. 0°17' E., bet. secs. 25 and 26.

Over rolling desert land, through scattered short undergrowth.

40.04 The $\frac{1}{4}$ sec. cor. secs. 25 and 26, a trachyte, 18 x 16 x 12 ins., firmly set, marked $\frac{1}{4}$ on W. face.

Cor. has no accessories.

At the cor. point, on rolling desert land.

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 $\frac{1}{4}$ sec. cor. secs. 25 and 26, with brass cap marked

$\frac{1}{4}$
S26 S25
1937

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

Thence:

N. 0°39' E., with continuous measurement.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

30.07 The cor. of secs. 23, 24, 25, and 26, a trachyte, 12 x 12 x 10 ins., loosely set, marked 1 groove on E. face and 2 grooves on S. face. Cor. has no accessories.

At the cor. point, on rolling desert land.

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. secs. 23, 24, 25, and 26, with brass cap marked

T25S	R5E
S23	S24
S26	S25

1937

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

Land, rolling.

Soil, deep loose sand and clay; 3rd rate.

Undergrowth, sage and black brush, greasewood, Brigham tea, shadscale, weeds, and grass.

No timber.

Fair winter grazing land.

N. 0°28' E., bet. secs. 23 and 24.

Over rolling desert land; through scattered short undergrowth.

40.05 The sec. cor. secs. 23 and 24, a trachyte, 12 x 10 x 8 ins., loosely set in a small mound of stone, marked on W. face. Cor. has no accessories.

At the cor. point, on rolling land.

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 sec. cor. secs. 23 and 24, with brass cap marked

S23	S24
-----	-----

1937

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

Thence:

N. 0°09' E., with continuous measurement.

60.00 Solomon wash, 200 lks. wide, 10 ft. deep, drains N. 80° E., 2.00 chs. dist., thence N. 30° E.

62.80 Cor. of barbed wire fence, bears N., and S. 59°30' W., 6.20 chs. dist., thence S. 36°45' W.; thence along line of fence.

78.50 Wash, 2.00 chs. wide, 15 ft. deep, drains N. 80° E.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

80.01

The cor. of secs. 13, 14, 23, and 24, a sandstone, 12 x 12 x 8 ins., loosely set in a small mound of stone, marked 1 groove on E. face and 3 grooves on S. face. Cor. has no accessories.

at the cor. point, in fence line bearing N. and S.

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. secs. 13, 14, 23, and 24, with brass cap marked

T25S	R5E
S14	S13
S23	S24

1937

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

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, greasewood, Brigham tea, yellow top, weeds, and grass.

No timber.

Fair winter grazing land.

N. 0°01' W., bet. secs. 13 and 14.

Over rolling desert land, through scattered short undergrowth.

8.30 The NE. cor. of fences bearing S. and W.

8.80 Last Chance Creek, a dry channel, 1.50 chs. wide, 30 ft. deep, drains E.

11.00 Dim road, bears E. and W.

40.00 Find no trace of the 1/4 sec. cor. secs. 13 and 14.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored 1/4 sec. cor. secs. 13 and 14, with brass cap marked

S14	S13
-----	-----

1937

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

Land, rolling, with a general easterly exposure and drainage.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, greasewood, Brigham tea, yellow top, weeds, and grass.

No timber. Fair winter grazing land.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Original

The cor. of secs. 26, 27, 34, and 35, is a trachyte, 18 x 12 x 12 ins., firmly set in the ground and small mound of stone, marked 1 notch on S. edge and 2 notches on E. Cor. has no accessories.

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 cor. secs. 26, 27, 34, and 35, with brass cap marked

T25S	R5E
S27	S26
S34	S35

1937

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

Thence, from the above cor.

N. 0°21' E., bet. secs. 26 and 27.

Over broken mountainous land, through scattered timber and undergrowth.

2.90 Soloman Wash, 1.50 chs. wide, 30 ft. deep, drains NE.

4.30 Small spur, 20 ft. high, projects E.

6.40 Draw, 30 ft. below spur, drains SE.; ascend gradual SW. slope.

22.10 Spur, 260 ft. above draw, projects W.; descend gradually along broken W. slope.

34.30 Head of draw, 120 ft. below spur, drains W., 7.00 chs. dist., thence SW.;

39.33 On ledgy SW. slope.

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, for witness cor. to the 1/4 sec. cor. secs. 26 and 27, with brass cap marked

W C	
1/4	
S27	S26

1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post.

40.08 Proportionate point, find no trace of the 1/4 sec. cor. secs. 26 and 27. The true point for the 1/4 sec. cor. falls on face of ledge, at top of spur, 260 ft. above draw, projects S. 30° E., where it is impossible to set a cor. At this point on spur, is the W. face of a high sandstone butte; descend abrupt N. slope.

50.80 Head of draw, 120 ft. below spur, drains E., 5.00 chs. dist., thence NE.; ascend gradually along E. slope.

75.00 Spur, 80 ft. above head of draw, slopes E.; descend gradual NE. slope.

Chains

80.16 Find no trace of the cor. of secs. 22, 23, 26, and 27; proportionate point bet. the cor. of secs. 26, 27, 34, 35, and the cor. of secs. 14, 15, 22, and 23, and at record distance to the W. of the cor. of secs. 23, 24, 25, and 26.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in ground to solid rock and in a large mound of stone, for the restored cor. of secs. 22, 23, 26, and 27, with brass cap marked

T25S	R5E
S22	S23
S27	S26

1937

from which

A juniper, 3 ins. diam., bears N. 11° E., 93 lks. dist., marked BT.

A pinon, 6 ins. diam., bears S. 68°30' E., 159 lks. dist., marked T25S R5E S26 BT.

A pinon, 6 ins. diam., bears S. 61°30' W., 56 lks. dist., marked BT. Tree too scrubby for other marks.

A pinon, 5 ins. diam., bears N. 8°15' W., 71 lks. dist., marked BT. Tree too scrubby for other marks.

Land, broken, with a general southeasterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 3rd rate.

Undergrowth, sage and black brush, Brigham tea, shadscale, yellow top, weeds, and grass.

Timber, scattered scrub juniper and pinon.

Fair winter grazing land.

From the cor. of secs. 23, 24, 25, and 26.

S. 89°49' W., bet. secs. 23 and 26.

Over rolling desert land, through scattered short undergrowth.

20.00 Soloman Wash, 1.50 chs. wide, 20 ft. deep, drains N. 20°

39.87 Proportionate point; find no trace of the $\frac{1}{4}$ sec. cor. sec 23 and 26.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. secs. 23 and 26, with brass cap marked

S23

S26

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

CHAINS

60.00 Top of volcanic knoll, 50 ft. high.
 76.00 Base of broken mountainous land, bears N. and S.; thence ascend gradual NE. slope.
 79.74 The cor. of secs. 22, 23, 26, and 27, 40 ft. above base of mountainous land.
 Land, rolling.
 Soil, deep clay and sand; 3rd rate.
 Undergrowth, sage and black brush, greasewood, Brigham tea, yellow top, weeds, and grass.
 Timber, a few scattered scrub juniper and pinon on W. portion of mile.
 Fair winter grazing land.

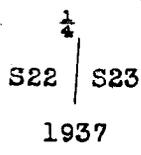
N. 0°01' W., bet. secs. 22 and 23.

Descend gradual NE. slope of broken mountainous land, through scattered timber and undergrowth.

19.00 Leave timber and mountainous land, bears NW. and SE.; thence over rolling desert land.

40.08 Proportionate point; find no trace of the $\frac{1}{4}$ sec. cor. secs. 22 and 23.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored $\frac{1}{4}$ sec. cor. secs. 22 and 23, with brass cap marked



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

40.40 Barbed wire fence, bears N. 89°45' W., and S. 89°45' E.

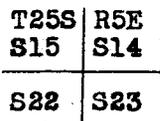
59.30 Barbed wire fence, bears S. 20°45' E., and N. 5° W.

65.50 Recross fence, bears N. 29°45' E., and S. 29°45' W., 1.50 chs. dist., thence southerly.

80.16 The cor. of secs. 14, 15, 22, and 23, an iron pipe, $\frac{1}{2}$ in. diam., firmly driven in the ground alongside of a cedar post, which I take for the true point for the cor. of secs. 14, 15, 22, and 23.

Alongside the iron pipe.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the restored cor. of secs. 14, 15, 22, and 23, with brass cap marked



1937

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

Chains

From this cor., the N. gable of a one room log cabin belonging to Ervin Robinson, bears S. 34°47' W., 15.90 dist.

The NW. cor. of a pole corral, bears S. 35° W., 14.70 dist.

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, Brigham tea, shadscale, yellow top, and weeds.

No timber.

Fair winter grazing land.

From the cor. of secs. 13, 14, 23, and 24,

N. 89°57' W., bet. secs. 14 and 23.

Over rolling land, through scattered short undergrowth.

39.91

The $\frac{1}{4}$ sec. cor. secs. 14 and 23, a trachyte, 16 x 12 x 8 ins., loosely set, marked $\frac{1}{4}$ on N. face. Cor. has no accessories.

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 $\frac{1}{4}$ sec. cor. secs. 14 and 23, with brass cap marked

S14

S23

1937

mound of stone, 3 ft. base, 2 ft. high, N. of cor. raise a

From this cor., a large lone juniper tree, bears S. 53°14' W., 47.39 chs. dist.

Thence:

S. 89°55' W., with continuous measurement.

53.70

Intersect an old well, about 15 ft. deep.

56.40

Irrigation ditch, 5 lks. wide, 1 ft. deep, drains S.35° E.

71.80

Barbed wire fence, bears S. 29°45' W. and N. 29°45' E.

80.15

The cor. of secs. 14, 15, 23, and 23.

Land, rolling.

Soil, deep clay and sand; 3rd rate.

Undergrowth, sage and black brush, greasewood, shadscale, yellow top, weeds, and grass.

No timber.

Fair winter grazing land.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

- N. 0°01' W., bet. secs. 14 and 15.
- Over rolling desert land, through scattered short undergrowth.
- 8.50 Bend in irrigation ditch, 5 lks. wide, 1 ft. deep, drains S. 20° W. from N. 20° W.
- 22.80 Find no trace of the witness cor. to the ¼ sec. cor. secs. 14 and 15.
- 24.10 Barbed wire fence, bears E. and W.
- 25.70 Irrigation ditch, 5 lks. wide, 1 ft. deep, drains SE.
- 27.40 Last Chance Creek, small intermittent stream of alkali water in channel, 1.00 ch. wide, 15 ft. deep, flows E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. secs. 14 and 15, with brass cap marked

4
S15 | S14
1937

raise a

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

Cor. set at base of high red sandstone and shale reef, bears NE. and SW.

Land, rolling.

Soil, deep clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, rabbit, and black brush, shadscale, greasewood, Brigham tea, yellow top, weeds, and grass.

No timber.

Fair winter grazing land.

From the cor. secs. 26, 27, 34, and 35.

West, bet. secs. 27 and 34.

Over broken mountainous land, through scattered timber and undergrowth.

- 2.40 Solomon Wash, 1.50 chs. wide, 30 ft. deep, drains NE.
- 12.80 Draw, 20 ft. deep, drains SE., about 4.00 chs. dist. to its junction with Solomon Wash.
- 20.00 Spur, 20 ft. high, projects SE., 2.00 chs. dist. to end.
- 25.00 Shallow draw, drains S. 60° E.
- 39.80 The ¼ sec. cor. secs. 27 and 34, a trachyte, 12 x 12 x 10 ins., firmly set, marked ¼ on N. face. Cor. has no accessories.
- At the cor. point, on rolling land.
- Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the

Chains

ground to solid rock and in a large mound of stone, with the original cor. monument deposited at the base of the post, for $\frac{1}{4}$ sec. cor. secs. 27 and 34, with brass cap marked

S27
 $\frac{1}{4}$ ———
 S34

1938

from which

A juniper, 6 ins. diam., bears N. 79° W., 105 lks. dist., marked $\frac{1}{4}$ S27 BT.

No other bearing tree available.

Thence:

N. 89°43' W., with continuous measurement.

- 53.70 Base of broken vertical sandstone ledges, bear N. and S.
- 60.00 Base of high vertical sandstone ledge, bears N. and S.
- 65.00 Top of ledges, 180 ft. above base, bears N. and S.; ascend gradual NE. slope.
- 79.65 The cor. of secs. 27, 28, 33, and 34, a trachyte, 15 x 12 x 6 ins., loosely set in mound of stone, marked 1 notch on S. edge and 3 notches on E. edge. Cor. has no accessories.

At the cor. point, on gradual NE. slope, 90 ft. above top 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. secs. 27, 28, 33, and 34, with brass cap marked

T25S	R5E
S28	S27
S33	S34

1938

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

No suitable bearing trees available.

Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, and black brush, Brigham tea, silver leaf, shadscale, greasewood, weeds, and grass.

Timber, a few scrub juniper and pinon.

Fair winter grazing land.

N. 0°02' W., bet. secs. 27 and 28.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

Descend gradual NE, slope of broken mountainous land, through scattered timber and undergrowth.

4.50 Small depression, 20 ft. below cor., drains E.; ascend gradual S. slope.

10.70 Top of small rise, 60 ft. above bottom of depression, bears E. and S. 10° W.; descend abrupt broken N. slope.

40.00 Record course and distance, find no trace of the 1/4 sec. cor. secs. 27 and 28.

On broken N. slope, 250 ft. below top of rise.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the restored 1/4 sec. cor. secs. 27 and 28, with brass cap marked

S28 | S27

1938

from which

A pinon, 18 ins. diam., bears S. 50°45' E., 196 lks. dist., marked 1/4 S27 BT.

A pinon, 12 ins. diam., bears S. 4°15' W., 151 lks. dist., marked 1/4 S28 BT.

Land, broken and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, shadscale, yellow top, weeds, and grass.

Timber, scrub juniper and pinon.

Fair winter grazing land.

From the cor. of secs. 27, 28, 33, and 34.

S. 89°56' W., bet. secs. 28 and 33.

Ascend gradual NE. slope of broken mountainous land, through scattered timber and undergrowth.

1.10 Low rise, 20 ft. above cor., bears N. and SE.; descend abrupt W. slope.

15.00 Gulch, 150 ft. below rise, drains SE.; ascend gradual NE. slope.

20.80 Top of ascent on spur, 100 ft. above gulch, slopes NW.; descend gradual SW. slope.

32.70 Gulch, 50 ft. below spur, drains SE.; ascend gradual NE. slope.

40.00 Proportionate point; find no trace of the 1/4 sec. cor. secs. 28 and 33.

On broken NE. slope, 50 ft. above gulch.

Chains

CHAINS

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, for restored 4 sec. cor. secs. 28 and 33, with brass cap marked

S28

S33

1938

deposit a volcanic stone, 10 x 10 x 8 ins., at base of post, marked X.

No suitable bearing trees available.

- 45.00 Base of abrupt ascent over ledgy E. slope, bears N. and S.
- 61.60 Top of E. rim of spur, projects SE. and bears SE. and NW. thence over nearly flat top of spur.
- 70.60 Top of W. rim of spur, bears N. and S.; descend steep S. slope.
- 80.00 The cor. of secs. 28, 29, 32, and 33, a trachyte, 18 x 12 x 12 ins., firmly set, marked 4 grooves on E. face and 1 groove on S. face. Cor. has no accessories.

At the cor. point, on steep W. slope, 170 ft. below top of 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. secs. 28, 29, 32, and 33, with brass cap marked

T253	R5E
S29	S28
S32	S33

1938

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

No bearing trees available.

Land, broken and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, shadscale, weeds, and grass.

Timber, scrub juniper and pinon.

Fair winter grazing land.

From the standard cor. of secs. 32 and 33, on the S. bdy. of the township, heretofore described.

N. 0°19' W., bet. secs. 32 and 33.

Ascend abrupt SW. slope of shale ridge and mountainous land through scattered short undergrowth.

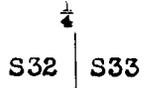
DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

- 1.20 Sharp shale ridge, 30 ft. above cor., bears NW. and SE.; descend steep N. slope.
- 17.20 Wash, 20 lks. wide, 2 ft. deep, 90 ft. below ridge, drains SE.; thence over rolling land.
- 24.30 Base of abrupt ascent over S. slope of shale spur, bears NE. and SW.
- 28.70 Spur, 60 ft. above wash, projects SE.; descend steep NE. slope.
- 32.20 Gulch, 50 ft. below spur, drains E., 2.00 chs. dist., thence SE.; ascend abrupt SW. slope.
- 39.10 Top of sharp red shale spur, 150 ft. above gulch, projects SE.; descend steep NE. slope.
- 39.80 Proportionate point, find no trace of the $\frac{1}{4}$ sec. cor. secs. 32 and 33.

On abrupt NE. slope, 40 ft. below spur.

Set an iron post, 5 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and in a large mound of stone, for the restored $\frac{1}{4}$ sec. cor. secs. 32 and 33, with brass cap marked



deposit a sandstone, 9 x 9 x 5 ins., at base of post, marked X.

- 44.10 Draw, 40 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; ascend ledgy S. slope.
- 47.20 Spur, 60 ft. above draw, projects SE.; descend steep NE. slope.
- 50.60 Gulch, 70 ft. below spur, drains E., 2.00 chs. dist., thence SE.; ascend along ledgy W. slope.
- 58.40 Spur, 70 ft. above gulch, slopes W.; descend gradually along W. slope.
- 60.90 Gulch, 50 ft. below spur, drains SW., 3.50 chs. dist. to junction with gulch; ascend gradually along general W. slope.
- 79.60 The cor. secs. 28, 29, 32, and 33, 280 ft. above gulch.

Land, broken and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, shadscale, yellow top, weeds, and grass.

No timber.

Fair winter grazing land.

Chains

N. 0°03' W.; bet. secs. 28 and 29.

Ascend gradually along general W. slope of rough mountainous land, through scattered undergrowth and timber.

- 11.70 Head of gulch, drains SW.; continue ascent.
- 21.90 Ridge, 170 ft. above sec. cor., bears NW. and S. 30° E.
- 37.00 Draw, 90 ft. below ridge, drains E.; 4.00 chs. dist.; thence SE.; ascend gradual S. slope.
- 40.00 Record course and distance; find no trace of the $\frac{1}{2}$ sec. cor. secs. 28 and 29.

On gradual S. slope; 80 ft. above draw.

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, for the restored $\frac{1}{2}$ sec. cor. secs. 28 and 29, with brass cap marked

S29	S28
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1938

deposit a sandstone, 10 x 10 x 5 ins., at base of post, marked X.

- 45.00 Spur, 30 ft. above cor., projects S. 30° E.; descend N. slope.
- 48.70 Gulch, 30 ft. below spur, drains SE.; ascend broken S. slope.
- 54.40 Gulch, 30 ft. deep; drains SE.; continue ascent.
- 59.70 Spur, 70 ft. above gulch, projects S. 60° E.; descend gradual NE. slope.
- 67.70 Small draw, 20 ft. below spur, drains SE.; ascend gradual SW. slope.
- 74.00 Ridge, 50 ft. above draw, bears N. 80° W. and S. 80° E.; descend broken NE. slope.
- 80.00 Record course and distance; find no trace of the cor. secs. 20, 21, 28, and 29.

On broken NE. slope, 50 ft. below ridge.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the restored cor. of secs. 20, 21, 28, and 29, with brass cap marked

T25S	R5E
S20	S21

S29	S28
-----	-----

1938

from which

A pinon, 6 ins. diam.; bears S. 89° E., 51 lks. dist., marked T25S R5E S28 BT.

A pinon, 8 ins. diam., bears S. 81°30' W., 54 lks. dist., marked T25S R5E S29 BT.

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

No other suitable bearing trees available.

Land, broken and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, Brigham tea, silver leave, shadscale, weeds, and grass.

Timber, scrub juniper and pinon.

Fair winter grazing land.

From the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

N. 89°00' E., along the S. bdy. of sec. 19.

Ascend gradually over general NW. slope of high mountainous land, through very dense timber and scattered undergrowth.

- 13.20 Slope changes from a gradual NW. slope to a gradual S. slope.
- 27.30 Ridge, 150 ft. above cor., bears S. and W. 30° W.; descend abrupt E. slope through scattered timber, bears with ridge.
- 30.00 Slope changes from an abrupt E. slope to a gradual S. slope.
- 33.30 Point which is a westing of 40.00 chs. from the closing cor. secs. 29 and 30.

On general S. slope, 90 ft. below ridge.

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

$\frac{1}{4}$ S30

1938

from which

A pinon, 12 ins. diam., bears S. 63° E., 164 lks. dist., marked $\frac{1}{4}$ S30 BT.

No other bearing tree available.

- 40.01 Proportionate point; find no trace of the $\frac{1}{4}$ sec. cor. secs. 19 and 30.

On broken S. slope, 50 ft. below the $\frac{1}{4}$ sec. cor. sec. 30.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. 19, with brass cap marked

$\frac{1}{4}$ S19

1938

from which

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

A pinon, 14 ins. diam., bears N. 77° E., 55 lks. dist., marked \ddagger S19 BT.

A pinon, 10 ins. diam., bears N. 25° W., 46 lks. dist., marked \ddagger S19 BT.

48.60 Top of vertical rim of high sandstone breaks facing SE., 140 ft. below the sec. cor. sec. 19, bears SW. and N. 80° E.; thence over nearly inaccessible sandstone break

61.00 Find no trace of the witness cbr. to the cor. secs. 19, 29, and 30.

73.31 The closing cor. secs. 29 and 30, subsequently set at this point.

80.02 At record distance E. from the cor. of secs. 19, 24, 25, and 30 on the W. bdy. of the township, and at record distance S. from the sec. cor. secs. 19 and 20.

On steep SE. slope of sandstone breaks, 530 ft. below top of rim, mark a cross (X) on the sandstone surface rock, over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. secs. 19 and 20, with brass cap marked

T25S	R5E
S19	S20

S29

1938

No suitable bearing trees available.

Land, broken and mountainous, with a general westerly and southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, yellow top, shadscale, and weeds.

Timber, juniper and pinon.

Poor grazing land.

N. 0°10' W., bet. secs. 19 and 20.

Ascend abrupt S. slope of nearly inaccessible sandstone breaks, through scattered undergrowth and timber.

8.30 Top of vertical rim of sandstone breaks, 360 ft. above cor., bears SE. and SW.; ascend abrupt SW. slope.

18.50 Find no trace of the witness cor. to the cor. of secs. 19, 20, 29, and 30.

21.40 Slope changes from an abrupt SW. slope to an abrupt SE. slope.

24.00 The E. edge of a small circular basin.

27.50 Ridge, 380 ft. above top of sandstone rim, bears N. 85° W. and NE.; descend gradual NW. slope.

40.00 The sec. cor. secs. 19 and 20, a trachyte, 18 x 12 x 8

DEPENDENT RESURVEY OF THE SUBDIVISION, T. 25 S., R. 5 E.

Chains

ins., firmly set in the ground and small mound of stone, marked 4 on W. face. Cor. has no accessories.

At the cor. point, at head of grassy swale, 50 ft. below ridge, drains N. 20° W.

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. 19 and 20, with brass cap marked



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

Thence:

N. 0°15' E., with continuous measurement.

Descend gradually along general NW. slope, through dense timber.

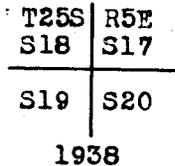
46.70 Slope changes from a gradual NW. slope to a gradual NE. slope.

80.10 The cor. of secs. 17, 18, 19, and 20, a trachyte, 12 x 12 x 12 ins., loosely set, marked 5 notches on E. edge and 3 notches on S. edge. Cor. is witnessed by one bearing tree as follows.

A pinon, 10 ins. diam., bears N. 37°30' W., 38 lks. dist., upon which I find dim scribe marks. I blaze and mark this tree T25S R5E S18 BT.

At the cor. point, on general NE. slope, 210 ft. below 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, with the original cor. monument deposited at the base of the post, for cor. secs. 17, 18, 19, and 20, with brass cap marked



I mark additional bearing trees to cor. as follows.

A juniper, 12 ins. diam., bears N. 68°15' E., 43 lks. dist., marked T25S R5E S17 BT.

A juniper, 8 ins. diam., bears S. 14°30' E., 20 lks. dist., marked T25S R5E S20 BT.

A juniper, 8 ins. diam., bears S. 49° W., 26 lks. dist., marked T25S R5E S19 BT.

Land, rough and mountainous, with a general southeasterly and northeasterly exposure and drainage.

4. Soil, shallow sand and clay, with a rocky surface; 4th rate.

Chains

Undergrowth, sage and black brush, manzanita, mahogany, silver leaf, Brigham tea, shadscale, weeds, and grass.

Timber, Juniper and pinon.

Fair grazing land.

N. $0^{\circ}57'$ E., bet. secs. 17 and 18.

Descend gradually over general NE. slope of rough mountainous land, through dense timber and undergrowth.

29.50 Gulch, 290 ft. below cor., drains N. 70° W.; ascend broken SW. slope.

37.60 Spur, 80 ft. above gulch, projects N. 80° W.; descend abrupt NW. slope.

39.84 The $\frac{1}{2}$ sec. cor. secs. 17 and 18, a trachyte, 12 x 12 x 12 ins., firmly set, marked $\frac{1}{2}$ on W. face. Cor. is witnessed by two bearing trees as follows.

A pinon, 10 ins. diam., bears S. 80° E., 52 lks. dist., marked $\frac{1}{2}$ S BT.

A pinon, 10 ins. diam., bears N. 80° W., 11 lks. dist., marked $\frac{1}{2}$ S BT. I blaze and mark this tree $\frac{1}{2}$ S18 BT.

At the cor. point, on steep NW. slope, 80 ft. below spur.

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, with the original cor. monument deposited at the base of the post, for $\frac{1}{2}$ sec. cor. secs. 17 and 18, with brass cap marked

S18 | S17

1938

I mark an additional bearing tree to cor. as follows.

A pinon, 6 ins. diam., bears N. $64^{\circ}15'$ E., 41 lks. dist., marked $\frac{1}{2}$ S17 BT.

Thence:

N. $0^{\circ}48'$ E., with continuous measurement.

52.50 Gulch, 200 ft. below the $\frac{1}{2}$ sec. cor., drains N. 50° E.; ascend vertical sandstone ledge on N. side of gulch.

54.90 Top of vertical ledge, 80 ft. high, bears N. 50° E. and S. 50° W.; thence ascend gradual SE. slope.

57.20 Small spur, 100 ft. above gulch, projects E., 4.00 chs. dist. to end; descend gradual NE. slope.

60.60 Gulch, 30 ft. below spur, drains S. 60° E.; ascend SE. slope.

79.84 Find no trace of the cor. secs. 7, 8, 17, and 18.

At record distance to the N. of the $\frac{1}{2}$ sec. cor. secs. 17 and 18, and record distance to the E. of the cor. of secs.

Chains

7 and 18, on the W. bdy. of the township.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for the restored cor. of secs. 17 and 18, with brass cap marked

T25S R5E

S8

S18 | S17

1938

from which

A juniper, 21 ins. diam., bears S. 19°15' E., 28 lks. dist., marked T25S R5E S17 BT.

A pinon, 10 ins. diam., bears S. 47°45' W., 70 lks. dist., marked T25S R5E S18 BT.

Cor. set on gradual SE. slope, 160 ft. above gulch.

Land, broken and mountainous, with a general northwesterly and southeasterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, manzanita, Brigham-tea, weeds, and grass.

Timber, juniper and pinon.

Fair winter grazing land.

S. 89°02' W., along the N. bdy. sec. 18.

Ascend gradual SE. slope of high mountainous land, through dense timber and scattered undergrowth.

10.96 The cor. of secs. 7 and 8, subsequently set at this point.

40.01 Proportionate point; find no trace of the ¼ sec. cor. set for secs. 7 and 18.

On general SE. slope. 250 ft. above cor. secs. 17 and 18.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. sec. 18, with brass cap marked

¼ S18

1938

from which

A pinon, 9 ins. diam., bears S. 88°30' E., 18 lks. dist., marked ¼ S18 BT.

A pinon, 12 ins. diam., bears S. 56°15' W., 31 lks. dist., marked ¼ S18 BT.

50.97 Point which is a westing of 40.00 chs. from the cor. of secs. 7 and 8.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. sec. 7, with brass cap marked

Chains

1/4 S7.

1938

from which

A juniper, 10 ins. diam., bears N. 33°15' E., 107 lks. dist., marked 1/4 S7 BT.

A pinon, 12 ins. diam., bears N. 70° W., 49 lks. dist., marked 1/4 S7 BT.

79.93 The cor. of secs. 7 and 18, on the W. bdy. of the township, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

Cor. is 260 ft. above the 1/4 sec. cor. sec. 18.

Land, broken and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, manzanita, shadscale, greasewood, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

SUBDIVISION OF T. 25 S., R. 5 E.

From the cor. of secs. 25, 26, 35, and 36, heretofore described.

S. 89°56' E., on random line, bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

78.28 Intersect the E. bdy. of the township, 25 lks. N. of the cor. secs. 25, 30, 31, and 36, heretofore described.

Thence:

N. 89°45' W., on true line, bet. secs. 25 and 36.

Ascend gradual NE. slope of rolling land, through scattered timber and undergrowth.

1.20 Top of hill, 20 ft. above cor., bears N. 60° W. and S. 60° E.; descend rocky SW. slope.

9.00 Base of descent from hill, 150 ft. below top, bears N. 60° W. and S. 60° E.; leave timber, bears same; thence over rolling desert land.

38.28 Point which is an easting of 40.00 chs. from the cor. of secs. 25, 26, 35, and 36.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor. sec. 36, with brass cap marked

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

1/4 S36

1937

from which,

A juniper, 8 ins. diam., bears S. 8° W., 485 lks.
dist., marked 1/4 S36 BT.

No other bearing tree available.

40.00 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, for 1/4 sec. cor. sec. 25, with brass cap marked

1/4 S25

1937

from which

A juniper, 10 ins. diam., bears N. 43° W., 172 lks.
dist., marked 1/4 S25 BT.

No other bearing tree available.

55.00 Rim of bench land, bears NE. and SW.; descend steep NW. slope.

59.20 Base of descent, 50 ft. below top, bears NE. and SW.

75.80 Unimproved road, bears N. 30° E. and S. 30° W.

78.28 The cor. secs. 25, 26, 35, and 36.

Land, rolling.

Soil, deep sand and clay with a rocky surface; 4th rate.

Undergrowth, sage and black brush, greasewood, shadscale, yellow top, weeds, and grass.

Timber, a few scattered juniper and pinon.

Fair winter grazing land.

From the cor. of secs. 23, 24, 25, and 26, heretofore described.

S. 89°45' E., on random line, bet. secs. 24 and 25.

37.60 Set temp. 1/4 sec. cor.

77.60 Intersect the E. bdy. of the township, 12 lks. N. of the cor. secs. 19, 24, 25, and 30, heretofore described.

Thence:

N. 89°40' W., on true line, bet. secs. 24 and 25.

Over rolling desert land, through scattered short undergrowth.

40.00 On rolling bench land, 20 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

ground, for 1/4 sec. cor., with brass cap marked.

S24
1/4
S25

1937

deposit a trachyte, 4 x 4 x 3 ins., at base of post, marked X.

No other accessories available.

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

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, greasewood, shadscale, Brigham tea, weeds, and grass.

No timber.

Fair winter grazing land.

From the cor. secs. 13, 14, 23, and 24, heretofore described.

S. 89°40' E., on random line, bet. secs. 13 and 24.

37.20 Set temp. 1/4 sec. cor.

77.16 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 13, 18, 19, and 24, heretofore described.

Thence:

N. 89°42' W., on true line, bet. secs. 13 and 24.

Over rolling desert land, through scattered short undergrowth.

20.00 Shallow swale, drains NW.

40.00 On rolling 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.

S13
1/4
S24

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

63.30 Solomon Wash, 2.00 chs. wide, 20 ft. deep, drains N. 20° E., about 6.00 chs. dist. to its junction with Last Chance Creek.

67.20 Wash, 50 lks. wide, 20 ft. deep, drains N. 20° E.

72.50 Recross wash, drains S. 80° E.

75.00 Recross wash, drains N. 80° E.

SUBDIVISION OF, T. 25 S., R. 5 E.

CHAINS

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

Land, rolling.

Soil, deep clay and sand; 3rd rate.

Undergrowth, sage and black brush, greasewood, Brigham tea, yellow top, weeds, and grass.

Fair winter grazing land.

From the 1/2 sec. cor. secs. 13 and 14, heretofore described.

N. 0°01' W., bet. secs. 13 and 14.

Over rolling desert land, through scattered short undergrowth.

40.00 On rolling general SE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 13 and 14, with brass cap marked

T25S R5E

S12

S14 | S13

1937

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, rolling.

Soil, deep sand and clay; 3rd rate.

Undergrowth, sage and black brush, greasewood, Brigham tea, shadscale, weeds, yellow top, and grass.

No timber.

Fair winter grazing land.

S. 89°42' E., on random line, bet. secs. 12 and 13.

37.20 Set temp. 1/2 sec. cor.

77.19 Intersect the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the township, heretofore described.

Thence:

N. 89°42' W., on true line, bet. secs. 12 and 13.

Over rolling desert land, through scattered short undergrowth.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/2 sec. cor., with brass cap marked

S12

1/2

S13

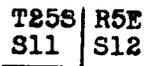
1937

SUBDIVISION 47, T. 86 S., R. 5 E.

Chains

77.19 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. The cor. of secs. 13 and 14. Thence, N. 89°42' W., along the N. bdy. of sec. 14, with continuous measurement.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 11 and 12, with brass cap marked



S14

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Land, rolling. Soil, deep sand and clay; 3rd rate. Undergrowth, sage and black brush, Brigham tea, shadscale, greasewood, yellow top, weeds, and grass. No timber. Fair winter grazing land.

N. 0°01' W., bet. secs. 11 and 12.

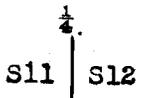
Over rolling desert land, through scattered short undergrowth.

24.80 Old trail, bears NE. and SW.

25.00 A narrow outcropping or dike, of a greenish colored conglomerate formation, bears N. 40° W., and S. 40° E., about 5.00 chs. dist. to top of volcanic knoll.

30.50 Wash, 40 lks. wide, 3 ft. deep, drains S. 80° E.

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



1937

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

72.00 Base of sandstone and shale reef, bears S. and NE., and faces SE.

77.20 Top of reef, 160 ft. above base, bears N. 80° E. and S. 80° W.; descend gradual N. slope over broken sandstone surface rock.

80.00 On gradual N. slope of sandstone surface rock, 40 ft. below top of reef, mark a cross (X), over which.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. secs. 1, 2, 11, and 12, with brass cap marked

T25S	R5E
S2	S1
S11	S12

1937

from which

A pinon, 10 ins. diam., bears N. 52° E., 175 lks. dist., marked T25S R5E S1 BT.

A juniper, 10 ins. diam., bears S. 25°45' W., 132 lks. dist., marked BT. Tree too scrubby for other marks and no other bearing trees available.

Land, S. portion of mile is rolling desert land; N. portion is broken by shale and sandstone ledges.

Soil, shallow and deep sand; 4th rate.

Undergrowth, sage and black brush, shadscale, greasewood, Brigham tea, weeds, yellow top, and grass.

Timber, a few scattered scrub juniper and pinon on N. portion of mile.

Fair winter grazing land.

S. 89°42' E., on random line, bet. secs. 1 and 12.

40.00 Set temp. 2 sec. cor.

The line to the N. of this point, passes over vertical sandstone reef over which I am unable to chain, to pass reef, I offset as follows.

South, 12.00 chs.
 S. 89°42' E., 40.00 chs.
 North, 12.00 chs. to:

80.00 The cor. of secs. 1, 6, 7, and 12, on the N. bdy. of the township, heretofore described.

Thence:

N. 89°42' W., on true line, bet. secs. 1 and 12, giving approximate distances to topography on true line.

From cor., line ascends steep inaccessible SE. face of high sandstone reef.

8.00 Approximate distance; top of reef, 200 ft. above cor., bears NE. and SW.; thence over broken sandstone outcropping on top of reef.

34.00 Approximate distance; top of SW. rim of reef, bears NW. and SE.; descend vertical SW. face of reef.

40.00 At base of reef, bears NE. and SW., 200 ft. below top.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 2 sec. cor., with brass cap marked

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

21880

S1
S2

1937

from which

A juniper, 8 ins. diam., bears N. 82° W., 392 lks. dist., marked $\frac{1}{4}$ S1 BT.

No bearing tree in sec. 12 available.

Thence over broken desert land, through scattered short undergrowth.

- 43.00 Enter scattered scrub juniper and pinon timber, bears N. and S.
- 61.50 Bottom of main wash, 1.00 ch. wide, 20 ft. deep, drains S., 3.00 chs. dist., thence S. 80° E.
- 68.50 Base of gradual ascent over NE. slope of sandstone ledges, bears NW. and SE.
- 80.00 The cor. of secs. 1, 2, 11, and 12, 130 ft. above base of ledges.

Land, broken, with a general northeasterly and southerly exposure and drainage.

Soil, shallow and deep sand, with a rocky surface; 4th rate.

Undergrowth, sage, black, and bitter brush, Brigham tea, shadscale, yellow top, greasewood, weeds, and grass.

Timber, juniper and pinon on portions of mile.

Fair winter grazing land.

N. 0°01' W., bet. secs. 1 and 2.

Descend gradual NE. slope of broken mountainous land, through scattered timber and undergrowth.

- 12.00 Bottom of rocky gulch, 120 ft. below cor., drains E.; ascend abrupt ledgy S. slope.
- 30.60 Top of red shale and sandstone breaks, 420 ft. above gulch bears E. and W.; descend gradually over broken clay and shale hills.
- 35.50 Base of descent, 50 ft. below top of breaks, bears E. and W.; ascend gradual S. slope.
- 40.00 On gradual S. slope, 20 ft. above base of descent.

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

S2 | S1

1937

raise a

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

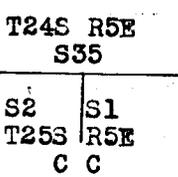
SUBDIVISION OF T. 25 S., R. 5 E.

Chains

- 48.60 Top of divide ridge bet. the drainage into Willow Creek to the N. and East Chance Creek to the S., 50 ft. above the 1/4 sec. cor., bears E. and W.; descend steep N. slope.
- 63.10 Draw, 160 ft. below top of ridge, drains N. 80° E.; ascend rocky S. slope.
- 77.90 Intersect the S. bdy. sec. 35, T. 24 S., R. 5 E., East, 5.83 chs. dist. from the 1/4 sec. cor. sec. 35, an iron post, 1 in. diam., set, marked, and witnessed, as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

At point of intersection, at top of abrupt ascent, 180 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. secs. 1 and 2, T. 25 S., R. 5 E., with brass cap marked



1937.

from which

A pinon, 12 ins. diam., bears S. 57° E., 19 lks. dist., marked T25S R5E S1 CC BT.

A pinon, 8 ins. diam., bears S. 69°30' W., 102 lks. dist., marked T25S R5E S2 CC BT.

Land, rough and mountainous, with a general easterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, black, and bitter brush, Brigham tea, silver leaf, shadscale, weeds, and grass.

Timber, scrub juniper and pinon.

Fair winter grazing land.

From the 1/4 sec. cor. secs. 14 and 15, heretofore described. N. 0°01' W., bet. secs. 14 and 15.

Ascend steep SE. face of sandstone and shale reef, through scattered undergrowth.

- 19.90 Top of reef, 410 ft. above cor., faces SE. and bears NE. and SW.; thence ascend gradually over broken SW. slope.

- 37.00 Small sandstone draw, 20 ft. deep, drains SW.; ascend abrupt broken SE. slope, through scattered scrub timber.

- 40.00 On sandstone surface rock, 50 ft. above top of reef, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. secs. 14 and 15, with brass cap marked

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

T25S R5E
S11

S15 S14

1937

No suitable bearing trees available.

Land, broken sandstone and shale ledges, with a general southeasterly exposure.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, black and bitter brush.

Timber, scrub juniper and pinon.

Poor grazing land.

East, on random line, bet. secs. 11 and 14.

40.00 Set temp. 4 sec. cor.

77.21 Fall 9 lks. S. of the cor. secs. 11 and 12, which is N. 89°42' W., 2.81 chs. dist. from the cor. of secs. 13 and 14.

Thence, from the cor. secs. 11 and 12.

S. 89°56' W., on true line, bet. secs. 11 and 14.

Over rolling desert land, through scattered short undergrowth.

21.80 Old trail, bears N. 30° E. and S. 30° W.

37.20 Point midway bet. the cors. of secs. 13 and 14, and secs. 14 and 15.

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 1/4 sec. cor. sec. 14, with brass cap marked

1/4 S14

1937

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor. sec. 11, with brass cap marked

1/4 S11

1937

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

49.60 Base of abrupt ascent over nearly inaccessible SE. face of sandstone and shale reef, bears NE. and SW.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

- 61.30 Top of vertical sandstone rim at top of reef, 510 ft. above base, bears NE. and SW.; descend gradual W. slope over broken ledges.
- 74.70 Sandstone draw, 20 ft. below top of reef, drains SW.; ascend gradually.
- 77.21 The cor. of secs. 14 and 15,
Thence, S. 89°56' W., along the N. bdy. sec. 15.
- 80.00 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. secs. 10 and 11, with brass cap marked

T25S	R5E
S10	S11

S15

1938

deposit a

sandstone, 12 x 10 x 10 ins., at base of post, marked X.

Land, E. portion of mile is rolling desert; W. portion is broken shale and sandstone ledges.

Soil, shallow sand and shale, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, Brigham tea, shadscale, yellow top, weeds, and grass.

No timber.

Fair winter grazing land on E. portion of mile; W. portion of mile is inaccessible to stock.

From the cor. secs. 10 and 11.

N. 0°01' W., bet. secs. 10 and 11.

Ascend steep S. slope of high broken mountainous land, through scattered undergrowth and timber.

15.20 Ascent becomes more gradual, bears NE. and SW.

26.80 Spur, 320 ft. above cor., projects NE.; descend gradual NW. slope.

40.00 On gradual NW. slope of sandstone surface rock, 90 ft. below spur, mark a cross (X), over which:

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

S10	S11
-----	-----

1938

from which

A juniper, 6 ins. diam., bears S. 58°30' W., 107 lks. dist., marked $\frac{1}{4}$ S10 BT.

No bearing tree in sec. 11 available.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

Continue descent over ledgy NW. slope.

80.00 On broken NW. slope, 620 ft. below the 2 sec. cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 2, 3, 10, and 11, with brass cap marked

T25S	R5E
S3	S2
S10	S11

1938

deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

No bearing trees available.

Land, broken and mountainous, with a general northwesterly and southerly exposure and drainage.

Soil, shallow sand and clay, mixed with shale and rock; 4th rate.

Undergrowth, black and bitter brush.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

N. 89°56' E., on random line, bet. secs. 2 and 11.

40.00 Set temp. 2 sec. cor.

79.96 Intersect the N. and S. line, 16 lks. S. of the cor. secs. 1, 2, 11, and 12.

Thence:

S. 89°49' W., on true line, bet. secs. 2 and 11.

Over general N. slope of white sandstone ledges, through scattered undergrowth.

19.60 Narrow outcropping or dike, of a greenish color and of a conglomerate formation, bears NW. and SE.

25.80 Base of abrupt ascent over steep E. face of reef, bears N. and S.

35.00 Top of reef, 150 ft. above base, bears N. and S.; thence along ledgy N. slope.

39.98 On ledgy N. slope.

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 2 sec. cor., with brass cap marked

S2

S11

1938

deposit a

SUBDIVISION OF, T. 25 S., R. 5 E.

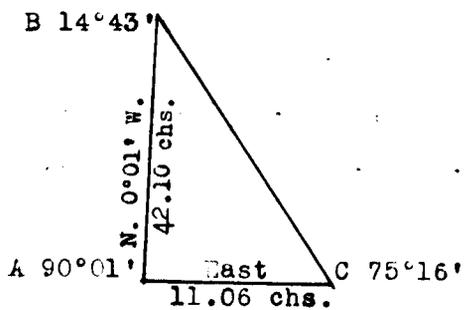
Chains

- 41.00 sandstone, 12 x.10 x 6 ins., at base of post, marked X.
 - 41.00 Gulch, 40 ft. deep, drains N.
 - 58.90 Gulch, 40 ft. deep, drains N., about 7.00 chs. dist. to junction with main gulch draining easterly.
 - 68.00 Top of sandstone ledge, faces NE. and bears NW. and SE.
 - 79.96 The cor. of secs. 2, 3, 10, and 11, 120 ft. above the sec. cor.
- Land, broken sandstone and shale ledges.
 Soil, shallow sand and clay; 4th rate.
 Undergrowth, black and bitter brush.
 Timber, a few scattered scrub juniper and pinon.
 Poor grazing land.

N. 0°01' W., bet. secs. 2 and 3.

The line to the N. of the cor. secs. 2, 3, 10, and 11, passes over vertical sandstone and shale ledges over which I am unable to chain, I therefore determine the distance by triangulation as follows.

Erect flag A at the sec. cor., and flag B on line to the N., from A, survey base line AC, East, 11.06 chs. dist. From C, line AB subtends an angle of 75°16'. From B, line AC subtends an angle of 14°43'. Vertical angle from A to B, is plus 7°10'. All angles checked by repetition and base line double chained.



Distance by triangulation..... 42.10 chs.
 Distance by return measurement.. 1.10 chs.
 To point on line..... 41.00 chs.

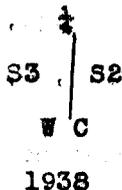
- 4.00 Approximate distance; bottom of deep narrow gulch, 70 ft. below cor., drains E.; ascend vertical N. breaks of gulch.
- 8.00 Approximate distance; top of sharp narrow spur with high vertical walls, 280 ft. above gulch, projects SE., about 4.00 chs. dist. to end.
- 32.50 Approximate distance; gulch with vertical shale walls, 320 ft. below spur, drains S. 30° E.; ascend ledgy SW. slope.
- 40.00 True point for the sec. cor. falls on SW. face of vertical shale break, where it is impracticable to reach the cor. point.

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

2011500

41.00 On top of sandstone rim, 350 ft. above sec. cor., bears SE. and N. 10° W.
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



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

Thence ascend gradual S. slope.

42.10 To point B. of triangulation.

58.70 Top of divide ridge bet the drainage into Willow Creek to the N. and Dast Chance Creek to the S., 180 ft. above the witness cor. to the 1/4 sec. cor., bears N. 80° E. and S. 80° W.; descend gradually over broken N. slope.

65.30 Gulch, 100 ft. below top of divide ridge, drains E.; ascend abrupt SE. breaks of a high mesa to the NW.

78.20 Intersect the S. bdy. of sec. 34, T. 24 S., R. 5 E., East, 6.00 chs. dist. from the true point for the 1/4 sec. cor. sec. 34, which is East, 3.75 chs. dist. from the witness cor. to the 1/4 sec. cor. witness cor. is an iron post, 1 in. diam., set, marked, and witnessed as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

At point of intersection, on steep SE. face of breaks, 280 ft. above gulch.

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, for closing cor. secs. 2 and 3, T. 25 S., R. 5 E., with brass cap marked

T24S R5E
S34

S3	S2
T25S	R5E
C C	

1938

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

Land, broken blue shale breaks and sandstone ledges.

Soil, shallow blue clay and shale; 4th rate.

Undergrowth, black brush and weeds.

No timber.

Poor grazing land, all of which is inaccessible to stock.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

May 11, 1938: Stationed at the $\frac{1}{4}$ sec. cor. secs. 27 and 28, heretofore described, in approximate latitude $38^{\circ}36'$ N., longitude $111^{\circ}21'$ W., at 1h 55.0m p.m. local mean time, I make an hour angle observation on Polaris W. 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 60.00 chs. N. of my station, in a counter clockwise direction to the star.

Watch time of observation, (correct 105th meridian standard time).....2h 00.4m p.m.

Mean horizontal deflection angle, point on ledge to star..... $0^{\circ} 58'$

Azimuth of Polaris at time of observation.. $0^{\circ} 59'$ W.

True bearing to point on ledge..... N. $0^{\circ}01'$ W.

Thence, from the above $\frac{1}{4}$ sec. cor.

N. $0^{\circ}02'$ W., bet. secs. 27 and 28.

Descend gradual NE. slope of broken mountainous land, through scattered short undergrowth.

10.00 Draw, 10 ft. below cor., drains S. 20° E., about 10.00 chs. dist., thence SE.; thence over rolling land.

33.50 Large draw, 50 ft. deep, drains E.

40.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 21, 22, 27, and 28, with brass cap marked

T25S	R5E
S21	S22
S28	S27

1938

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

Land, broken and rolling.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, silver leaf, Brigham tea, greasewood, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Fair winter grazing land.

East, on random line, bet. secs. 22 and 27.

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

80.14 Intersect the cor. of secs. 22, 23, 26, and 27.

Thence:

West, on true line, bet. secs. 22 and 27.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

251230

Ascend abruptly over ledgy E. slope of rough mountainous land, through dense timber and scattered undergrowth.

23.50 Top of sandstone reef or ridge, 370 ft. above cor., bears N. 10° W. and S. 10° E.; descend abrupt ledgy W. slope.

37.00 Gulch, 320 ft. below ridge, drains S.; ascend abrupt E. slope.

40.07 On broken E. slope, 70 ft. above gulch.

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 $\frac{1}{4}$ sec. cor., with brass cap marked

S22
 $\frac{1}{4}$ —————
 S27

1938

from which

A pinon, 5 ins. diam., bears S. 23°30' E., 54 lks. dist., marked $\frac{1}{4}$ S27 BT.

A pinon, 8 ins. diam., bears N. 72°30' W., 73 lks. dist., marked $\frac{1}{4}$ S22 BT.

48.00 Spur, 60 ft. above cor., projects S. 30° E.; descend gradually over ledgy SW. slope.

55.50 Draw, 70 ft. below spur, drains SE.; ascend gradual NE. slope.

60.70 Spur, 40 ft. above draw, projects SE.; descend gradual SW. slope.

63.70 Draw, 40 ft. below spur, drains S., 2.00 chs. dist., thence SE.; ascend gradual NE. slope.

80.14 The cor. of secs. 21, 22, 27, and 28, 30 ft. above draw.

Land, broken and mountainous, with a general southeasterly and easterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, Brigham tea, silver leaf, shadscale, yellow top, weeds, and grass.

Timber, juniper and pinon.

Fair winter grazing land.

N. 0°02' E., bet. secs. 21 and 22.

Over broken mountainous land, through scattered short undergrowth.

20.00 Top of red shale spur with vertical walls on each side, 320 ft. above cor., projects E., about 5.00 chs. dist. to end; descend abrupt ledgy NE. slope.

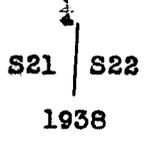
34.30 Draw, 180 ft. below spur, drains S. 70° E.; thence over rolling land.

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

46.80 On N. bank of small wash, 10 lks. wide, 2 ft. deep, drains SE.

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, for 1/4 sec. cor., with brass cap marked



deposit a sandstone, 12 x 10 x 8 ins., at base of post, marked X.

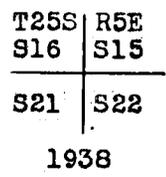
Thence ascend gradually over ledgy SE. slope.

64.00 Wide top of spur, 260 ft. above the 1/4 sec. cor., projects SE.; descend ledgy NE. slope.

77.30 Draw, 210 ft. below spur, drains E.; ascend gradual S. slope.

80.00 On low spur, 40 ft. above draw, projects S. 80° E.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 15, 16, 21, and 22, with brass cap marked



from which

A pinon, 6 ins. diam., bears N. 47°15' E., 107 lks. dist., marked T25S R5E S15 BT.

A pinon, 5 ins. diam., bears S. 64°45' E., 85 lks. dist., marked T25S R5E S22 BT.

A pinon, 8 ins. diam., bears S. 25° W., 109 lks. dist., marked T25S R5E S21 BT.

A pinon, 5 ins. diam., bears N. 54°30' W., 37 lks. dist., marked T25S R5E S16 BT.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, silver leaf, Brigham tea, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Fair winter grazing land.

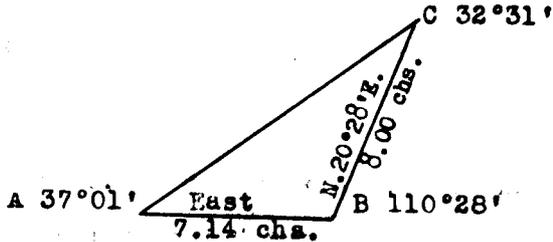
East, on random line, bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

58.72 Top of high inaccessible reef facing E. over which I am

Chains

unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at this point and flag B. on line E. From B, survey base line BC, N.20°28'E. 8.00 chs. dist. From C, flags AB subtend an angle of 32°31'. From A, flags BC subtend an angle of 37°01'. Vertical angle from A to B is minus 43°42'. All angles checked by repetition and base line double chained.



Distance on line 58.72 chs.
 Distance by triangulation 7.14 chs.
 Distance to point B 65.86 chs.

- 65.86 To point B. of triangulation.
- 80.36 Intersect the N. and S. line, 19 lks. S. of the cor. secs. 14, 15, 22, and 23.

Thence:

S. 89°52' W., on true line, bet. secs. 15 and 22.

Over rolling desert land, through scattered undergrowth.

- 14.50 Base of high inaccessible sandstone and shale reef, faces E. and bears N. and S.
- 21.64 Top of reef, 460 ft. above base, bears N. and S.; thence over broken land, through scattered timber.
- 31.00 Top of volcanic knoll, 50 ft. high,
- 40.18 On broken 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, for 1/4 sec. cor., with brass cap marked

S15
 322
 1938

from which

A pinon, 7 ins. diam., bears S. 67° W., 95 lks. dist., marked 1/4 S22 BT.

A pinon, 8 ins. diam., bears N. 15°15' W., 67 lks. dist., marked 1/4 S15 BT.

- 44.20 Top of volcanic rim, faces SW. and bears NW. and SE.; descend broken SW. slope.
- 51.30 Head of draw, 50 ft. below rim, drains S.; ascend steep NE. slope.
- 59.50 Shale spur, 130 ft. above head of draw, projects SE.; descend broken SW. slope.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

71.60 Draw, 150 ft. below spur, drains SE.; ascend gradual NE. slope.

80.36 The cor. of secs. 15, 16, 21, and 22, 80 ft. above draw.
 Land, broken and mountainous, with a general southeasterly and northeasterly exposure and drainage.
 Soil, shallow sand, with a rocky surface; 4th rate.
 Undergrowth, sage and black brush, silver leaf, Brigham tea, yellow top, shadscale, weeds, and grass.
 Timber, scrub juniper and pinon.
 Fair winter grazing land.

N. 0°02' W., bet. secs. 15 and 16.

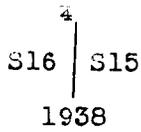
Descend gradual N. slope of broken mountainous land, through scattered timber and undergrowth.

5.30 Draw, 60 ft. below cor., drains E.; ascend ledgy S. slope.

33.20 Top of blue shale ridge, 260 ft. above draw, bears E. and W.; descend abrupt broken N. slope.

40.00 On broken N. slope, 100 ft. below ridge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/2 sec. cor., with brass cap marked



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

48.40 Gulch with vertical walls extending 2,00 chs. W. of line, 100 ft. below the 1/2 sec. cor., drains E.; ascend abrupt S. slope.

56.50 Shale spur, 90 ft. above gulch, projects E.; descend steep ledgy N. slope.

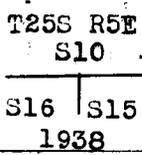
63.70 Top of S. breaks of Last Chance Creek, bears NW. and SE.; descend abruptly over nearly inaccessible ledges.

70.00 Last Chance Creek, stream of alkali water, 3 lks. wide, 2 ins. deep, in bottom of deep narrow canyon, 340 ft. below spur, flows southeasterly; ascend steep N. breaks of canyon.

78.20 Top of N. rim of canyon, 180 ft. above stream, bears NW. and SE.; ascend steep S. slope.

80.00 On steep S. slope, 240 ft. above Last Chance Creek.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 15 and 16, with brass cap marked



SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

Deposit a trachyte, 18 x 12 x 10 ins., at base of post, marked X.

Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

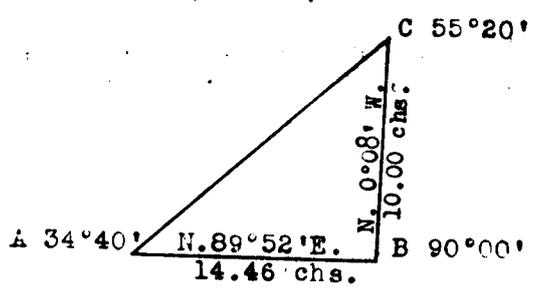
Undergrowth, sage and black brush, shadscale, Brigham tea, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

N. 89°52' E., on random line, bet. secs. 10 and 15.

7.90 The line to the E. of this point, crosses a deep gulch with vertical walls over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag A at this point and flag B on line to the E. From B, survey base line, BC, N. 0°08' W.; 10.00 chs. dist. From C, line AB subtends an angle of 55°20'. From A, line AC subtends an angle of 34°40'. Vertical angle from A to B, is minus 10°. All angles checked by repetition and base line double chained.



Distance on line	7.90 chs.
Distance by triangulation	14.46 chs.
To point B of triangulation	<u>22.36 chs.</u>

22.36 To point B. of triangulation.

40.00 Set temp. sec. cor.

77.61 Fall 9. lks. N. of the cor., secs. 10 and 11, which is S. 89°56' W., 2.79 chs. dist. from the cor. secs. 14 and 15

Thence, from the cor. of secs. 10 and 11.

S. 89°56' W., on true line, bet. secs. 10 and 15.

Ascend abrupt SE. slope of broken red sandstone and shale ledges, through scattered timber and undergrowth.

17.50 Top of red shale spur, 340 ft. above cor., projects SW.; descend ledgy NW. slope.

37.41 Point midway bet. the cor. of secs. 14 and 15, and secs. 15 and 16, on broken NW. slope, 200 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, for a sec. cor. sec. 15, with brass cap marked

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

1/4 S15

1938

deposit a sandstone, 12 x 12 x 6 ins., at base of post, marked X.

40.00

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, for 1/4 sec. cor. sec. 10, with brass cap marked

1/4 S10

1938

deposit a sandstone, 10 x 10 x 6 ins., at base of post, marked X.

55.25

Sandstone and shale spur, 110 ft. below the 1/4 sec. cor. sec. 15, projects S.; thence across deep gulch with vertical shale walls.

63.20

Approximate distance; bottom of gulch, 220 ft. below spur, drains SE.; ascend steep inaccessible shale ledges.

69.71

Spur, 280 ft. above gulch, projects SE.; descend steep SW. slope.

77.61

The cor. of secs. 15 and 16, 110 ft. below spur.

Thence, S. 89° 56' W., along the N. bdy. of sec. 16.

80.00

On broken SW. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to solid rock and in a large mound of stone, for cor. of secs. 9 and 10, with brass cap marked

T25S	R5E
S9	S10

S16

1938

deposit a trachyte, 10 x 10 x 10 ins., at base of post, marked X.

Land, broken shale and sandstone breaks, with a general southerly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, weeds, and grass.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

From the cor. secs. 9 and 10.

N. 0° 02' W., bet. secs. 9 and 10.

SUBDIVISION OF, T. 25 S., R. 5 E., NE. 1/4

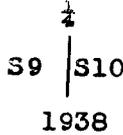
Chains

Ascend gradually over broken S. slope of rough mountainous land, through scattered undergrowth and timber.

21.00 Top of sandstone rim, 230 ft. above cor., bears S. 89° 58' W. and W.; thence ascend gradually over broken NE. slope

40.00 On broken NE. slope, 300 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

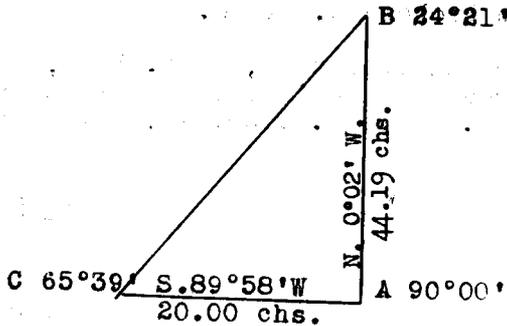


raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

45.00 Gulch, same level as the 1/4 sec. cor., drains S. 20° E. from the N.; thence along bottom of gulch.

55.00 Head of gulch at base of inaccessible S. breaks of high mesa.

It being impracticable to chain to the N. of this point, I determine the distance to top of mesa by triangulation as follows. Erect flag A at the 1/4 sec. cor., and flag B on line to the N. From A, survey base line AC, S. 89° 58' W. 20.00 chs. dist. From C, line AB subtends an angle of 65° 39'. From B, line AC subtends an angle of 24° 21'. Vertical angle from A to B is plus 20° 30'. All angles checked by repetition and base line double chained.



Distance on line 40.00 chs.
 Distance by triangulation 44.19 chs.
 Distance to point B of triangulation 84.19 chs.

80.00 True point for the cor. of secs. 3, 4, 9, and 10, falls on inaccessible S. face of breaks.

84.19 At top of rim of mesa, 1100 ft. above the 1/4 sec. cor., bears N. 57° E. and S. 57° W.

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, for witness cor. to the cor. of secs. 3, 4, 9, and 10, with brass cap marked

T25S	R5E
S4	S3

S9	S10
----	-----

1938

from which

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

A pinon, 10 ins. diam., bears N. 86°30' W., 77 lks. dist., marked ~~WC~~ 1253 R5E S4 BT.

No other bearing trees available.

Land, broken shale and sandstone ledges, with a general southeasterly exposure and drainage.

Soil, shallow clay with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

N. 89°56' E., on random line, bet. secs. 3 and 10.

The inaccessible SE. breaks of a high mesa make it impracticable to project a line to the E. of the true point for the cor. of secs. 3, 4, 9, and 10, or from the witness cor. to the cor. of said secs., I therefore commence at a point, S. 0°02' E., 25.00 chs. dist. from the true point for cor., and run on offset line as follows.

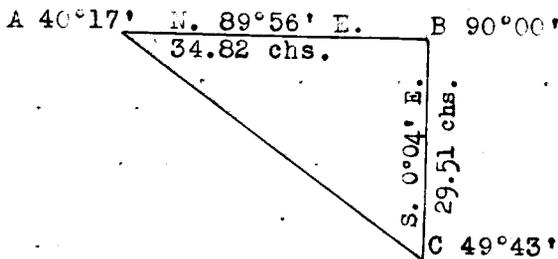
N. 89°56' E., 18.00 chs.,

N. 0°02' W., 25.00 chs. to:

18.00 Point on true random line, thence N. 89°56' E., on true random line.

40.00 Set temp. 2 sec. cor.

45.18 The line to the E. of this point, passes over the inaccessible point of two spurs over which I am unable to project my line, I therefore triangulate as follows. Erect flag A at this point and flag B on line to the E. From B, survey base line BC, S. 0°04' E., 29.51 chs. dist. From C, line AB subtends an angle of 49°43'. From A, line BC subtends an angle of 40°17'. Vertical angle from A to B is minus 11°. All angles checked by repetition and base line double chained.



Distance on line 45118 chs.
 Distance by triangulation 34.82 chs.
 To point B of triangulation 80.00 chs.

80.00 To point B of triangulation at a point 9 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence:

West, on true line, bet. secs. 3 and 10.

Descend abrupt NW. slope over shale ledges, through scattered undergrowth.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

- 5.50 Approximate distance; gulch, 60 ft. below cor., drains N. 60° E.; ascend inaccessible SE. breaks of a shale spur.
- 20.00 Approximate distance; spur, 320 ft. above gulch, projects SE., about 2.00 chs. to end; thence ascend along inaccessible S. faces of shale breaks.
- 34.82 Spur, 450 ft. above sec. cor., projects SE.; descend abrupt ledgy SW. slope.
- 40.00 In bottom of gulch, 120 ft. below spur, drains S., 3.00 ch dist., thence easterly.
- 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

S3
 $\frac{1}{4}$ ———
 S10

1938

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Thence ascend steep general E. slope over blue shale breaks.

- 62.00 Base of abrupt inaccessible SE. face of high mesa, bears NE. and SW.
- 80.00 The true point for cor. secs. 3, 4, 9, and 10, about 650 ft. above the $\frac{1}{4}$ sec. cor.
- Land, broken and mountainous, with a general easterly exposure and drainage.
- Soil, shallow blue clay and shale; 4th rate.
- Undergrowth, shadscale and weeds.
- No timber.
- Poor grazing land.

N. 0°02' W., bet. secs. 3 and 4, counting distances from the true point for the cor. secs. 3, 4, 9, and 10.

- 4.19 The witness cor. to the cor. of secs. 3, 4, 9, and 10.
- Ascend gradual SW. slope of high mesa land, through scattered timber and undergrowth.
- 36.50 Ridge, 250 ft. above the witness cor. to the cor. of secs. 3, 4, 9, and 10, bears N. 70° W. and S. 70° E.; descend gradual NW. slope.
- 40.00 On gradual NW. slope, 20 ft. below ridge.
- 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, for $\frac{1}{4}$ sec. cor., with brass cap marked

S4 | S3

1938

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

from which
A pinon, 14 ins. diam., bears N. 40° E., 40 lks.
dist., marked $\frac{1}{2}$ S3 BT.

A pinon, 12^o ins. diam., bears N. 49° W., 71 lks.
dist., marked $\frac{1}{2}$ S4 BT.

Thence along W. slope.

43.90 Ridge, same level as the $\frac{1}{2}$ sec. cor., bears NW. and SE.;
descend steep NE. slope.

57.60 Spur, 120 ft. below ridge, projects S. 70° E.; descend
gradual N. slope.

74.00 Bend in draw, 60 ft. below spur, drains N. 20° W. and
S. 30° W.; descend gradually along W. slope.

78.30 Intersect the S. bdy. sec. 33, T. 24 S., R. 5 E., East,
8.10 chs. dist. from the $\frac{1}{2}$ sec. cor. sec. 33, an iron post,
1 in. diam., set, marked, and witnessed, as described in
the official record of the survey of T. 24 S., R. 5 E.,
of this group.

At point of intersection, on gradual W. slope, 120 ft.
below spur.

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, for
closing cor. secs. 3 and 4, T. 25 S., R. 5 E., with brass
cap marked

T24S R5E
S33

S4	S3
T25S	R5E
C C	

1938

from which

A juniper, 10 ins. diam., bears S. 80° W., 27 lks.
dist., marked T25S R5E S4 CC BT.

No other bearing trees available.

Land, rough and mountainous, with a general southerly and
northeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th
rate.

Undergrowth, sage, black, and bitter brush, silver leaf,
weeds, and grass.

Timber, scrub juniper and pinon.

Poor grazing land.

From the cor. of secs. 20, 21, 28, and 29, heretofore
described.

N. 89°56' E., on random line, bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

enishO

80.04 Intersect the cor. of secs. 21, 22, 27, and 28.

Thence:

S. 89° 56' W., on tree line, bet. secs. 21 and 28.

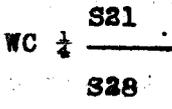
Over rolling mountainous land, through scattered undergrowth.

10.00 Base of steep ascent over broken SE. face of shale breaks, bears NE. and SW.

24.00 Top of shale spur, 270 ft. above sec. cor., projects S. 80° E.; descend abrupt NW. slope over shale breaks.

39.52 At base of vertical shale rim, faces SW., 210 ft. below spur, mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the 1/4 sec. cor. secs. 21 and 28; with brass cap marked



1938

40.02 True point for the 1/4 sec. cor. falls in bottom of boxed gulch, drains SE., 5.00 chs. dist., thence S. 80° E., where it is impracticable to set a permanent cor.

Thence ascend abruptly over general N. slope.

40.50 Top of SW. rim of gulch, bears NW. and SE.

80.04 The cor. of secs. 20, 21, 28, and 29, 530 ft. above gulch.

Land, broken, with a general easterly exposure and drainage

Soil, shallow clay and shale, with a rocky surface; 4th rate.

Undergrowth, scattered shadscale, silver leaf, black brush and weeds.

Timber, a few scattered scrub juniper and pinon on W. half of mile.

Poor grazing land.

N. 0° 03' W., bet. secs. 20 and 21.

Descend broken N. slope of rough mountainous land, through scattered short undergrowth.

3.50 Gulch, 70 ft. below cor., drains N. 80° E.; ascend steep ledgy SE. slope.

6.50 Spur, 50 ft. above gulch, projects E., about 5.00 chs. to end; descend abrupt N. slope.

9.80 Gulch, 50 ft. below spur, drains SE.; ascend steep SW. slope.

14.50 Spur, 120 ft. above gulch, projects S. 60° E.; descend steep NE. slope.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

34.00. Gulch, 180 ft. below spur, drains S. 70° E.; ascend gradual SE. slope.

40.00 On gradual SE. slope of blue shale, 50 ft. above gulch.

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.

S20	S21
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1938

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

42.00 Low pass in ridge, 10 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence ascend ledgy SE. slope.

58.00 Top of sandstone breaks, 190 ft. above the $\frac{1}{4}$ sec. cor., bears N. 30° E. and SW.; descend broken NE. slope.

61.00 Top of N. rim of breaks, bears NW. and SE.; descend gradual NE. slope.

66.00 Descent becomes abrupt, bears NW. and SE.

75.50 Gulch, 370 ft. below top of breaks, drains NE.; ascend ledgy SE. slope.

80.00 On ledgy SE. slope, 40 ft. above gulch.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 16, 17, 20, and 21, with brass cap marked

T25S	R5E
S17	S16

S20	S21
-----	-----

1938

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

Land, broken sandstone ledges and shale breaks, with a general easterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, Brigham tea, weeds, and grass.

No timber.

Poor grazing land, most of which is inaccessible to stock.

N. 89°56' E., on random line, bet. secs. 16 and 21.

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

79.94 Intersect the N. and S. line, 7 lks. S. of the cor. secs. 15, 16, 21, and 22.

Thence.

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

S. 89°53' W., on true line, bet. secs. 16 and 21.

Ascend general NE. slope of broken mountainous land, through scattered timber and undergrowth.

34.00 Top of ascent, 310 ft. above cor., bears NE. and SW.; descend gradual NW. slope.

39.00 Gulch, 110 ft. below top of ascent, drains N., 4.00 chs. dist. to junction with gulch draining N. 80° E.; ascend E. point of spur.

39.97 On top of spur, 20 ft. above gulch, slopes E. from the W.
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

S16
 $\frac{1}{4}$ ———
S21

1938

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Continue ascent along top of spur.

49.00 Leave top of spur, 130 ft. above the $\frac{1}{4}$ sec. cor., slopes E. from S. 80° W.; thence ascend gradually over ledgy N. slope.

78.50 Gulch, 50 ft. above spur, drains NE.; ascend ledgy SE. slope.

79.94 The cor. of secs. 16, 17, 20, and 21, 40 ft. above gulch.

Land, broken sandstone ledges and shale breaks.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, silver leaf, yellow top, weeds, and grass.

Timber, scrub juniper and pinon on portions of mile.

Poor grazing land.

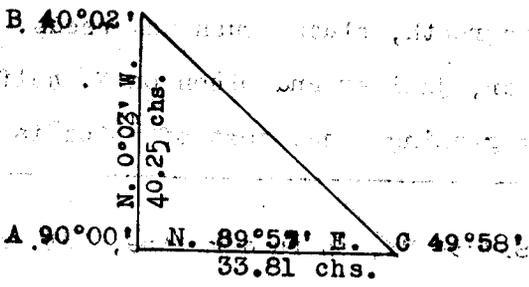
N. 0°03' W., bet. secs. 16 and 17.

Ascend steep SE. breaks of high mesa to the W., through scattered undergrowth.

15.00 Base of inaccessible sandstone breaks facing SE, and bearing NE. and SW., over which I am unable to chain, I therefore triangulate to top of breaks as follows. Erect flag A at the cor. of secs. 16, 17, 20, and 21, and flag B on line to the N. From A, survey base line AC, N.89°53'E., 33.81 chs. From C, line AB subtends an angle of 49°58'. From B, line AC subtends an angle of 40°02'. Vertical angle from A to B, is plus 17°40'. All angles checked by repetition and base line double chained.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

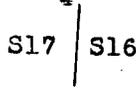


Distance by triangulation 40.25 chs.
 Distance by return measurement 40.25 chs.
 To point on line 40.00 chs.

40.00

Top of high inaccessible sandstone and shale reef, 850 ft. above sec. cor., bears NE. and S. 30° W., mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for 1/2 sec. cor., with brass cap marked



1938

from which

A pinon, 10 ins. diam., bears N. 22° E., 38 lks. dist., marked S16 BT.

A pinon, 10 ins. diam., bears N. 41° W., 46 lks. dist., marked S17 BT.

Thence ascend abrupt SE. slope of high spur, through dense timber and scattered undergrowth.

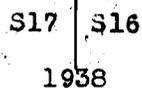
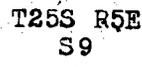
40.25 To point B of triangulation.

44.60 Top of spur, 50 ft. above the 1/2 sec. cor., projects NE., about 10.00 chs. dist. to end; descend gradual N. slope.

69.00 Branch spur, 80 ft. below last spur, projects NE., about 15.00 chs. dist. to end; continue descent over N. slope.

80.00 On N. slope, 80 ft. below spur.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 16 and 17, with brass cap marked



1938

from which

A pinon, 10 ins. diam., bears S. 52° E., 47 lks. dist., marked T25S R5E S16 BT.

A juniper, 15 ins. diam., bears S. 12° W., 23 lks. dist., marked T25S R5E S17 BT.

Land, broken sandstone ledges and shale breaks.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

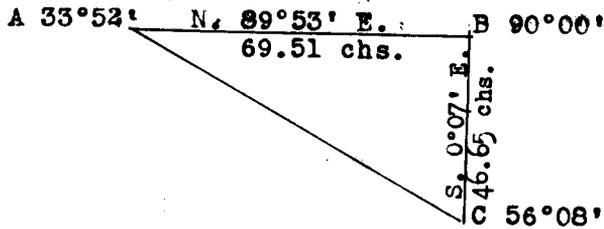
SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

Undergrowth, black brush and weeds.
 Timber, juniper and pinon on N. half mile.
 Poor grazing land, most of which is inaccessible to stock.

N. 89°53' E., on random line, bet. secs. 9 and 16.

8.10 The inaccessible E. breaks of mesa make chaining to the E. of this point impossible, I therefore triangulate as follows. Erect flag A at this point and flag B at a point 16 lks. N. of the cor. secs. 9 and 10. From B, survey base line, BC, S. 0°07' E., 46.65 chs. dist. From C, line AB subtends an angle of 56°08'. From A, line BC subtends an angle of 33°52'. Vertical angle from A to B, is minus 11°26'. All angles checked by repetition and base line double chained



Distance on line	8.10 chs. ✓
Distance by triangulation	69.51 chs. ✓
To point B of triangulation	<u>77.61 chs. ✓</u>
Distance by return measurement	40.00 chs.
To point on line	<u>37.61 chs.</u>

40.00 Set temp. 1/4 sec. cor.

77.61 To point B of triangulation at a point 16 lks. N. of the cor. of secs. 9 and 10, which is S. 89°56' W., 2.39 chs. dist. from the cor. of secs. 15 and 16.

Thence:

From the cor. of secs. 9 and 10.

West, on true line, bet. secs. 9 and 16.

Descend abruptly over ledgy NE. breaks of East Chance Creek, through scattered undergrowth.

8.10 Last Chance Creek, stream of alkali water, 2 lks. wide, 3 ins. deep, in bottom of narrow canyon, 180 ft. below cor., flows SE.; ascend abrupt SW. breaks of canyon.

21.70 Top of sandstone rim at top of SW. breaks of canyon, 320 ft. above bottom, bears NW. and SE.; thence ascend NE. slope of blue shale breaks.

37.61 Point midway bet. the agr. of secs. 15 and 16, and secs. 16 and 17.

On steep NE. slope, 60 ft. above top of breaks.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/4 sec. cor. sec. 16, with brass cap marked

1/4 S16

1938

raise a

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

mound of stone, 3 ft. base, 2 ft. high, S. of cor. .

40.00 On steep NE. slope, at base of abrupt ascent over inaccessible E. breaks of high mesa land to the W., bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{2}$ sec. cor. sec. 9, with brass cap marked

S9

1938

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Thence by triangulation over inaccessible breaks.

69.51 Top of rim of breaks, 960 ft. above the sec. cor. sec. 16, bears N. 20° E. and S. 20° W.; thence ascend broken NE. slope, through dense timber.

77.61 The cor. of secs. 16 and 17, 70 ft. above rim.

Thence, West, along the N. bdy. of sec. 17, with continuous measurement.

80.00 On top of rise, 40 ft. above the cor. of secs. 16 and 17, slopes NE.

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. 8 and 9, with brass cap marked

T25S	R5E
S8	S9

S17

1938

from which

A pinon, 10 ins. diam., bears N. 61° E., 55 lks. dist., marked T25S R5E S9 BT.

A pinon, 5 ins. diam., bears N. 73° W., 35 lks. dist., marked T25S R5E S8 BT.

Land, rough sandstone and shale breaks.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, weeds, and shadscale.

Timber, juniper and pinon on W. portion of mile.

Poor grazing land, most of which is inaccessible to stock.

From the cor. of secs. 8 and 9.

N. 0°03' W., bet. secs. 8 and 9.

Descend general NW. slope of high mountainous land, through dense timber and scattered undergrowth.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

30.00 Top of sandstone rim, faces NW. and bears NE. and SW.;
thence descend abrupt ledgy NW. slope.

40.00 On broken NW. slope, 550 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

1
S8 | S9
1938

from which

A juniper, 8 ins. diam., bears N. 67° E., 13 lks.
dist., marked $\frac{1}{4}$ S9 BT.

A pinon, 12 ins. diam., bears N. 87° W., 70 lks.
dist., marked $\frac{1}{4}$ S8 BT.

62.80 Gulch, 200 ft. below the $\frac{1}{4}$ sec. cor., drains E. 70° E.,
about 12.00 chs. dist. to its junction with Last Chance
Creek; ascend steep SE. slope.

69.20 Spur, 110 ft. above gulch, projects N. 70° E.; descend
gradual NE. slope.

79.20 Small draw, 40 ft. below spur, drains N. 80° E., about
7.00 chs. dist. to its junction with Last Chance Creek;
ascend gradual SE. slope.

80.00 On gradual SE. slope, 30 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, for
cor. of secs. 4, 5, 8, and 9, with brass cap marked

T25S | R5E
S5 | S4
S8 | S9

1938

from which

A pinon, 5 ins. diam., bears N. 28° E., 29 lks.
dist., marked T25S R5E S4 BT.

A juniper, 10 ins. diam., bears S. 79° E., 43 lks.
dist., marked T25S R5E S9 BT.

A pinon, 6 ins. diam., bears S. 44° W., 31 lks.
dist., marked T25S R5E S8 BT.

A pinon, 14 ins. diam., bears N. 20°30' W., 53 lks.
dist., marked T25S R5E S5 BT.

Land, broken and mountainous, with a general northwesterly
exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th
rate.

Undergrowth, black brush and weeds.

Timber, juniper and pinon.

Poor grazing land.

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

East, on random line, bet. secs. 4 and 9.

40.00 Set temp. 4 sec. cor.

73.44 Rim of broken SE. breaks of mountain, bears N. 57° E., and S. 57° W., over which I am unable to chain, and from which point, the witness cor. to the cor. of secs. 3, 4, 9, and 10, which is N. 0°02' W., 4.19 chs. dist. from its true position, bears N. 57° E., 7.70 chs. dist.

The course and distance of the line bet. secs. 4 and 9, therefore is, West, and the distance is 79.90 chs.

Thence:

West, on true line, bet. secs. 4 and 9, counting distances from the true point for the cor. of secs. 3, 4, 9, and 10.

6.46 Top of rim of SE. breaks of mountain, bears N. 57° E. and S. 57° W.; thence descend gradual NW. slope of broken mountainous land, through scattered timber and undergrowth.

32.00 Spur, 220 ft. below rim of mountain, slopes NW.; descend abrupt ledgy SW. slope.

39.95 On top of sandstone ledge, 50 ft. high, faces SW. and bears N. 60° W. and S. 60° E., 80 ft. below spur, mark a cross (X) on the surface rock, over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for 4 sec. cor., with brass cap marked

S4

39

1938

from which

A pinon, 6 ins. diam., bears N. 31° W., 45 lks. dist., marked S4 ET.

No bearing tree available in sec. 9.

Continue abrupt descent over ledgy SW. slope.

73.00 Last Chance Creek, stream of alkali water, 2 lks. wide, 2 ins. deep, in bottom of deep narrow canyon, 600 ft. below the 4 sec. cor., flows SE., about 10.00 chs. dist. to point where stream flows over a high vertical ledge and canyon boxes; ascend gradual NE. slope.

79.90 The cor. secs. 4, 5, 8, and 9, 120 ft. above stream.

Land, broken and mountainous, with a general westerly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, black brush and weeds.

Timber, juniper and pinon.

Poor grazing land, most of which is inaccessible to stock.

N. 0°03' W., bet. secs. 4 and 5.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

eniso

Descend general NE. slope of rough mountainous land, through scattered timber and undergrowth.

- 7.50 Last Chance Creek, 180 ft. below cor., stream of alkali water, 2 links wide, 2 ins. deep, in canyon, flows S. 30° E.; ascend along ledgy SW. slope.
- 24.40 Spur, 210 ft. above creek, projects S. 80° W., about 8.00 chs. dist. to end; descend steep NW. slope.
- 27.70 Junction of gulches from E. and N. 80° E., 80 ft. below spur, drain S. 80° W.; ascend steep SE. slope.
- 40.00 On ledgy SE. slope, 120 ft. above junction of draws.

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, for 1/4 sec. cor., with brass cap marked



from which

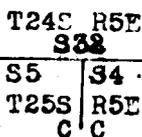
A pinon, 10 ins. diam., bears N. 23° E., 36 lks. dist., marked 1/4 S4 BT.

A juniper, 18 ins. diam., bears S. 5° W., 75 lks. dist., marked 1/4 S5 BT.

- 43.90 Spur, 80 ft. above the 1/4 sec. cor., projects W.; descend gradual NW. slope.
- 64.30 Head of gulch, 30 ft. below spur, drains S. 80° W., about 7.00 chs. dist., thence SW.; ascend gradually over general SW. slope.
- 78.35 Intersect the E. bdy. sec. 32, T. 24 S., R. 5 E., East, 6.30 chs. dist. from the 1/4 sec. cor. sec. 32, an iron post, 1 in. diam., set, marked, and witnessed as described in the official record.

At point of intersection, on general SW. slope, 290 ft. above head of gulch.

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, for closing cor. of secs. 4 and 5, T. 25 S., R. 5 E., with brass cap marked



1938

from which

A pinon, 7 ins. diam., bears S. 1° E., 11 lks. dist., marked T25S R5E S4 CC BT.

A pinon, 6 ins. diam., bears S. 51° W., 33 lks. dist., marked T25S R5E S5 CC BT.

Land, rough and mountainous, with a general southwesterly exposure and drainage.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

Soil, shallow clay and shale, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

From the standard cor. of secs. 31 and 32, on the S. bdy. of the township, heretofore described.

North, bet. secs. 31 and 32.

Descend abrupt NE. slope of broken mountainous land, through scattered timber and undergrowth.

- 1.20 Gulch, 60 ft. below cor., drains S. 80° E., 4.00 chs. dist. to junction with next gulch, and heads W., 2.00 chs. dist.; ascend steep ledgy S. slope.
- 4.90 Spur, 70 ft. above gulch, projects NE., 3.00 chs. dist. to end; descend abrupt N. slope.
- 9.30 Draw, 100 ft. below spur, drains SE. from the J.; ascend abrupt S. slope.
- 18.50 Spur, at E. edge of peak, 200 ft. above draw, projects SE.; descend ledgy NE. slope.
- 33.20 bottom of main draw, 160 ft. below spur, drains SE.; trail in bottom of draw, bears NW. and SE.; ascend broken S. slope.
- 40.00 On broken S. slope, 80 ft. above draw.
- 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 a sec. cor., with brass cap marked
- S31 | S32
1938
- deposit a sandstone, 10 x 10 x 10 ins., at base of post, marked A.
- No bearing trees available.
- 56.50 Top of S. rim of spur, 100 ft. above the sec. cor., rim bears NW. and SE., and spur projects SE.; thence across top of spur.
- 67.50 Top of N. rim of spur, bears NW. and SE.; descend broken NE. slope.
- 79.14 On top of S. rim of gulch, bears NW. and SE.
- Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for witness cor. to the cor. of secs. 29, 30, 31, and 32, with brass cap marked

. SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

201280

W C	
T25S	R5E
S30	S29

S31	S32

1938

raise a

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

80.00 True point for the cor. of secs. 29, 30, 31, and 32, falls in S. breaks of gulch, where it is impracticable to set a cor.

Land, broken sandstone ledges and shale breaks with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage, black, and bitter brush, Brigham tea, shadscale, weeds, and grass.

Timber, very scattered scrub juniper and pinon.

Poor grazing land.

East, on random line, bet. secs. 29 and 32, from the true point for the cor. of secs. 29, 30, 31, and 32.

40.00 Set temp. 1/2 sec. cor.

79.70 Intersect the N. and S. line, 14 lks. S. of the cor. secs. 28, 29, 32, and 33.

Thence:

S. 89°54' W., on true line, bet. secs. 29 and 32.

Descend abrupt NW. slope of broken mountainous land, through scattered timber and undergrowth.

11.20 Junction of gulches from NW. and NE., 210 ft. below cor., drain SE.; ascend gradual NE. slope.

28.20 Wide spur, 190 ft. above junction of gulches, projects SE.; descend abrupt SW. slope.

39.85 On E. side of bottom of gulch.

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, for 1/2 sec. cor., with brass cap marked

S29

S32

1938

from which

A pinon, 9 ins. diam., bears N. 60° E., 45 lks. dist., marked 1/2 S29 BT.

A pinon, 9 ins. diam., bears S. 28°30' E., 58 lks. dist., marked 1/2 S32 BT.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

40.20 Gulch, 210 ft. below spur, drains southeasterly; ascend steep NE. slope.

52.30 Spur, 140 ft. above gulch, projects SE.; descend steep ledgy SW. slope.

70.20 Gulch, 250 ft. below spur, drains SE.; ascend gradually along SW. breaks of gulch.

79.70 The true point for the cor. of secs. 29, 30, 31, and 32, 210 ft. above gulch, and which is North, . . . 86 lks. dist. from the witness cor. to the cor. of said secs.

Land, broken, with a general southwesterly and southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, Brigham tea, and weeds.

Timber, juniper and pinon.

Poor grazing land.

From the true point for the cor. secs. 29, 30, 31, and 32, West, on random line, bet. secs. 30 and 31.

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

73.25 Intersect the W. bdy. of the township, 38 lks. N. of the cor. secs. 29, 30, 31, and 32, an iron post, 2 ins. diam., set, marked, and witnessed, as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

Thence:

N. 89°42' E., on true line, bet. secs. 30 and 31.

Descend abrupt E. slope of broken mountainous land, through scattered undergrowth.

3.00 Draw, 90 ft. below cor., drains S. 15° E.; ascend abrupt SE. slope.

15.70 Spur, 150 ft. above draw, projects S. 50° E.; descend abrupt NE. slope.

28.30 Draw, 200 ft. below spur, drains S. 70° E.; ascend abrupt SW. slope.

32.20 Small gulch, 30 ft. deep, drains SW.

33.25 On broken S. slope, 60 ft. above draw.

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 $\frac{1}{4}$ sec. cor., with brass cap marked

S30

S31

1938

deposit a sandstone, 9 x 8 x 8 ins., at base of post, marked X.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

54.70 Ridge, 240 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; descend broken NE. slope.

73.25 The true point for the cor. of secs. 29, 30, 31, and 32, 150 ft. below ridge, which is North, 86 lks. dist. from the witness cor. to the cor. of said secs.

Land, broken and mountainous, with a general southerly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, and weeds.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land.

From the true point for the cor. of secs. 29, 30, 31, and 32, which is North, 86 lks. dist. from the witness cor. to the cor. of said secs.

N. 0°03' W., bet. secs. 29 and 30.

Descend abrupt N. slope of S. breaks of gulch, through scattered undergrowth.

2.10 Gulch, 80 ft. below cor., drains S. 80° E.; ascend abruptly over broken N. breaks of gulch.

25.60 Top of N. rim of gulch, 360 ft. above bottom, bears NW. and SE.; ascend gradually over ledgy SW. slope.

27.50 Spur, 20 ft. above rim, projects SE.; descend abrupt NE. slope.

35.90 Gulch, 100 ft. below spur, drains SE.; ascend abrupt SW. slope.

40.00 On broken SW. slope, 30 ft. above gulch.

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

$\frac{1}{4}$
 S30 | S29
 1938

from which

A pinon, 5 ins. diam., bears S. 44° E., 60 lks. dist., marked $\frac{1}{4}$ S29 BT.

No other bearing tree available.

49.00 Slope changes from an abrupt SW. slope to an abrupt SE. slope.

67.00 Ascent becomes more gradual, bears E. and W.

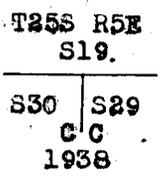
71.00 Base of abrupt nearly inaccessible S. breaks of high mountainous land to the NW., 420 ft. above the $\frac{1}{4}$ sec. cor., bears N. 80° E. and S. 80° W.

79.91 Intersect the S. bdy. of sec. 19, S. 89°00' W., 6.71 chs. dist. from the cor. of secs. 19 and 20, heretofore describ

SUBDIVISION OF, T. 25 S., R. 5 E.

At point of intersection, on steep SE, face of breaks, 450 ft. above base.

Set an iron post, 5 ft. long, 2 ins. diam., 10 ins. in the ground to solid rock and in a large mound of stone, for closing cor. of secs. 29 and 30, with brass cap marked



deposit a sandstone, 10 x 10 x 8 ins., at base of post, marked X.

Land, rough and mountainous, with a general southerly exposure and drainage.

Soil, shallow, clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, silver leaf, Brigham tea, and weeds.

Timber, a few scattered scrub juniper and pinon.

Poor grazing land, most of which is inaccessible to stock.

From the cor. of secs. 19 and 20.

N. 89°54' E., on random line, bet. secs. 20 and 29.

33.00 Set temp. 1/4 sec. cor.

72.99 Intersect the N. and S. line, 34 lks. N. of the cor. secs. 20, 21, 28, and 29.

Thence:

N. 89°50' W., on true line, bet. secs. 20 and 29.

Ascend broken E. slope of rough mountainous land, through scattered timber and undergrowth.

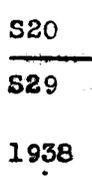
9.60 Ridge, 130 ft. above cor., bears N. 20° W. and S. 70° E.; descend gradually over broken SW. slope.

17.50 Draw, 40 ft. below ridge, drains SE.; ascend abrupt SE. slope.

26.40 Gulch, 50 ft. deep, drains S. 80° E.; continue ascent.

39.85 On broken SE. slope, 170 ft. above draw, point which is midway bet. the cor. of secs. 20, 21, 28, and 29, and the closing cor. of secs. 29 and 30.

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

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

A pinon, 8 ins. diam., bears S. 25° E., 50 lks. dist., marked $\frac{1}{4}$ S29 BT.

A pinon, 8 ins. diam., bears N. 2° W., 119 lks. dist., marked $\frac{1}{4}$ S20 BT.

63.00 Base of almost inaccessible high breaks of mountains, bears NE. and SW.; thence ascend abruptly over broken sandstone ledges.

72.99 The cor. of secs. 19 and 20, 580 ft. above the $\frac{1}{4}$ sec. cor. and which is N. 89°00' E., 6.71 chs. dist. from the closing cor. of secs. 29 and 30.

Land, rough and mountainous, with a general southeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, shadscale, and weeds.

Timber, a few scattered scrub juniper and pinon.

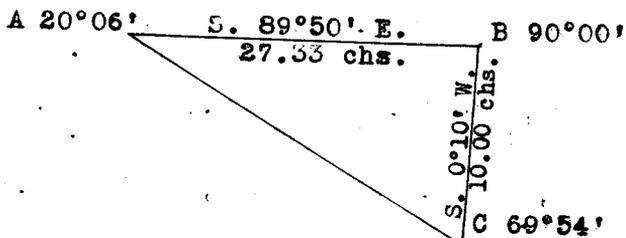
Poor grazing land, most of which is inaccessible to stock.

From the cor. of secs. 17, 18, 19, and 20, heretofore described.

S. 89°50' E., on random line, bet. secs. 17 and 20.

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

45.44 Top of inaccessible E. breaks of mountain over which I am unable to chain, I therefore triangulate as follows. Erect flag A at this point and flag B on line to the E. From B, survey base line BC, S. 0°10' W., 10.00 chs. dist. From C, line AB subtends an angle of 69°54'. From A, line BC subtends an angle of 20°06'. Vertical angle from A to B, is minus 23°00'. All angles checked by repetition and base line double chained



Distance on line 45.44 chs. ✓
 Distance by triangulation 27.33 chs. ✓
 72.77 chs. ✓

72.77 To point B. of triangulation at a point 8 lks. S. of the cor. secs. 16, 17, 20, and 21.

Thence:

N. 89°54' W., on true line, bet. secs. 17 and 20.

Ascend by triangulation over inaccessible E. breaks of high mountain to the W.

27.33 Top of E. rim of mountain, 770 ft. above cor., bears N. 30° E. and S. 30° W.; continue ascent over broken E. slope.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

40.00 Find no trace of the original $\frac{1}{4}$ sec. cor. secs. 17 and 20,

On top of ridge, 320 ft. above the $\frac{1}{4}$ sec. cor., bears N. 15° E. and SW.

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, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S17}{S20}$

1938

from which

A pinon, 10 ins. diam., bears S. 29° W., 41 lks. dist., marked $\frac{1}{4}$ S20 BT.

A pinon, 8 ins. diam., bears N. 50° W., 18 lks. dist., marked $\frac{1}{4}$ S17 BT.

Thence, on an independent resurvey, superseding the survey executed by Andrew P. Hanson, U.S. Deputy Surveyor, in 1895.

Descend gradual NW. slope through dense timber.

57.50 Descent becomes more abrupt, bears NE. and SW.

62.90 Draw, 190 ft. below the $\frac{1}{4}$ sec. cor., drains N. 30° W.; ascend gradual NE. slope.

70.00 Spur, 50 ft. above draw, projects N., 3.00 chs. dist. to end; descend gradual NW. slope.

71.90 Small draw, 30 ft. below spur, drains N. 10° E.; continue descent.

72.77 The cor. of secs. 17, 18, 19, and 20, 10 ft. below draw.

Land, broken and mountainous, with a general easterly and northwesterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, shadscale, and weeds.

Timber, juniper and pinon on W. portion of mile.

Poor grazing land, most of which is inaccessible to stock.

From the cor. of secs. 17 and 18, heretofore described.

S. 89°54' E., on random line, bet. secs. 8 and 17.

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

39.04 Intersect the cor. of secs. 8 and 9, which is West, 2.39 chs. dist. from the cor. of secs. 16 and 17.

Thence:

From the cor. of secs. 8 and 9.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

N. 89°54' W., on true line, bet. secs. 8 and 17.

Descend general N. slope of broken mountainous land, through dense timber and scattered undergrowth.

10.60 Slope changes from a general N. slope to a gradual NW. slope.

22.20 Gulch, 190 ft. below cor., drains N. 20° E.; ascend gradual SW. slope.

27.60 Sandstone spur, 60 ft. above gulch, projects NE.; descend gradual NW. slope.

35.00 Descent becomes abrupt, bears NE. and SW.

37.61 On abrupt NW. slope, 70 ft. below spur; point which is a westing of 40.00 chs. from the cor. of secs. 16 and 17.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. sec. 17, with brass cap marked

S17

1938

from which

A pinon, 10 ins. diam., bears S. 59°15' E., 14 lks. dist., marked $\frac{1}{4}$ S17 BT.

A pinon, 12 ins. diam., bears S. 67°30' W., 55 lks. dist., marked $\frac{1}{4}$ S17 BT.

39.60 Gulch, 30 ft. below the $\frac{1}{4}$ sec. cor., drains N., 4.00 chs. dist., thence NE.; ascend gradual SE. slope.

40.00 On gradual SE. slope, 20 ft. above gulch.

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 $\frac{1}{4}$ sec. cor. sec. 8, with brass cap marked

S8

1938

from which

A pinon, 12 ins. diam., bears N. 82°30' E., 26 lks. dist., marked $\frac{1}{4}$ S8 BT.

A pinon, 10 ins. diam., bears N. 26° W., 18 lks. dist., marked $\frac{1}{4}$ S8 BT.

50.00 Ascent becomes more gradual, bears NE. and SW.

69.04 The cor. of secs. 17 and 18, heretofore described, 200 ft. above the $\frac{1}{4}$ sec. cor. sec. 8.

Thence, S. 89°02' W., along the N. bdy. sec. 18, with continuous measurement, on dependent resurvey line.

80.00 On gradual SE. slope, 110 ft. above the cor. of secs. 17 and 18.

SUBDIVISION OF T. 25 S., R. 5 E.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 7 and 8, with brass cap marked

T25S	R5E
S7	S8

S18

1938

from which

A pinon, 12 ins. diam., bears N. 49° E., 53 lks. dist., marked T25S R5E S8 BT.

A pinon, 12 ins. diam., bears N. 44° 45' W., 10 lks. dist., marked T25S R5E S7 BT.

Land, broken and mountainous, with a general easterly exposure and drainage.

Soil, shallow sand and clay, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, shadscale, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

From the cor. of secs. 7 and 8.

N. 0° 03' W., bet. secs. 7 and 8.

Over gradual SE. slope of broken mountainous land, through dense timber and scattered undergrowth.

0.80 Slope changes from a gradual SE. slope to a gradual NE. slope.

40.00 On gradual NE. slope, 80 ft. below 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, for sec. cor., with brass cap marked

S7	S8
----	----

1938

from which

A pinon, 18 ins. diam., bears N. 34° E., 24 lks. dist., marked S8 BT.

A juniper, 7 ins. diam., bears N. 67° W., 3 lks. dist., marked S7 BT.

52.00 Draw, 50 ft. below the sec. cor., drains N. 60° E.; continue descent over NE. slope.

53.00 Leave timber, bears E. and W.

58.00 Enter timber, bears E. and W.

80.00 On gradual NE. slope, 30 ft. below draw.

72
SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. secs. 5, 6, 7, and 8, with brass cap mark

T25S	R5E
S6	S5
S7	S8

1938

from which

A pinon, 10 ins. diam., bears N. 44° E., 58 lks. dist., marked T25S R5E S5 BT.

A pinon, 6 ins. diam., bears S. 72° E., 32 lks. dist., marked T25S R5E S8 BT.

A pinon, 18 ins. diam., bears S. 78°30' W., 9 lks. dist., marked T25S R5E S7 BT.

A pinon, 10 ins. diam., bears N. 42° W., 34 lks. dist., marked T25S R5E S6 BT.

Land, rough and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, shadscale, weeds, and grass.

Timber, juniper and pinon.

Fair grazing land.

S. 89°54' E., on random line, bet. secs. 5 and 8.

40.00 Set templ 2 sec. cor.

79.80 Intersect the N. and S. line, 23 lks. S. of the cor. secs. 4, 5, 8, and 9.

Thence:

S. 89°56' W., on true line, bet. secs. 5 and 8.

Ascend gradual SE. slope of broken mountainous land, through dense timber and scattered undergrowth.

4.00 Slope changes from a gradual SE. slope to a gradual NE. slope.

10.10 Top of ascent, 150 ft. above cor., bears NE. and SW.; descend gradual NW. slope.

12.30 Gulch, 70 ft. below top of ascent, drains N. 70° E.; ascend gradual SE. slope.

16.40 Spur, 40 ft. above gulch, projects NE.; descend gradual NW. slope.

21.30 Bend in small gulch, 40 ft. below spur, drains NE. from the NW.; ascend gradual NE. slope.

39.90 On gradual NE. slope, 180 ft. above bend in gulch.

SUBDIVISION OF, T. 25 S., R. 5 E.

Chains

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

S5
—
 $\frac{1}{2}$
S8

1938

from which

A pinon, 12 ins. diam., bears S. 21°15' E., 36 lks. dist., marked $\frac{1}{2}$ S8 BT.

A pinon, 10 ins. diam., bears N. 5° W., 93 lks. dist., marked $\frac{1}{2}$ S5 BT.

63.30 Ascent becomes abrupt, bears NW. and SE.

79.80 The cor. of secs. 5, 6, 7, and 8, 270 ft. above the sec. cor.

Land, broken and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, weeds, and grass.

Timber, juniper and pinon and a few scattered spruce.

Fair grazing land.

West, on random line, bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

69.19 Intersect the W. bdy. of the township, 12 lks. S. of the cor. secs. 1, 6, 7, and 12, an iron post, 2 ins. diam., set, marked, and witnessed as described in the official record of the survey of T. 25 S., R. 4 E., of this group.

Thence:

S. 89°54' E., on true line; bet. secs. 6 and 7.

Descend gradual E. slope of broken mountainous land, through dense timber and scattered undergrowth.

2.70 Swale, 30 ft. below cor., drains S.; ascend gradual W. slope.

7.40 Spur, 80 ft. above swale, projects S.; descend abrupt SE. slope.

22.60 Draw, 220 ft. below spur, drains NE.; ascend gradually along N. slope.

29.19 At top of ascent on N. slope, bears N. and S., 160 ft. above draw.

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, for $\frac{1}{2}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 25 S., R. 10 E.

Chains

and 15

S6

S7

Box 100
100

1938

from which

A pinon, 6 ins. diam., bears S. 71°45' E., 135 lks. dist., marked 1/2 S7 BT.

A juniper, 7 ins. diam., bears N. 83°30' W., 142 lks. dist., marked 1/2 S6 BT.

51.50 Spur, 120 ft. below the 1/2 sec. cor., projects N. 20° E.; descend gradual SE. slope.

61.70 Draw, drains NE.; continue gradual descent over NE. slope.

69.19 The cor. of secs. 5, 6, 7, and 8, 160 ft. below spur.

Land, rough and mountainous, with a general northeasterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, silver leaf, Brigham tea, weeds, and grass.

Timber, juniper and pinon and a few scattered spruce.

Fair grazing land.

N. 0°03' W., bet. secs. 5 and 6.

Descend gradual NE. slope of broken mountainous land, through dense timber and scattered undergrowth.

6.20 Gulch, 50 ft. below cor., drains N. 70° E.; ascend gradual SE. slope.

9.30 Spur, 50 ft. above gulch, projects N. 70° E., about 7.00 chs. dist. to end; descend gradual NE. slope.

40.00 On gradual NE. slope, 160 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for 1/2 sec. cor., with brass cap marked

S6 | S5

1938

from which

A pinon, 6 ins. diam., bears S. 62°30' E., 24 lks. dist., marked 1/2 S5 BT.

A pinon, 20 ins. diam., bears S. 45° W., 22 lks. dist., marked 1/2 S6 BT.

45.00 Slope changes from a gradual NE. slope to an abrupt NE. slope.

SUBDIVISION OF T. 25 S., R. 5 E.

Chains

- 62.20 Last Chance Creek, stream of alkali water, 3 links wide, 3 ins. deep, in bottom of deep, narrow canyon, 220 ft. below the $\frac{1}{4}$ sec. cor., flows S.80°E.; ascend steep ledgy S. slope.
- 69.70 Top of sandstone rim, 230 ft. above stream, faces S. and bears N.70°W. and S.70°E.; thence ascend broken SW.slope.
- 78.45 Intersect the S. bdy. of sec. 31, T. 24 S., R. 5 E., East, 6.45 chs. dist. from the $\frac{1}{4}$ sec. cor. sec. 31, an iron post, 1 in. diam., set, marked and witnessed, as described in the official record of the survey of T. 24 S., R. 5 E., of this group.

At point of intersection; on general SW. slope, 50 ft. above sandstone rim.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 5 and 6, T. 25 S., R. 5 E., with brass cap marked

T24S R5E
S31

S6 | S5
T25S | R5E
CC
1938

from which

A juniper, 7 ins. diam., bears S.26°45'E., 56 links dist., marked T25S R5E S5 CC BT

A juniper, 18 ins. diam., bears S.60°30'W., 12 links dist. marked T25S R5E S6 CC BT

Land, broken and mountainous, with a general northeasterly and southwesterly exposure and drainage.

Soil, shallow clay and sand, with a rocky surface; 4th rate.

Undergrowth, sage and black brush, shadscale, Brigham tea, silver leaf, weeds and grass.

Timber, juniper and pinon and a few scattered spruce.

Fair grazing land.

ESTABLISHMENT OF THE NORTH $\frac{1}{4}$ SECTION CORNERS OF THE
NORTH TIER OF SECTIONS, T. 25 S., R. 5 E.

At midpoint on the north boundary of section 1.

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, for $\frac{1}{4}$ sec. cor. sec. 1, only, with brass cap marked

$\frac{1}{4}$ S1
1938

from which

A pinon, 6 ins. diam., bears S.60°15'E., 269 links dist., marked $\frac{1}{4}$ S1 BT

A pinon, 6 ins. diam., bears S.63°W., 137 links dist., marked $\frac{1}{4}$ S1 BT

ESTABLISHMENT OF THE NORTH $\frac{1}{4}$ SECTION CORNERS OF THE
NORTH PIER OF SECTIONS, T. 24 S., R. 5 E.

Chains

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 36, T. 24 S., R. 5 E., an iron post, 1 in. diam., set, marked and witnessed as described in the field notes of the S. bdy. of T. 24 S., R. 5 E., bears East 54.12 chains distant, and the cor. of secs. 35 and 36, on the S. bdy. of T. 24 S., R. 5 E., an iron post, 2 ins. diam., set, marked and witnessed, as described in the field notes of the S. bdy. of T. 24 S., R. 5 E., bears West 51.88 chains distant.

At midpoint on the north boundary of section 2.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the $\frac{1}{4}$ section corner sec. 2, only, with brass cap marked

$\frac{1}{4}$ S2

1938

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 35, T. 24 S., R. 5 E., an iron post, 1 in. diam., set, marked and witnessed as described in the field notes of the S. bdy. of T. 24 S., R. 5 E., bears East 34.085 chs. dist., and the cor. of secs. 34 and 35, on the S. bdy. of T. 24 S., R. 5 E., an iron post, 2 ins. diam., set, marked, and witnessed, as described in the field notes of the S. bdy. of T. 24 S., R. 5 E., bears West 5.915 chs. dist.

At midpoint on the north boundary of section 3.

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

$\frac{1}{4}$ S3

1938

from which

A juniper, 18 ins. diam., bears S.32°E., 19 links dist., marked $\frac{1}{4}$ S3 BT

A juniper, 12 ins. diam., bears S.82°W., 98 links dist., marked $\frac{1}{4}$ S3 BT

From this cor. the witness cor. to the $\frac{1}{4}$ sec. cor. of sec. 34, T. 24 S., R. 5 E., an iron post, 1 in. diam., set, marked and witnessed, as described in the field notes of the S. bdy. of T. 24 S., R. 5 E., and which is set at a point West 3.75 chs. dist., from its true position, bears East 30.20 chs. dist., and the cor. of secs. 33 and 34, T. 24 S., R. 5 E., an iron post, 2 ins. diam., set, marked and witnessed, as described in the field notes of the survey of the S. bdy. of T. 24 S., R. 5 E., bears West 6.05 chs. dist.

At midpoint on the north boundary of section 4.

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

ESTABLISHMENT OF THE NORTH $\frac{1}{4}$ SECTION CORNERS OF THE
NORTH TIER OF SECTIONS, T. 25 S., R. 5 E.

Chains

cap marked

$\frac{1}{4}$ S4

1938

from which

A pinon, 10 ins. diam., bears S.54°30'E., 59 links
dist., marked $\frac{1}{4}$ S4 BT

A juniper, 6 ins. diam., bears S.4°30'W., 34 links
dist., marked $\frac{1}{4}$ S4 BT

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 33, T. 24 S.,
R. 5 E., an iron post, 1 in. diam., set, marked and
witnessed, as described in the field notes of the survey
of the S. bdy. of T. 24 S., R. 5 E., bears East 33.80
chs. dist., and the cor. of secs. 32 and 33, T. 24 S.,
R. 5 E., an iron post, 2 ins. diam., set, marked and
witnessed, as described in the field notes of the S. bdy.
T. 24 S., R. 5 E., bears West 6.20 chs. dist.

At midpoint on the north boundary of section 5.

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 $\frac{1}{4}$ sec. cor. of sec. 5, with brass cap marked

$\frac{1}{4}$ S5

1938

from which

A pinon, 5 ins. diam., bears S.60°E., 58 links dist,
marked $\frac{1}{4}$ S5 BT

A pinon, 8 ins. diam., bears S.28°E., 111 links dist,
marked $\frac{1}{4}$ S5 BT

From this cor. the $\frac{1}{4}$ sec. cor. of sec. 32, T. 24 S.,
R. 5 E., an iron post, 1 in. diam., set, marked and wit-
nessed, as described in the field notes of the survey
of the S. bdy. of T. 24 S., R. 5 E., bears East 33.625
chs. dist., and the cor. of secs. 31 and 32, T. 24 S.,
R. 5 E., an iron post, 2 ins. diam., set, marked and
witnessed, as described in the field notes of the S. bdy.
of T. 24 S., R. 5 E., bears West 6.375 chs. dist.

At 40.00 chs. from the closing corner of secs. 5 and 6,
on the north boundary of sec. 6.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 6, only, with brass
cap marked

$\frac{1}{4}$ S6

1938

from which

A cottonwood, 10 ins. diam., bears S.12°E., 222 lks.
dist., marked $\frac{1}{4}$ S6 BT

A cottonwood, 7 ins. diam., bears S.25°W., 172 lks.

ESTABLISHMENT OF THE NORTH $\frac{1}{4}$ SECTION CORNERS OF THE
NORTH TIER OF SECTIONS, T. 25 S., R. 5 E.

dist., marked $\frac{1}{4}$ S6 BT

From this cor. the cor. of Ts. 24 S., Rs. 4 and 5 E., an iron post, 3 ins. diam., set, marked and witnessed, as described in the field notes of the S. bdy. of T. 24 S., R. 5 E., bears East 6.60 chs. dist., and the closing cor. of Ts. 25 S., Rs. 4 and 5 E., an iron post, 3 ins. diam., set, marked and witnessed, as described in the field notes of the survey of the east boundary of T. 25 S., R. 4 E., bears West 29.24 chs. dist.

GENERAL DESCRIPTION

The lands within the boundaries of T. 25 S., R. 5 E., Salt Lake Meridian, Utah, are very rough and broken, and consist of the extreme east portion of the Fish Lake mountains to the west. It is of a blue shale and red sandstone formation. The west portion of the township is at an elevation of about 7000 feet above sea level, while the east portion is at an elevation of about 4500 feet above sea level. The northwest portion of the township is separated from the southeast portion by a high, broken sandstone reef which, in most places, is about 1000 feet high, and bears in a northeasterly and southwesterly direction through the township. In most places this reef is inaccessible to man or stock. To the southeast of this reef the land is cut by numerous deep gulches with vertical shale and sandstone walls, which drain southeasterly to a rolling desert country found mostly in sections 13, 14, 23, 24 and 25.

The northwest portion of the township is covered with a very dense growth of juniper and pinon timber, while the remaining portion has a very scattered growth of juniper and pinon. The timber has no commercial value except for firewood and fencing.

The undergrowth consists of a short scattered growth of sage and black brush, shadscale, Brigham tea, silver leaf, weeds and grass.

The soil in general consists of a shallow loose sand and clay, underlain with sandstone or blue shale, and has a rocky surface, and may be classified as fourth rate. In sections 13, 14, 23, 24 and 25 the soil is deeper and consists of a deep loose sand and clay, and may be classified as third rate.

The only permanent water in the township is Last Chance Creek, an intermittent stream of alkali water, 2 links wide, 2 inches deep, which flows in a southeasterly direction through sections 6, 5, 4, 9, 16, 15, 14, and 13. During the early spring months of the year this stream flows about one second foot of water, and is used for irrigation purposes on a ranch owned by Ervin Robinson, located in sections 14 and 23.

The only improvements found in the portion of the township that comes under this survey are about one mile of fencing in section 36, about $\frac{1}{2}$ mile of irrigation ditch in sections 15 and 23, a one-room log house, a corral, and about $\frac{1}{2}$ mile of fencing, all belonging to Ervin Robinson, located in section 22, and about $\frac{1}{2}$ mile of improved road in the NW. portion of section 6.

An unimproved stock trail bears southeasterly through sections 31 and 32, and an unimproved stock trail bears northeasterly through sections 14, 11, 12 and 1. A dirt road bears in a westerly direction through sections 13 and 14 to Robinson's ranch. An unimproved road, which can be travelled by automobile, bears in a southerly direction through the southeast portion of the township from Utah State Highway No. 10, to Jeffery's ranch, located in T. 26 S. R. 5 E.

GENERAL DESCRIPTION.

No portions of the township that come under this survey are suitable for farming, and it is suitable only for an early spring and winter grazing range for stock, and at the time of this survey, it was being used for this purpose, under the supervision of the Forest Service and the Division of Grazing.

All through the northwest portion of the township numerous outcroppings of coal were found, but no other indications of mineral, oil, or oil shale were found.

The only sections in the township that can be reached by automobile are sections 6, 13, 14, 23, 24, 25, 35, and 36.

The nearest postoffice to the township is at Emery, Utah, located about 30 miles to the northeast.

The S $\frac{1}{2}$ of section 6, SW $\frac{1}{2}$ of section 5, and sections 7, 8, 17, 18, 19, 20, 29, 30, 31 and 32 are within the boundaries of the Fish Lake National Forest.

The mean magnetic declination was found to be 16°45'E.

No portion of the township that was under
 are suitable for farming, and it is advised
 early spring and winter planting cannot be
 the time of this survey, it was determined
 under the supervision of the Forest Service
 plan of farming.

All through the northern portion of the
 one outcrop of coal were found, but no
 tions of lignite, oil, or gas were
 The only sections in the township that
 by automobile and sections, but no
 .50

The nearest section of the
 located about 10 miles to the
 The 10 sections of the township
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

The general location was
 on the north side of the

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Edward Eliason	Principal Assistant
Ulysses S. Gardner	Chairman
LeRoy Pullman	Chairman
O.V. Anderson Jr.	Chairman
Vernon Morgan	Chairman
Donald E. Stringfellow	Flagman
Jack Euttrey	Flggman
Wallace S. Odd	Cornerman
Wayne Robinson	Axman
Joe Raymond	Axman
John Albert Peterson	Axman
D. Garth Dix	Axman

CERTIFICATE OF SURVEYOR

I, Elliot Bird, Cadastral Engineer, HEREBY CERTIFY upon honor that,

pursuance of special instructions bearing date of the 4th day of June, 1934

received from the district cadastral engineer for Utah, ^{supplemental} with ^{assignment}

May 25, 1937 and April 20, 1938

instructions dated _____, I have surveyed made a dependent resurvey of portions of the subdivision and the Fifth Standard Parallel South, through R. 5 E., establishment of the north $\frac{1}{2}$ section corners of the north tier of sections, and survey of the east boundary, and a portion of the subdivision, completing the survey of T. 25 S., R. 5 E.

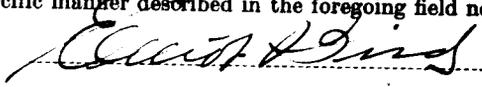
of the Salt Lake Meridian, in the State of Utah, which are

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, 1939

Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, February 16, 1942.

The foregoing field notes of the survey of dependent resurvey of portions of the subdivision and the Fifth Standard Parallel South, through R. 5 E., establishment of the north $\frac{1}{2}$ section corners of the north tier of sections, and survey of the east boundary, and a portion of the subdivision, completing the survey of T. 25 S., R. 5 E.

executed by Elliot Bird, Cadastral Engineer

under special instructions dated June 4, 1934, ^{supplemental} and ^{assignment}

instructions dated May 25, 1937 and April 20, 1938, 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.



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.~~