

**Volume**

**#**

**R0543**



# INDEX DIAGRAM

Township 34 SOUTH, Range 8 EAST

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

T 34 SA 3 E

Of the ..... Meridian,  
in the State of .....

EXECUTED BY

Under special instructions dated ....., 19....., which provided  
for the surveys included under Group No. ...., approved .....  
and assignment instructions dated ....., 19.....

Survey commenced ....., 19.....

Survey completed ....., 19.....

# INDEX DIAGRAM

Township 34 SOUTH, Range 9 EAST

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FIELD NOTES

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# INDEX DIAGRAM

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FIELD NOTES

T 35 S 1 P 8 E

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# INDEX DIAGRAM

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# FIELD NOTES

T 35 S 40 E

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# INDEX DIAGRAM

Township 35 SOUTH , Range 10 EAST

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FIELD NOTES

T 36 S R 9 E

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# INDEX DIAGRAM

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# FIELD NOTES

T-3, 1913

Of the ..... Meridian,

In the State of .....

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# FIELD NOTES

T 36 S R 13 E

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# INDEX DIAGRAM

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BUREAU OF LAND MANAGEMENT

FIELD NOTES

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Survey completed ....., 19.....

A

# INDEX DIAGRAM

Township 36 SOUTH, Range 15 EAST

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7	8	9	10	11	12	
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16	17	412	16	411	15	14
		412				
19	20	21	22	23	24	
29	28	28	27	26	25	
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31	413	32	413	33	34	35
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FIELD NOTES

T 36 5 19 16 9

Of the ..... Meridian,  
the State of .....

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Survey completed ....., 19.....

# INDEX DIAGRAM

Township 36 SOUTH, Range 16 EAST

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FIELD NOTES

7 275 188

Of the ..... Meridian,

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1A

# INDEX DIAGRAM

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FIELD NOTES

T 37 S R 9 E

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8A

# INDEX DIAGRAM

Township 37 SOUTH, Range 9 EAST

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# FIELD NOTES

T 30 S 17 R E

Of the ..... Meridian,

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Survey completed ....., 19.....

# INDEX DIAGRAM

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# FIELD NOTES

T 37 S 10 E

Of the ..... Meridian,

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Survey completed ....., 19.....

0A

# INDEX DIAGRAM

Township 37 SOUTH, Range 10 EAST

539 6	539 5	538 4	537 3 544	537 2 546	536 1 545	536 546
7	8	9 548	10 544	11	12	535
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

7-21-1917

Of the ..... Meridian,

In the State of .....

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Survey completed ....., 19.....

# INDEX DIAGRAM

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the Survey of

The South and East Boundaries

and a

Portion of the Subdivision

of

Township 34 South, Range 8 East

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

Robert K. Burgess, Cartographic Survey Aid

Under special instructions dated March 2, 1954, which provided  
for the surveys included under Group No. 388-Utah, approved April 6, 1954  
and assignment instructions dated March 30, 1955.

Survey commenced April 22, 1955.

Survey completed July 1, 1955.

# INDEX DIAGRAM

Township 34 S. \_\_\_\_\_, Range 8 E. \_\_\_\_\_

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			20	19	18
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		23			
19	20	21	15 22	23	24 8
30	29	25	18 27	26	25 7
	26	22			13
31	32	31 33	14 34	35	12 36 7
6			3	2	1

16 26770 1

Lines miled in red were surveyed by Fred R. Chappell.

Lines miled in blue were surveyed by Robert K. Burgess.

2439

Towship 34 South, Range 8 East

Chains

The west boundary of Township 34 South, Range 8 East, of the Salt Lake Meridian, Utah, was surveyed in 1954 under Group 387, Utah. The north boundary is being surveyed concurrently under this group. The following field notes are those of a survey of the south and east boundaries and that part of the subdivisional lines considered sufficient in extent to facilitate the development of the natural resources and to mark the boundaries of the sections normally considered State school land. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit number 26066 and W. and L. E. Gurley solar transit number 461263, both being the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey station "Mesa" is as follows: Latitude 37° 48' 03.3" North, and Longitude 110° 58' 01.1" West. The mean magnetic declination was found to be 15° 15' East.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

South Boundary, T. 34 S., R. 8 E.

---

Beginning at the cor. of Ts. 34 and 35 S., Rs. 8 and 9 E., mkd. by an iron post conforming to the record of the survey of T. 35 S., R. 8 E., concurrently surveyed.

Thence:

N. 89° 59' W., bet. secs. 1 and 36.

## Chains

Over mountainous land through scattered juniper and pinon and scant undergrowth.

Asc. 30 ft. over E. slope.

4.00 Top of red sandstone knoll; desc. 45 ft.

7.00 Sandstone ledge, faces W., desc. abruptly 40 ft. to base of ledge; continue descent of 30 ft. over rolling sandstone bottom land.

16.20 Hall Creek wash, 50 lks. wide, drains southerly.

21.50 Dirt road, bears N. and S.; asc. 20 ft. over broken land.

26.00 Base of E. face of Water Pocket Fold; asc. 350 ft. over E. slope.

40.00 At the  $\frac{1}{4}$  cor. of secs. 1 and 36.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 ins. stem in a hole drilled into solid rock, and mkd.

S36  
 $\frac{1}{4}$  ———  
 S 1  
 1955

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

Continue ascent of 200 ft. over E. slope.

45.00 Wash, drains S., continue up E. slope.

52.00 Slope changes to steep N.

68.20 On E. slope of bare white sandstone; asc. 250 ft. over steep E. slope.

80.00 At the cor. of secs. 1, 2, 35, and 36.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 in. stem in a hole drilled into solid rock, and mkd.

T34SR8E  
 S35 | S36  
 S 2 | S 1  
 T35S  
 1955

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

Land, white sandstone.

Soil, sandy.

Timber, scant juniper and pinon.

Undergrowth, black brush, mountain rush and thinly scattered grass.

N.  $89^{\circ} 59'$  W., bet. secs. 2 and 35.

Over mountainous land, through scattered juniper and pinon, and scant undergrowth.

Asc. 70 ft. over E. slope.

4.20 Top of spur, projects S.; desc. 50 ft. over W. slope.

S. Bdy., T. 34 S., R. 8 E.

## Chains

- 8.90 Draw, drains S.; asc. 130 ft. over E. slope.
- 19.00 Top of spur, projects S.; desc. 30 ft. over W. slope to bottom.
- 26.00 Asc. 80 ft. up SE. slope.
- 33.40 Top of spur, projects S.; desc. 70 ft. along S. slope.
- 40.00 At the  $\frac{1}{4}$  cor. of secs. 2 and 35, falls on E. side of small draw, draining SE.
- Cement a brass tablet  $3\frac{1}{2}$  ins. diam., with a 3 in. stem in a hole drilled into solid rock and mkd.
- $$\frac{1}{4} \frac{S35}{S 2}$$
- 1955
- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 41.10 Draw, drains SE.; asc. 130 ft. over steep E. slope.
- 45.80 Edge of sheer cliff; desc. over W. slope.
- 65.00 Wash, drains SW.; asc. 240 ft. over SE. slope.
- 80.00 True point for sec. cor. of secs. 2, 3, 34, and 35; falls on a steep E. slope and is inaccessible.
- Land, bare white sandstone.  
Soil, sandy.  
Timber, scattered juniper and pinon.  
Undergrowth, silver leaf, black brush, mountain rush and sparse grass.

N. 89° 59' W. bet. secs. 3 and 34.

Over mountainous land, through scattered juniper and pinon and scant undergrowth.

- 7.30 Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 ins. stem in a hole drilled into solid rock and mkd. as a witness cor. of secs. 2, 3, 34 and 35.

$$\begin{array}{c} T34SR8E \\ S34 | S35 \\ S 3 | S 2 \rightarrow \\ W C \\ T35S \\ 1955 \end{array}$$

Raise a mound of stone, 3 ft. base, 3 ft. high, N. of Witness Cor.

Asc. 430 ft. over broken E. slope.

- 40.00 At the  $\frac{1}{4}$  cor. of secs. 3 and 34.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 in. stem, in a hole drilled into solid rock and mkd.

$$\frac{1}{4} \frac{S34}{S 3}$$

1955

## Chains

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

Continue ascent of 210 ft. over broken E. slope.

61.90 Cliff, faces SW., desc. abruptly 100 ft. to base of cliff.

72.00 Continue descent of 300 ft. over broken SW. slope.

80.00 At the cor. of secs. 3, 4, 33, and 34, over a cross (X) cut in solid rock.

Set an iron post, 30 ins. long and  $2\frac{1}{2}$  ins. diam., in a large mound of stone, with brass cap mkd.

T34SR8E

S33 | S34

S 4 | S 3

T35S

1955

Land, sandstone.

Soil, shale and gravelly.

Timber, scattered juniper and pinon.

Undergrowth, black brush, mountain rush and sparse grass.

N.  $89^{\circ} 59'$  W., bet. secs. 4 and 33.

Over mountainous land, through medium dense juniper and pinon, and undergrowth.

Desc. 150 ft. over broken W. slope.

5.70 Rocky Mt. Mine road, 20 ft. wide, bears NW. and SE.; desc. 110 ft. over broken land.

20.40 Wash, 15 lks. wide, drains S. 3 chs. to junction; asc. over broken land.

39.35 Small wash, 5 lks. wide, drains N.  $30^{\circ}$  E.

40.00 At the  $\frac{1}{4}$  cor. of secs. 4 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 11 ins. in the ground and in a large mound of stone, with brass cap mkd.

$\frac{1}{4}$  S33

S 4

1955

From which,

A pinon, 5 ins. diam., bears S.  $03^{\circ}$  E., 62 lks. dist., mkd.  
 $\frac{1}{4}$ S4BT.

Asc. 90 ft. over gradual NE. slope.

45.80 Enter dense timber; asc. 200 ft. over gradual NE. slope.

66.00 Crown of spur, projects SE.; desc. 110 ft. over SW. slope.

71.00 Wash, 10 lks. wide, drains S.; asc. 95 ft. over SE. slope.

80.00 At the cor. of secs. 4, 5, 32, and 33, over a cross (X) cut in solid rock,

S. Bdy., T. 34 S., R. 6 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a large mound of stone, with brass cap mkd.

T34SR8E  
S32|S33  
 S 5|S 4  
 T35S  
 1955

From which,

A pinon, 7 ins. diam., bears S. 85° W., 72 lks. dist., mkd. S5BT.

A pinon, 5 ins. diam., bears N. 27° E., 80 lks. dist., mkd. T34SR8ES33BT.

Land, sandstone.

Soil, clay, shale and gravelly.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, bitter brush, mountain rush and silver leaf.

N. 89° 59' W., bet. secs. 5 and 32.

Over mountainous land through medium dense juniper and pinon and undergrowth.

Asc. 280 ft. over SE. slope.

17.00 Spur, projects N. 70° E.; continue ascent of 240 ft. over broken land.

40.00 At the ¼ sec. cor. of secs. 5 and 32, falls on S. slope of spur projecting E.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

¼ S32  
 S 5  
 1955

From which,

A juniper, 4 ins. diam., bears N. 14° W., 33 lks. dist., mkd. ¼S32BT.

42.50 Asc. 20 ft.; enter dense timber; desc. 60 ft. over SW. slope.

66.60 Small wash, 2 lks. wide, drains S. 10° E.; continue over broken land.

78.70 Wash, 10 lks. wide, drains SW.

80.00 At the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34SR8E  
S31|S32  
 S 6|S 5  
 T35S  
 1955

## S. 34 S., T. 34 S., R. 8 E.

Thence

From which,

A pinon, 10 ins. diam., bears S. 51° 40' E., 51 lks. dist.,  
mkd. 73 SRS9587.

Land, mountainous and rolling mountainous.

Soil, sandy, gravelly and rocky.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, mountain rush, silver leaf and thimble  
berry.

N. 49° 19' W., bet. secs. 6 and 31.

Over mountainous land, through medium dense juniper and pinon and  
undergrowth.

10.40 Wash, 4 lks. wide, drains SW.; desc. over broken SW. slope.

20.60 Recross wash, draining NW; continue along broken N. slope.

36.40 Wash, 5 lks. wide, drains N. to previous wash draining NW.

42.00 At the sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground,  
and in a large mound of stone, with brass cap mkd.

$$\begin{array}{r} S31 \\ \hline S6 \\ 1955 \end{array}$$

From which,

A pinon, 10 ins. diam., bears N. 89° W., 48 lks. dist., mkd.  
74187.

Asc. 110 ft. along broken N. slope.

14.10 S. edge bend of wash, drains E.

48.20 Enter medium dense timber; desc. 115 ft. over broken land.

67.40 Recross wash, 20 lks. wide, drains SW.; continue descent over broken  
land.

76.40 Wash, 7 lks. wide, drains S. 2 chs. into previous wash.

79.60 The cor. of Tps. 34 and 35 S., Rs. 7 and 8 E., mkd. by an iron post,  
conforming to the record of the survey of T. 34 S., R. 8 E.

Land, mountainous.

Soil, sandy, rocky and shale.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, mountain rush, silver leaf and bitter  
brush.

East Boundary, T. 34 S., R. 8 E.

Beginning at the cor. of Tps. 34 and 35 S., Rs. 8 and 9 E.

Thence:

## E. Bdy., T. 34 S., R. 8 E.

## Chains

North on the E. Bdy. bet. secs. 31 and 36.

Over rolling sandy hills, through scattered juniper and pinon and scant undergrowth.

26.40 Junction of 2 washes from SE. and NE., 10 lks. wide, drains W.

29.00 Wash, 5 lks. wide, drains S. 80° W.

36.65 Wash, 5 lks. wide, drains SW.

40.00 At the  $\frac{1}{2}$  sec. cor. of secs. 31 and 36, falls on W. edge of wash, draining SW.

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

$\frac{1}{2}$   
S36|S31  
1955

From which,

A juniper, 4 ins. diam., bears S. 03° 30' E., 3.13 chs. dist., mkd.  $\frac{1}{2}$ S31BT.

40.95 Recross wash and base of spur, projecting SW.; asc. 70 ft. over broken SE. slope.

60.00 Bare sandstone shelf and head of draw, drains N. 30° W.

66.00 Sandstone bench, 1 ch. wide, 3 chs. long, 20 ft. high, faces W., also wash, 3 lks. wide, drains N. 70° W.

80.00 At the sec. cor. of secs. 25, 30, 31 and 36, falls 30 lks. S. of small wash draining W.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34S  
R8E R9E  
S25|S30  
S36|S31  
1955

From which,

A juniper, 7 ins. diam., bears N. 86° 30' W., 2.12 chs. dist., mkd. T34SR8ES25BT.

Land, rolling.

Soil, sandy clay, and gravelly.

Timber, thinly scattered juniper.

Undergrowth, yellow bush, mountain rush, bitter brush and some grass.

North, bet. secs. 25 and 30.

Over mountainous land, through scattered juniper and pinon and scant undergrowth.

Asc. 120 ft. over a broken SW. slope.

E. Bdy., T. 34 S., R. 8 E.

Chains

- 4.00 Wash, drains SW.
- 23.00 Base of steep W. slope; asc. 200 ft.
- 40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, falls on face of cliff and is inaccessible.
- 40.60 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.  
Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 in. stem drilled into solid rock, and mkd.



- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
- Continue ascent 120 ft. over broken S. slope.
- 45.00 Top of bench, bears NW. and SE.; desc. 360 ft. over broken NE. slope to sec. cor.
- 80.00 At the cor. of secs. 19, 24, 25, and 30.  
Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, and in a mound of stone, with brass cap mkd.



From which,  
A pinon, 5 ins. diam., bears S.  $46^{\circ} 15'$  E., 95 lks. dist., mkd. T34SR9ES30BT.

Land, mountainous.  
Soil, gravelly and rocky.  
Timber, scattered juniper and pinon.  
Undergrowth, black brush, and sparse grass.

North, bet. secs. 19 and 24.

Over mountainous land, through scattered juniper and pinon.  
Desc. 50 ft. over NE. slope.

- 6.00 Wash, 7 lks. wide, drains N.  $60^{\circ}$  W.; desc. 25 ft.
- 11.20 Road, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E., enter clay; desc. 40 ft.
- 15.00 Wash, 3 lks. wide, drains W.
- 16.00 Small clay spur, projects NW.
- 20.70 Small clay spur projects S.  $80^{\circ}$  W.; desc. 30 ft. over NW. slope.
- 23.00 Small wash, drains S.  $60^{\circ}$  W.; continue desc. of 30 ft.
- 31.40 Wash, 10 lks. wide, drains S.  $50^{\circ}$  W.

## E. Bdy., T. 34 S., R. 8 E.

## Chains

- 40.00 At the  $\frac{1}{2}$  sec. cor. of secs. 19 and 24.  
Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{2}$   
S24 | S19  
1955

A cross (X) on a large sandstone boulder, mkd. B0, bears N.  $38^{\circ} 40'$  E., 129 lks. dist.

- 61.00 Small wash, drains SW.; asc. 800 ft. over steep SW. talus slope of Swap Mesa.

- 72.10 S. edge of sandstone ledge of mesa top; enter medium dense timber; desc. over broken mesa top.

- 80.00 At the cor. of secs. 13, 18, 19, and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., to solid rock, and in a large mound of stone, with brass cap mkd.

T34S  
R8E | R9E  
S13 | S18  
S24 | S19  
1955

From which,

A pinon, 4 ins. diam., bears S.  $11^{\circ} 15'$  E., 30 lks. dist., mkd. S24BT.

A pinon, 6 ins. diam., bears S.  $13^{\circ} 15'$  E., 50 lks. dist., mkd. S19BT.

Land, mountainous.

Soil, clay and talus slopes.

Timber, scattered juniper and pinon.

Undergrowth, black brush, mountain rush, bitter brush and sparse grass.

North, bet. secs. 13 and 18.

Over mountainous land, through medium dense juniper and pinon. Over broken mesa top.

- 22.00 Wash, drains N.  $20^{\circ}$  W.; continue along rolling W. slope.

- 32.20 Wash, 15 lks. wide, drains W.; descending gradually over broken mesa top.

- 40.00 At the  $\frac{1}{2}$  sec. cor. of secs. 13 and 18, falls on S. edge of small draw, draining NE.

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

$\frac{1}{2}$   
S13 | S18  
1955

Chains

From which,

A pinon, 8 ins. diam., bears N. 40° 15' W., 55 lks. dist., mkd.  $\frac{1}{4}$ S13BT.

A pinon, 4 ins. diam., bears S. 40° 15' E., 20 lks. dist., mkd. BT.

Over broken mesa top.

43.10 Wash, 15 lks. wide, drains W.

51.20 Wash, 10 lks. wide, drains W.

55.00 Wash, 7 lks. wide, drains S. 60° W.

69.00 Wash, 10 lks. wide, drains S. 60° W.

77.20 Wash, 10 lks. wide, drains W.

80.00 At the cor. of secs. 7, 12, 13, and 18, falls on small spur projecting W.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34S  
R8E R9E  
S12 S 7  
S13 S18  
1955

From which,

A pinon, 5 ins. diam., bears N. 86° W., 51 lks. dist., mkd. T34SR8ES12BT.

Land, rolling mountainous.

Soil, sandy.

Timber, medium dense juniper and pinon.

Undergrowth, silver leaf, bitter brush, mountain rush and sparse grass.

North, bet. secs. 7 and 12.

Over mountainous land, through scattered juniper and pinon and scant undergrowth.

Over broken mesa top; asc. 55 ft. over S. slope.

13.70 Spur, projects W.; desc. 90 ft. over N. slope.

26.20 Wash, 12 lks. wide, drains W.; continue over broken mesa top.

37.45 Shallow wash, 10 lks. wide, drains SW.

40.00 At the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
S12 S 7  
1955

## E. Bdy., T. 34 S., R. 9 E.

## Chains

From which,

A pinon, 5 ins. diam., bears N.  $46^{\circ} 15'$  W., 55 lks., dist.  
mkd.  $\frac{1}{4}$ S12BT.

A pinon, 6 ins. diam., bears N.  $78^{\circ} 15'$  E., 70 lks. dist.,  
mkd.  $\frac{1}{4}$ S7BT.

Asc. 20 ft.

42.50 Wash, 12 lks. wide, drains N.  $80^{\circ}$  W.; desc. 70 ft. over broken ground.

67.20 Wash, 7 lks. wide, drains W. into canyon; desc. 50 ft.

71.40 Wash, 10 lks. wide, in bottom of canyon, draining W.

80.00 At the cor. of secs. 1, 6, 7, and 12.

Cement a brass cap,  $3\frac{1}{2}$  ins. diam., with a 3 in. stem in a hole drilled into solid sandstone, and mkd.

T34S	
R8E	R9E
S 1	S 6
<u>S12</u>	<u>S 7</u>
1955	

From which,

A pinon, 10 ins. diam., bears N.  $49^{\circ}$  W., 1.07 chs. dist.,  
mkd. T34SR8ES1BT.

Land, rolling.

Soil, sandy and gravelly.

Timber, scattered juniper and pinon.

Undergrowth, bitter brush, mountain rush, and silver leaf.

North, bet. secs. 1 and 6.

Over mountainous land, through medium dense juniper and pinon and scant undergrowth.

Over broken mesa top; desc. 60 ft.

16.80 Wash, 7 lks. wide, drains W.; desc. 50 ft. over nearly level ground.

40.00 At the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, which falls 1 ch. S. of S. edge of Swap Canyon on the E. edge of small wash draining NW.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$	
S 1	S 6
1955	

From which,

A juniper, 5 ins. diam., bears N.  $81^{\circ} 30'$  W., 15 lks. dist.,  
mkd.  $\frac{1}{4}$ S1BT.

40.90 S. edge of canyon, 150 ft. deep, desc. steep N. slope.

45.00 Wash, drains N.  $30^{\circ}$  W. to Swap Canyon, asc. steep, rugged W. slope.

## E. Bdy., T. 34 S., R. 8 E.

## Chains

- 59.00 Spur, projects NW., desc. 200 ft. down N. slope to wash.
- 66.00 Wash, drains W. into Swap Canyon, asc. steep S. slope.
- 71.80 N. edge of Swap Canyon; continue over nearly level mesa top.
- 80.00 The cor. of Ts. 33 and 34 S., R. 8 E., falls 75 lks. E. of wash, 10 lks. wide, draining SW. into large canyon.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T33S	T33S
R8E	
S36	S31
S 1	R9E
T34S	
	1955

From which,

A pinon, 4 ins. diam., bears N.  $60^{\circ} 45'$  E., 51 lks. dist., mkd. T33SR9ES31BT.

A pinon, 7 ins. diam., bears S.  $75^{\circ}$  W., 84 lks. dist., mkd. T34SR8ES1BT.

Land, broken.

Soil, sandy and rocky.

Timber, medium dense juniper and pinon.

Undergrowth, silver leaf, bitter brush, mountain rush and sparse grass.

Portion of Subdivision, T. 34 S., R. 8 E.

Beginning at the cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp.

Thence:

N.  $0^{\circ} 01'$  W., bet. secs. 35 and 36.

Over mountainous land, through scattered juniper and scant undergrowth.

Desc. 190 ft. along broken E. face of the Water Pocket Fold.

20.75 Wash, in bottom of large draw, 15 lks. wide, drains E.; asc. 130 ft. over SE. slope.

28.00 Spur, projects E.; desc. 90 ft. over NW. slope.

38.50 Shallow draw, heads 6 chs. W., drains E.

40.00 At the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Cement a brass cap  $3\frac{1}{2}$  ins. diam., with a 3-in. stem in a hole drilled into solid rock and mkd.

$\frac{1}{4}$	S35   S36
	1955

## Subdivision, T. 34 S., R. 8 E.

## Chains

- Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Asc. 60 ft. over SE. slope.
- 46.60 Top of spur, projects NE.; desc. 150 ft. over NW. slope.
- 52.70 Large draw, drains E.; asc. 90 ft.
- 71.00 Sheer cliff, head of deep draw draining E.; desc. 160 ft.
- 74.30 Large draw, drains E. 3 chs.; thence S. 20° E. into junction.
- 80.00 At the cor. of secs. 25, 26, 35, and 36.

Cement a brass cap, 3½ ins. diam., with a 3 in. stem in a hole drilled into solid rock and mkd.

T34S  
S26|S25  
S35|S36  
1955

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

Land, mountainous.  
Soil, sandy.  
Timber, scattered pinon and juniper.  
Undergrowth, scant black brush.

Beginning at the cor. of secs. 25, 30, 31, and 36 on the E. bdy. of the Tp.

Thence:

N. 89° 58' W., bet. secs. 25 and 36.

Over mountainous land, through scattered juniper and pinon and scant undergrowth.

Across sandy bottom land of Halls Creek.

- 2.50 Small wash, drains SW.
- 13.50 Wash, 7 lks. wide, drains N. 70° W.
- 22.00 Wash, 3 lks. wide, drains N. 10° W.
- 25.00 N. edge of sandstone outcropping.
- 29.00 Hall Creek Wash, 50 lks. wide, drains S. 10° E.
- 29.05 Hall Creek Road, meandering along wash in a southerly direction.
- 39.99 At the ¼ sec. cor. of secs. 25 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and mkd.

¼ S25  
S36  
1955

Raise a mound of stone, 5 ft. base, 3½ ft. high, N. of cor.

## Subdivision, T. 34 S., R. 8 E.

50720

## Chains

- 40.60 Wash, 15 lks. wide, drains S. 15° E.; continue over broken bottom land.
- 46.80 Spur, projects N. 10° E.
- 65.40 Head of draw, drains N. 80° E.; asc. 200 ft. over gradual E. slope of Water Pocket Fold.
- 79.98 The cor. of secs. 25, 26, 35, and 36.

Land, mountainous.  
Soil, sandy.  
Timber, scattered juniper and pinon.  
Undergrowth, rabbit brush, mountain rush and black brush.

Beginning at the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp. mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 35 S., R. 8 E.

N. 0° 02' W., bet. secs. 33 and 34.

Over mountainous land covered with medium dense juniper and scant undergrowth; asc. 100 ft. over rocky SW. slope.

- 3.90 Spur, projects S. 15° W., continue over broken ground.
- 6.90 Draw, drains S. 30° W.; asc. 350 ft. over S. slope.
- 29.10 Spur, projects W.; desc. 120 ft. over broken terrain.
- 40.00 Point for the ¼ sec. cor. of secs. 33 and 34, falls on W. slope, 3.00 chs. W. of high sheer ledge, which faces W.

Set an iron post 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

¼

S33|S34

1955

Desc. over general W. slope of mesa.

- 50.50 Draw drains W., continue desc. across several spurs and draws.
- 69.30 Spur, slopes W.; asc. along broken W. slope.
- 77.00 Spur, slopes S. 30° W., continue ascent over steep SW. slope.
- 80.00 Point for the cor. of secs. 27, 28, 33 and 34, falls on steep SW. slope, 2.00 chs. S. of sheer ledge.

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

T34SR8E

S28|S27

S33|S34

1955

Land, mountainous.  
Soil, sandy.  
Timber, scattered juniper and pinon.  
Undergrowth, rabbit brush, mountain rush and black brush.

## Subdivision, T. 34 S., R. 8 E.

Chains	
	N. 0° 02' W., bet. secs. 27 and 28.
	Over mountainous land, covered with juniper and scant undergrowth.
	Asc. 150 ft. over steep SW. slope.
2.00	Top of pinnacle, 75 ft. above ledge, which faces SW.; descending over broken sandstone outcroppings.
15.00	Draw, drains N. 45° E.; continue over broken terrain.
35.00	Ravine, drains N. 60° E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28, falls on face of ledge, and is inaccessible. Therefore at a point 1.05 chs. W.
	Cement a brass tablet, $3\frac{1}{2}$ ins. diam., with a 3 in. stem in a hole drilled into solid rock, and mkd.
	$\frac{1}{4}$ S28   S27 W C → 1955
42.00	N. crest of mesa, bears NE. and SW., desc. 330 ft. over a series of ledges on steep N. slope.
74.00	Wash, in bottom of canyon, 20 lks. wide, 2 ft. deep, course N. 75° E., continue over rolling land.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. This cor. is situated on S. slope of small spur.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	T34SR8E S21   S22 S27   S28 1955
	Land, broken, with high sandstone pinnacles. Soil, rocky. Timber, sparse juniper and pinon. Undergrowth, horsebrush, black brush, sagebrush and shadscale.
	N. 0° 02' W. bet. secs. 21 and 22.
	Over mountainous land with sparse juniper and sparse undergrowth.
	Asc. 400 ft. over rocky S. slope.
16.70	Ridge on mesa, bears NW. and SE.; desc. 225 ft. along broken E. slope of mesa top.
34.20	Bottom of sheer ledge faces S., 100 ft. high.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22, falls on face of ledge and is inaccessible.
49.68	Point selected for the witness cor. of secs. 21 and 22 is situated 2.00 chs. N. of sheer ledge, on E. slope of mesa.

Subdivision, T. 34 S., R. 8 E.

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
 S21 | S22  
 ↓  
 W C  
 1955

52.00 Bottom of Muley Twist Canyon, drains SE.; asc. NW. slope.

67.60 Spur, projects SW. to Muley Twist Canyon; desc. 110 ft. over N. slope.

75.00 Draw, drains N.  $30^\circ$  W.; continue over broken terrain.

80.00 Point for the sec. cor. of secs. 15, 16, 21 and 22, situated on W. slope of small spur.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34SR8E  
 S16 | S15  
 S21 | S22  
 1955

Land, deep canyons and high sheer ledges.

Soil, rocky.

Timber, medium dense juniper and pinon.

Undergrowth, blackbrush, bitter brush, and service berry.

N.  $0^\circ 02'$  W., bet. secs. 15 and 16.

Over mountainous land with sparse juniper and pinon and scant undergrowth.

3.00 Sheer ledge faces SW., desc. 1000 ft. over broken N. slope.

30.00 Burr Trail road in bottom of canyon, bears N.  $75^\circ$  E. and S.  $75^\circ$  W., asc. 600 ft. over broken S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
 S15 | S16  
 1955

Asc. 150 ft. over steep SW. slope.

45.00 Top of ascent and canyon rim bears NW. and SE., desc. 800 ft. over broken NE. slope.

65.00 Spur, slopes SE.; continue over broken land.

80.00 Point for the cor. of secs. 15, 16, 21 and 22; situated on the NE. slope of a small spur.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

## Subdivision, T. 34 S., R. 8 E.

Chains

T34SR8E  
 S 9 | S10  
 S16 | S15  
 1955

Land, deep canyons and sheer ledges.  
 Soil, rocky.  
 Timber, medium dense juniper and pinon.  
 Undergrowth, blackbrush and sage brush.

N. 10° 02' W., bet. secs. 9 and 10.

Over mountainous land, through sparse juniper and scant undergrowth.

- 8.00 Draw, drains NE. to Hall Creek.  
 25.00 Low spur, projects SE. to Hall Creek Wash.  
 33.00 Hall Creek Wash, drains S. 20° E. from N. 20° W.; continue over nearly level ground.  
 40.00 At the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
 S 9 | S10  
 1955

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

Asc. 120 ft. along a rocky SW. slope.

- 52.00 Oyster Shell Reef, bears N. 20° W. and S. 20° E., desc. 80 ft. along NE. slope.  
 70.00 Bladed road, to Fruita, Utah, bears N. 20° W. and S. 20° E.  
 80.00 At the cor. of secs. 3, 4, 9, and 10, which falls on SW. slope of a small spur, projecting SW.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34SR8E  
 S 4 | S 3  
 S 9 | S10  
 1955

Land, broken.  
 Soil, sandy and rocky.  
 Timber, sparse juniper.  
 Undergrowth, bitter brush and shadscale.

Beginning at the cor. of secs. 3, 4, 9 and 10.

Thence:

N. 0° 06' E., bet. secs. 3 and 4.

## Subdivision, T. 34 S., R. 8 E.

## Chains

Over broken land, with sparse juniper and scant undergrowth.

1.00 Small wash, drains S. 15° E.

6.30 Spur, bears SE.

24.30 Small wash, drains S. 30° E.

36.10 Wash, drains S. 30° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
S 3 | S 4  
1955

End of timber.

43.20 Spur, bears SE.

57.40 Small wash, course S. 30° E.

60.00 Spur, slopes S. 30° E.

68.40 Small wash, drains S. 30° E.

73.50 Wash, 50 lks. wide, 12 ft. deep, drains S. 30° E.

80.03 The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the Tp. marked by an iron post, conforming to the record of the survey of T. 33 S., R. 8 E.

Land, broken and eroded.

Soil, sandy and clay.

Timber, sparse juniper and pinon.

Undergrowth, shadscale and bitter brush.

Beginning at the cor. of secs. 1, 6, 7, and 12 on the E. bdy. of the Tp.

Thence:

West, bet. secs. 1 and 12.

Over mountainous land, through medium dense juniper and pinon, and undergrowth.

Over rolling mesa top of Swap Mesa.

33.80 Wash, 20 lks. wide, 2 ft. deep, drains S. 10° W.

40.03 At the  $\frac{1}{4}$  cor of secs. 1 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 1 in. in the ground to solid rock, and in a large mound of stone, with brass cap mkd.

$\frac{1}{4}$  —  $\frac{S 1}{S 12}$   
1955

Continue over rolling mesa top.

## Subdivision, T. 34 S., R. 8 E.

## Chains

63.10 E. edge of canyon; desc. 160 ft. over broken SW. slope.

80.06 At the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a large mound of stone, with brass cap mkd.

T34SR8E  
S 2 | S 1  
S11 | S12  
1955

Land, rolling mountainous.

Soil, sandy and rocky.

Timber, medium dense juniper and pinon.

Undergrowth, sage brush, black brush and scant grass.

West, bet. secs. 2 and 11.

Over mountainous land, through scattered timber and scant undergrowth.

3.00 E. edge of Swap Canyon, 300 ft. deep.

9.00 Wash, in bottom of Swap Canyon, drains N. 45° W.; asc. 240 ft.

19.00 W. edge of canyon; asc. gradually over broken mesa top.

31.60 Reenter Swap Canyon; desc. 280 ft. over broken NW. slope.

40.03 At the ¼ sec. cor. of secs. 2 and 11, falls on E. edge of wash in bottom of Swap Canyon.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground and in a large mound of stone, with brass cap mkd.

¼ S 2  
S11

48.00 Wash, in bottom of canyon, drains S. 45° W. from N. 45° E., asc. 400 ft. over a broken SE. slope.

65.00 Spur, in Swap Canyon, projects S.; desc. 320 ft. over a broken SW. slope.

69.00 Wash, drains S. 20° E.; asc. 320 ft. over a broken NE. slope to W. rim of Swap Canyon.

80.06 At the cor. of secs. 2, 3, 10, and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 2 ins. in the ground to solid rock and in a large mound of stone, with brass cap mkd.

T34SR8E  
S 3 | S 2  
S10 | S11  
1955

Land, broken.

Soil, sandy and rocky.

Timber, scattered juniper and pinon.

Undergrowth, black brush and bitter brush.

## Subdivision, T. 34 S., R. 8 E.

Chains	West, bet. secs. 3 and 10.
	Over mountainous land, through scattered juniper and pinon, and scant undergrowth.
	Over Swap Mesa.
31.00	W. rim of mesa, bears N. 20° W. and S. 20° E., 25 chs. to S. edge and 65 chs. to N. edge; desc. abruptly 540 ft. over W. slope of Swap Mesa to bottom.
40.03	At the $\frac{1}{4}$ sec. cor. of secs. 3 and 10.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a large mound of stone, with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S } 3 \\ \hline \text{S } 10 \\ 1955 \end{array}$
	Over rolling clay hills in bottom land.
70.70	Wash, drains S. 20° E., 10 ft. deep, 5 lks. wide.
80.06	The cor. of secs. 3, 4, 9, and 10.
	Land, mountainous. Soil, sandy, clay and gravelly. Timber, scattered juniper and pinon. Undergrowth, black brush and sparse grass.
	N. 0° 05' E., bet. secs. 2 and 3.
	Over mountainous land, through medium dense juniper and pinon and scant undergrowth, over Swap Mesa; desc. gradually along broken E. edge of canyon, which drains into Swap Canyon.
20.00	Wash, drains S. 10° E. into Swap Canyon; asc. 80 ft. over broken SW. slope.
30.00	S. edge of draw, draining S. 10° E. into Swap Canyon; continue over broken mesa top.
40.00	At the $\frac{1}{4}$ sec. cor. of secs. 2 and 3, over a cross (X) cut in solid rock.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., and in a large mound of stone, with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \\ \hline \text{S } 3   \text{S } 2 \\ 1955 \end{array}$
	Over Swap Mesa.
49.00	Sandstone ledge, bears NE. and SW.
65.00	Spur, projects SW.; continue over level ground.
80.10	The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., mkd. by an iron post, $2\frac{1}{2}$ ins. diam., conforming to the record of the survey of T. 33 S., R. 8 E., concurrently surveyed.
	Land, mountainous. Soil, rocky.

Subdivision, T. 34 S., R. 8 E.

Chains

Timber, medium dense juniper and pinon.  
Undergrowth, black brush and sparse grass.

N. 0° 02' E., bet. secs. 1 and 2.

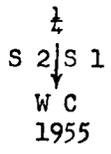
Over mountainous land, through medium dense juniper and pinon, and scant undergrowth, over Swap Mesa, asc. 120 ft.

5.00 Top of sandstone ledge, bears E. and W.; continue over broken mesa top.

14.60 Wash, 2 ft. wide, 1 ft. deep, drains W.

30.00 S. rim of Swap Canyon, bears NE. and SW.; desc. 280 ft. over broken NW. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2, falls on steep walls of sandstone; therefore, at a point 84 lks. N., 0° 02' E.,  
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 3 ins. in the ground to solid rock, and in a large mound of stone, with brass cap mkd.



42.00 Wash, in bottom of Swap Canyon, drains S. 30° W.; asc. 160 ft. over steep SE. slope of Swap Canyon.

49.00 N. rim of canyon, bears S. 30° W. and N. 30° E.; continue over broken mesa top, through medium dense juniper and pinon.

80.00 The cor. of secs. 1, 2, 35, and 36, mkd. by an iron post, 2 $\frac{1}{2}$  ins. diam., conforming to the record of the survey of T. 33 S., R. 8 E., concurrently surveyed.

Land, mountainous.  
Soil, rocky.  
Timber, medium dense juniper and pinon.  
Undergrowth, shadscale, black brush and mountain rush.

Beginning at the cor. of secs. 4, 5, 32, and 33 on the S. bdy. of the Tp.

Thence:

N. 0° 03' W., bet. secs. 32 and 33.

Over mountainous land, through medium dense timber and undergrowth.

5.70 Wash, 15 lks. wide, drains S. 70° E.; asc. 90 ft. over SW. slope.

12.00 Spur, projects E.; desc. NE. slope.

18.30 Wash, in bottom of canyon, drains E.; asc. 160 ft.

23.00 S. edge of canyon; continue over broken land.

31.30 Wash, 10 lks. wide, drains S. 25° W.

Subdivision, T. 34 S., R. 8 E.

Chains

40.00

At the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
S32|S33  
1955

From which,

A juniper, 8 ins. diam., bears N.  $68^{\circ} 15'$  W., 79 lks. dist., mkd.  $\frac{1}{4}$ S32BT.

A scrub juniper, bears S.  $45^{\circ} 45'$  E., 15 lks. dist., mkd.  $\frac{1}{4}$ S33BT.

Asc. 150 ft. over gradual SE. slope.

46.00

Spur, projects E., enter dense timber, descending along broken land.

72.00

Rim of cliff, 40 ft. high; desc. 220 ft. over NE. slope.

80.00

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

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

T34SR8E  
S29|S28  
S32|S33  
1955

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

Land, mountainous.

Soil, sandy clay.

Timber, medium dense juniper and pinon.

Undergrowth, medium dense mountain rush, silver leaf and bitter brush.

Beginning at the cor. of secs. 27, 28, 33 and 34.

Thence:

N.  $89^{\circ} 56'$  W., bet. secs. 28 and 33.

Over mountainous land, through medium dense juniper and pinon, and scant undergrowth; desc. 440 ft. over broken SW. slope.

26.00

Wash, drains NW.; asc. 160 ft. over broken NE. slope.

34.00

E. edge of spur, projects N.

39.00

W. edge of spur.

40.05

At the  $\frac{1}{4}$  sec. cor. of secs. 28 and 33, which falls on the NW. slope of spur.

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

$\frac{1}{4}$  S28  
S33  
1955

Subdivision, T. 34 S., R. 8 E.

Chains

- 45.60 Dirt road, bears N. 20° E. and S. 20° W.
- 47.00 Small wash, drains N. 30° E.
- 53.20 Small wash, drains N. 30° E.; asc. 280 ft. over a gradual NE. slope, covered with medium dense juniper and pinon.
- 80.10 The cor. of secs. 28, 29, 32, and 33.

Land, mountainous.  
 Soil, shale and gravelly.  
 Timber, medium dense juniper and pinon.  
 Undergrowth, mountain rush, silver leaf and bitter brush.

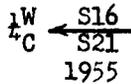
Beginning at the cor. of secs. 15, 16, 21, and 22.

Thence: N. 89° 59' W. bet. secs. 16 and 21.

Over mountainous land, through scattered juniper and pinon, and scant undergrowth; desc. 80 ft. into Muley Twist Canyon.

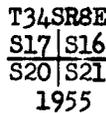
- 20.00 Wash, in bottom of Muley Twist Canyon, drains S. 30° W.; Asc. 320 ft. over NE. talus slope.

- 36.15 Cement a brass tablet, 3½ ins. diam., with a 3 in. stem, in a hole drilled into solid sandstone bedrock as a witness ¼ sec. cor. of secs. 16 and 21, with top mkd.



- 40.00 True point for <sup>¼</sup>/<sub>¼</sub> cor., inaccessible.
- 45.00 W. edge of mesa; desc. abruptly 200 ft. over steep W. slope.
- 66.00 Small wash, drains NE.; continue over rolling bottom land.
- 80.00 At the sec. cor. of secs. 16, 17, 20 and 21, over a cross (X) cut into solid rock,

Set an iron post, 30 ins. long, 2½ ins. diam., and in a large mound of stone, with brass cap mkd.



Land, mountainous.  
 Soil, rocky.  
 Timber, scattered juniper and pinon.  
 Undergrowth, black brush and sparse grass.

N. 0° 03' W., bet. secs. 16 and 17.

Over mountainous land, through scattered juniper and pinon, and scant undergrowth. Over rolling bottom land.

- 29.80 Road, bears N. 40° W. and S. 40° E.

- 34.00 Wash, drains S. 20° E. from S. 70° W.

Chains

35.45

Recross road, bears N. 70° E, and S. 60° W.

36.45

Road, bears N. 70° W. and S. 70° E.

40.00

At the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground and in a large mound of stone, with brass cap mkd.

$\frac{1}{4}$   
S17|S16  
1955

Continue over nearly level bottom land.

65.20

Wash, 10 lks. wide, 2 ft. deep, drains N. 70° W., asc. 50 ft. over S. slope of Peek-a-Boo Rock.

80.00

At the sec. cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, and in a large mound of stone, with brass cap mkd.

T34SR8E  
S 8|S 9  
S17|S16  
1955

Land, rolling and mountainous.

Soil, sandy and rocky.

Timber, scattered juniper and pinon.

Undergrowth, sagebrush, black brush and sparse grass.

Beginning at the cor. of secs. 9, 10, 15 and 16.

Thence:

N. 89° 59' W., bet. secs. 9 and 16.

Over mountainous land, through scattered juniper and pinon, and scant undergrowth; desc. 40 ft. over E. slope.

19.00

Wash, drains N. 60° E.; asc. 240 ft. over steep E. sandstone slope.

25.00

Crest of mesa, bears NW. and SE.; desc. 40 ft. over steep sandstone slope.

40.00

At the true point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16, falls on steep walls of sandstone, and is inaccessible.

Desc. 640 ft. over steep NE. slope of solid sandstone of Water Pocket Fold.

49.68

Point for witness  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 in. stem in a hole drilled in solid sandstone, with top mkd.

$\frac{1}{4}$   $\frac{S 9}{S16}$  → W  
1955 C

62.00

Bottom of sandstone mesa; continue over broken gravelly hills; with scattered timber.

Subdivision, T. 34 S., R. 8 E.

Chains

70.00 Muley Twist Canyon, drains meandering SE. course, asc. rolling S. slope.

80.00 The cor. of secs. 9, 10, 15, and 16.

Land, mountainous.  
Soil, rocky and gravelly.  
Timber, scattered juniper and pinon.  
Undergrowth, scant sagebrush.

Beginning at the cor. of secs. 31 and 32 on the S. bdy. of the Tp.

Thence:

N. 0° 03' W., bet. secs. 31 and 32.

Over mountainous land, through medium dense timber and undergrowth; asc. 350 ft. over Wagon Box Mesa.

21.00 Rim (top) of Wagon Box Mesa, bears NE. and SW.; continue over mesa top, through medium dense timber.

40.00 At the 1/4 sec. cor. of secs. 31 and 32.

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

1/4  
S31|S32  
1955

From which,

A pinon, 8 ins. diam., bears S. 11° 45' E., 77 lks. dist., mkd. 1/4S32BT.

A pinon, 6 ins. diam., bears N. 37° 30' W., 72 lks. dist., mkd. 1/4S31BT.

48.50 N. rim of Wagon Box Mesa; desc. 290 ft. over broken NE. slope of mesa.

63.00 W. edge of large spur, projects N. 40° E.; desc. 370 ft. over a broken NW. slope.

80.00 At the cor. of secs. 29, 30, 31, and 32, which falls 48 lks. S. of wash; over a cross (X) cut into solid rock,

Set an iron post, 30 ins. long, 2 1/2 ins. diam., and in a large mound of stone, with brass cap mkd.

T34SR8E  
S30|S29  
S31|S32  
1955

Land, mountainous.  
Soil, sandy and gravelly.  
Timber, medium dense juniper and pinon.  
Undergrowth, mountain rush, silver leaf, bitter brush and sparse grass.

## Chains

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

Thence:

S. 89° 57' W., bet. secs. 29 and 32.

Over mountainous land, through medium dense juniper and pinon, and scant undergrowth; asc. 20 ft.

10.00 Wash, drains N.; asc. 160 ft. over E. slope.

17.00 Spur, projects NE., desc. 120 ft. over NW. slope.

30.00 Wash, drains N. 20° E., asc. 320 ft. over broken E. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \frac{S29}{S32} \\ 1955 \end{array}$$

49.00 Spur, projects N.

55.10 Wash, 13 lks. wide, drains N. 30° W.

65.50 Spur, projects N.; desc. 175 ft. over broken NW. slope.

74.30 Draw, drains N.

79.84 At the cor. of secs. 29, 30, 31 and 32.

Land, mountainous.

Soil, sandy.

Timber, medium dense juniper and pinon.

Undergrowth, mountain rush, bitter brush, silver leaf and sparse grass.

#### General Description

Township 34 South, Range 8 East, is located in the dry desert region approximately 90 miles southeast of Escalante, Utah. It is a rough mountainous country cut by deep canyons, draining generally in a southwesterly direction. The soil is mostly sand on top of sandstone stratus. The Water Pocket Fold centers through the township bearing generally northwest. The lower SE. portions of the township include Wagon Box Mesa. Some low grade uranium ores have been found by prospectors, and bladed roads made by prospectors have helped accessibility throughout the township. The grazing is poor, however, a few small dams have been built to water stock.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Principal Assistant
LeRoy N. McCulley	Principal Assistant
Norman D. Christensen	Chainman
Joseph E. Hanson	Chainman
Vergean Porter	Flagman
Sherman B. Boyce	Flagman
Boyd S. Owens	Cornerman
Larry J. Porter	Cornerman
William D. Bowes	Axeman
Guy Pollock	Axeman
Eugene Gardiner	Axeman
Bobby L. Porter	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I We, Fred R. Chappell and Robert K. Burgess, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of March, 1956, we have surveyed the south and east boundaries and portions of the subdivision of Township 34 South, Range 8 East.

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 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 3, 1956

Fred R. Chappell
Cartographic Survey Aid
Robert K. Burgess
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., JUN 11 1956, 19

The foregoing field notes of the survey of the south and east boundaries and portions of the subdivision of Township 34 South, Range 8 East, of the Salt Lake Meridian, Utah.

executed by Fred R. Chappell and Robert K. Burgess, having been critically examined and found correct, are hereby approved.

James O. Cement
Chief, Division of Cadastral Engineering
Acting Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

Chief, Division of Cadastral Engineering

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the Survey of the

South and East Boundaries

and a

Portion of the Subdivision

of

Township 34 South, Range 9 East

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

Robert K. Burgess, Cartographic Survey Aid

Under special instructions dated March 2, 1954, which provided  
for the surveys included under Group No. 388-Utah, approved April 6, 1954  
and assignment instructions dated March 30, 1955

Survey commenced July 12, 1955

Survey completed August 12, 1955

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5	4	3	3	2	1

18-56770-1

Lines ruled in red surveyed by Fred R. Chappell.

Lines ruled in blue surveyed by Robert K. Burgess.

2437

## Township 34 South, Range 9 East

## Chains

The north and west boundaries of Township 34 South, Range 9 East, of the Salt Lake Meridian, Utah, were surveyed concurrently under this Group and are described in the field notes of the survey of Township 33 South, Range 9 East, and Township 34 South, Range 8 East, respectively. The following field notes are those of a survey of the south boundary, the east boundary, and that part of the subdivisional lines considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate the development of the natural resources, in Township 34 South, Range 9 East. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit number 26066 and W. and L. E. Gurley solar transit number 461263, both being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey station "Mesa" is as follows: Latitude  $37^{\circ} 48' 03''$  North, and Longitude  $110^{\circ} 51' 26''$  West. The mean magnetic declination was found to be  $15^{\circ} 15'$  East.

The direction of the lines of the survey were determined by references to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

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 South Boundary of Township 34 South, Range 9 East
 

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Beginning at the cor. of Ts. 34 and 35 S., Rs. 9 and 10 E., mkd. by an iron post  $2\frac{1}{2}$  ins. diam., conforming to the record of the survey of T. 35 S., R. 9 E.

Thence:

S.  $89^{\circ} 58'$  W. bet. secs. 1 and 36.

Over rolling clay land, no timber, sparse grass and shadscale.

## Chains

39.00 Wash, 7 lks. wide, 5 ft. deep, drains S.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36.

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

$$\frac{1}{4} \frac{S36}{S1}$$

1955

Deposit broken glass at the base of the post.

62.40 Wash, 7 lks. wide, drains S.  $10^\circ$  W., 4 chs. into large wash draining SE.

66.00 Wash, 10 lks. wide, drains S. 4 chs. into same large wash.

80.00 Point for the cor. of secs. 1, 2, 35 and 36.

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

$$\begin{array}{r} T34SR9E \\ S35 | S36 \\ S 2 | S 1 \\ T35S \\ 1955 \end{array}$$

Deposit broken glass at the base of the post.

Land, rolling clay bench land.

Soil, clay.

No timber.

Undergrowth, very sparse gramma grass and shadscale.

S.  $89^\circ 58'$  W. bet. secs. 2 and 35.

Over rolling sandy clay bench land, no timber and scant undergrowth.

4.20 Wash 10 lks. wide drains S. 7 chs. into large wash draining SE.

22.30 Muley Creek, 35 lks. wide, drains SE.

27.20 Wash, 25 lks. wide, drains N. 50 lks. into large wash draining SE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 35.

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

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

1955

Deposit broken glass at the base of the post.

65.80 Along S. slope of spur projecting E., desc. 50 ft.

68.30 Wash, 30 lks. wide, drains SE.

75.00 Recross wash draining NE.

80.00 Point for the cor. of secs. 2, 3, 34, and 35.

S. Bdy., T. 34 S., R. 9 E.

## Chains

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

T34SR9E  
 $\frac{S34}{S3} | \frac{S35}{S2}$   
 T35S  
 1955

Deposit broken glass at the base of the post.

Land, rolling.

Soil, clay the first  $\frac{1}{2}$  mile, sandy clay in the balance.

No timber.

Undergrowth, grass, black brush and shadscale.

S.  $89^{\circ} 58'$  W. bet. secs. 3 and 34.

Over rolling land, scant undergrowth of grass and shadscale, desc. 40 ft.

24.70 Wash, 20 lks. wide, meanders SE., asc. 20 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 34.

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

$\frac{1}{4} \frac{S34}{S3}$   
 1955

Deposit broken glass at the base of the post.

43.50 Wash, 15 lks. wide, drains S.  $70^{\circ}$  E.

50.20 Recross wash, drains NE., asc. 160 ft.

80.00 Point for the cor. of secs. 3, 4, 33, and 34.

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

T34SR9E  
 $\frac{S33}{S4} | \frac{S34}{S3}$   
 T35S  
 1955

Deposit broken glass at the base of the post.

Land, rolling desert.

Soil, sandy to barren clay.

No timber.

Undergrowth, scant grass and shadscale.

S.  $89^{\circ} 58'$  W. bet. secs. 4 and 33.

Over broken mountain land, scant undergrowth, over a broken S. slope.

Chains

16.00 Wash, course SE., asc. 250 ft. to rim.

37.00 Same wash, drains N. 70° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33.

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

$\frac{1}{4}$  S33  
S 4  
1955

Deposit broken glass at the base of the post.

46.10 Rim of mesa, bears N. 10° E. and S. 70° W., asc. 80 ft. over a NE. slope.

80.00 Point for the cor. of secs. 4, 5, 32, and 33.

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

T34SR9E  
S32|S33  
S 5|S 4  
T35S  
1955

Deposit broken glass at the base of the post.

Land, broken mountain land.

Soil, clay, to sandy clay.

No timber.

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

S. 89° 58' W. bet. secs. 5 and 32.

Over rolling mesa top, scant undergrowth, no timber.

2.20 Wash, 5 lks. wide, drains N. 30° E.

10.30 Main wash, 10 lks. wide, drains N. 30° E.

18.80 W. rim of mesa, bears NW. and SE., desc. 130 ft. over a W. slope.

26.00 South slope of spur projecting SW.

35.10 Enter nearly level clay bench land.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$  S32  
S 5  
1955

Deposit broken glass at the base of the post.

Continue over clay bench land.

62.70 Wash, 5 lks. wide, 6 ft. deep, drains N. 15° W.

S. Bdy., T. 34 S., R. 9 E.

Chains

71.10 Wash, 10 lks. wide, 8 ft. deep, drains N.

75.50 Road, Notom to Bullfrog, bears N. 20° W. and S. 20° E. Enter scattered juniper and pinon., asc. 40 ft.

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Over a cross (X) cut in solid bedrock, set an iron post, 30 ins. long, 2½ ins. diam., in a mound of stone, 3½ ft. base, 2½ ft. high, with brass cap mkd.

T34SR9E  
S31|S32  
S 6|S 5  
T35S  
1955

Land, rolling desert land.  
Soil, clay and sandstone.  
Timber, scattered juniper and pinon in the last 5 chs.  
Undergrowth, shadscale.

S. 89° 58' W. bet. secs. 6 and 31.

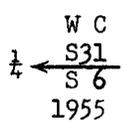
Over broken desert land, desc. 50 ft.

12.20 Wash, 7 lks. wide, drains N. 80° E., asc. 50 ft.

34.10 Ridge bears N. and S., desc. W. slope.

38.70 Over a cross (X) cut in solid sandstone, on the W. rim of plateau.

Set an iron post, 30 ins. long, 2½ ins. diam., in a mound of stone, 3½ ft. base, 2½ ft. high, with brass cap mkd.



Desc. a steep W. slope over ledges 330 ft.

40.00 Point for the ¼ sec. cor. of secs. 6 and 31 falls on inaccessible ledges.

79.41 The cor. of secs. 1, 6, 31 and 36, on the W. bdy. of the Tp.

Land, broken desert land.  
Soil, sandy, clay and sandstone.  
Timber, scattered juniper and pinon.  
Undergrowth, black brush, bitter brush, mountain rush and scant grass.

East Boundary, Township 34 South, Range 9 East

Beginning at the cor. of Ts. 34 and 35 S., Rs. 9 and 10 E., mkd. by an iron post, 2½ ins. diam., conforming to the record of the survey of T. 35 S., R. 9 E. of this group.

Thence:

Chains

N. 0° 12' W. bet. secs. 31 and 36.

Over broken desert land, no timber, scant undergrowth.

Asc. 120 ft. over a barren clay S. slope.

18.40 Clay spur projects S. 30° E., desc. 100 ft. over a NE. slope.

39.00 Wash, 2 ft. deep, 4 lks. wide, drains E.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

1/4  
S36 | S31  
1955

Deposit a sandstone rock 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Asc. 270 ft. over a S. slope.

61.90 Rim of cliffs, bears S 10° W. and N. 10° E. across small bench.

71.10 Rim bears E. and W., desc. a N. slope.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, and in a mound of stone, with brass cap mkd.

T34S  
R9E | R10E  
S25 | S30  
S36 | S31  
1955

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Land, rolling and broken desert land.  
Soil, sandy clay to barren clay.  
No timber.  
Undergrowth, shadscale, scant grass and weeds.

N. 0° 12' W. bet. secs. 25 and 30.

Over broken desert land, no timber, medium dense undergrowth.

.60 Draw, drains S. 70° E., asc. 140 ft.

1.50 Spur, projects E., desc. 120 ft.

13.00 Small draw, drains E., asc. 100 ft.

16.50 Spur, projects SE., desc. 80 ft.

22.70 Draw, drains SE., asc. 80 ft.

40.00 Point for the 1/4 sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

E. Bdy., T. 34 S., R. 9 E.

Chains

 $\frac{1}{4}$ 

S25|S30

1955

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

Asc. 40 ft.

50.60

Low spur, projects SE., desc. 90 ft. over NE. slope.

80.00

Point for the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34S

R9E|R10E

S24|S19

S25|S30

1955

Deposit a sandstone rock,  $3\frac{1}{2}$  x 3 x 2 ins. at the base of the post.

Land, broken and rolling desert land.

Soil, sandy clay to clay shale.

No timber.

Undergrowth, shadscale, bitter brush, mountain rush.

N.  $0^{\circ}$  12' W. bet. secs. 19 and 24.

Over rolling bench land.

6.50

Small, coal vein, 2 ft. deep, bears E. and W.

12.10

Wash, 5 ft. deep, 7 lks. wide, drains E.

14.50

Enter barren clay.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

 $\frac{1}{4}$ 

S24|S19

1955

Deposit charcoal at the base of the post.

70.20

Wash, 5 ft. deep, 6 lks. wide, drains E.

80.00

Point for the cor. of secs. 13, 18, 19 and 24.

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

T34S

R9E|R10E

S13|S18

S24|S19

1955

## Chains

Deposit a sandstone rock, 6 x 5 x 1 ins. mkd. with a cross (X) at the base of the post.

Land, rolling desert land.  
Soil, sandy clay the first 15 chs, clay the balance.  
No timber.  
Undergrowth, scant grass, shadscale and weeds.

N. 0° 12' W. bet. secs. 13 and 18.

Over broken desert land, over a series of barren blue clay spurs, and washes, putting to the E., asc. 130 ft.

14.00 Spur, projects S. 75° E., asc. 70 ft.

19.00 Spur, projects S. 80° E., asc. 20 ft.

22.90 Spur, projects S. 80° E.

27.90 Spur, projects S. 80° E., desc. 90 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
S13|S18  
1955

55.70 Gravel topped spur, projects E., desc. 110 ft.

59.60 Wash, 12 lks. wide, drains E., desc. 120 ft.

64.00 Wash, 20 lks. wide, drains S. 60° E., asc. 100 ft.

77.50 Leave clay, enter gravel bench.

80.00 Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T34S  
R9E|R10E  
S12|S 7  
S13|S18  
1955

Deposit charcoal at the base of the post.

Land, barren broken desert land.  
Soil, clay to sandy clay.  
No timber.  
Undergrowth, scant shadscale and weeds.

N. 0° 12' W. bet. secs. 7 and 12.

Over broken desert land and scant undergrowth., asc. 30 ft.

24.00 N. edge of gravel bench, bears E. and W.

Chains	
31.50	Spur, projects S. 50° E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ S12   S 7 1955
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of the post.
	Desc. 80 ft. over a N. slope.
55.50	Road, in bottom of Bullfrog Creek, drains S. 25° E.
58.20	Recross Bullfrog Creek, drains SW.
71.10	Recross Bullfrog Creek, drains SE.
78.90	Recross Bullfrog Creek, drains SW.
80.00	Point for the cor. of secs. 1, 6, 7, and 12.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, to solid rock, and in a mound of stone to cap, with brass cap mkd.
	T34S R9E   R10E S 1   S 6 S12   S 7 1955
	Deposit a sandstone rock 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.
	Land, barren broken desert land. Soil, clay and gravel. No timber. Undergrowth, shadscale, rabbit brush and scant grass.
	N. 0° 12' W. bet. secs. 1 and 6.
	Over broken desert land, in bottom of Bullfrog Canyon, widely scattered cottonwood trees, scant undergrowth.
1.30	Creek in bottom of Bullfrog Canyon, drains SE.
7.20	Recross creek, drains W.
13.40	Recross creek, drains S. 70° E.
25.40	Spur, projects W.
29.70	Recross creek, drains SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

Chains

$\frac{1}{4}$   
 S 1 | S 6  
 1955

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

- 49.90 Recross creek, drains SE.
- 53.99 Recross creek, drains SW., asc. 70 ft. over SE. slope.
- 65.80 Spur, projects S.  $80^\circ$  E.
- 67.39 The original cor. of Ts. 33 and 34 S., Rs. 9 and 10 E., mkd. by a 3 ins. iron post, conforming to the record.
- Land, broken desert land.  
 Soil, clay to sandy clay.  
 Timber, widely scattered cottonwoods.  
 Undergrowth, bitter brush, black brush, scant grass.

Portion of the Subdivision of Township 34 South, Range 9 East.

Beginning at the cor. of secs. 1, 2, 35, and 36, on the S. Bdy. of the Tp.

Thence:

N.  $0^\circ 13'$  W. bet. secs. 35 and 36.

Over barren desert land, asc. 40 ft. over a gentle S. slope.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
 S35 | S36  
 1955

Deposit charcoal at the base of the post.

Asc. 190 ft.

- 77.20 Narrow clay spur, projects W.  $2\frac{1}{2}$  chs. to sandstone covered clay peak., desc. 90 ft.

- 80.00 Point for the cor. of secs. 25, 26, 35 and 36.

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

T34SR9E  
 S26 | S25  
 S35 | S36  
 1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of the post.

## Subdivision, T. 34 S., R. 9 E.

Chains	
	<p>Land, gently rolling desert land. Soil, clay. No timber. Undergrowth, scant shadscale.</p>
	<p>Beginning at the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp.</p> <p>Thence:</p> <p>S. 89° 58' W. bet. secs. 25 and 36.</p> <p>Over broken desert land, asc. 240 ft. along bottom of draw draining E.</p>
40.03	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 25 and 36.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> $\frac{1}{4} \frac{S25}{S36}$ <p style="text-align: center;">1955</p> <p>Deposit a sandstone rock, 4 x 3 x 1<math>\frac{1}{2}</math> ins. mkd. with a cross (X) at the base of the post.</p>
56.60	Head of draw draining E., asc. 40 ft.
74.50	Rim of cliffs, bears N. and S. 20° E., desc. a steep W. slope 20 ft.
80.06	<p>The cor. of secs. 25, 26, 35 and 36.</p> <p>Land, broken desert land. Soil, clay to sandy clay. No timber. Undergrowth, shadscale and mountain rush.</p>
	<p>Beginning at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp.</p> <p>Thence:</p> <p>N. 0° 14' W. bet. secs. 33 and 34.</p> <p>Over broken desert land, no timber and scant undergrowth, asc. 230 ft. over a S. slope.</p>
10.00	E. end of high spur, projects E., desc. 310 ft. over a NE. slope.
34.60	Wash, 3 ft. deep, 8 lks. wide, drains E., desc. 40 ft.
37.20	Top of clay knoll.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> $\frac{1}{4} \frac{S33}{S34}$ <p style="text-align: center;">1955</p>

## Subdivision, T. 34 S., R. 9 E.

## Chains

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

41.20 Wash, 2 ft. deep, 10 lks. wide, drains E.

43.00 Small spur, projects E.

46.30 Wash, 3 ft. deep, 15 lks. wide, drains N. 80° E.

58.00 Along W. slope of knoll, 40 ft. from top.

69.40 Wash, 4 ft. deep, 10 lks. wide, drains S. 60° W.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

T34SR9E

S28|S27

S33|S34

1955

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of the post.

Land, broken desert land.

Soil, clay with sandstone outcroppings.

No timber.

Undergrowth, shadscale.

N. 0° 14' W., bet. secs. 27 and 28.

Asc. along E. slope of mesa.

10.00 Rim of mesa, bears SW. and E., thence along rolling W. and NW. slope of mesa.

34.50 Junction of washes from the E., and the NE., draining SW.

40.00 Point for the ¼ sec. cor. of secs. 27 and 28.

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

¼

S28|S27

1955

Deposit a sandstone rock, 3 x 3 x 1½ ins. mkd. with a cross (X) at the base of the post.

Asc. 40 ft.

44.30 Spur, projects S. 60° W., asc. 60 ft.

52.30 Ridge, bears E. and W., desc. 80 ft. to sec. cor.

65.40 Enter widely scattered juniper.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

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

## Subdivision, T. 34 S., R. 9 E.

## Chains

T34SR9E  
 S21|S22  
 S28|S27  
 1955

Raise a mound of stone, 3 ft. base, 2 ft. high; west of post.

Land, broken and rolling desert.

Soil, clay.

Timber, a few widely scattered juniper.

Undergrowth, shadscale, scant gramma grass.

N. 0° 14' W. bet. secs. 21 and 22.

Over rolling desert land sloping generally N. through widely scattered junipers.

5.40 Leave timber.

7.50 Wash, 2 ft. deep, 15 lks. wide, drains N. 10° E.

11.60 Blue clay spur, projects NE.

23.00 Draw, drains N. 70° E.

39.00 Wash, drains E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.

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

$\frac{1}{4}$   
 S21|S22  
 1955

Deposit a sandstone rock, 3 x 3 x 1 ins. at the base of the post.

Over a series of clay spurs and draws, asc. 40 ft.

41.40 Spur, projects E., asc. 30 ft.

60.20 Narrow spur, projects E., desc. 70 ft.

70.00 Draw, drains S. 10° E.

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

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

T34SR9E  
 S16|S15  
 S21|S22  
 1955

Deposit a shale rock 3 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.

Land, rolling.

Soil, clay.

Timber, one small group of juniper near  $\frac{1}{4}$  sec. cor.

Undergrowth, shadscale and grease wood.

## Subdivision, T. 34 S., R. 9 E.

amf:00

## Chains

N. 0° 14' W. bet. secs. 15 and 16.

Over broken desert land, sloping generally E., scant undergrowth.

Asc. 75 ft.

6.70 Spur, projects S. 30° E., desc. 30 ft.

16.00 Draw, drains S. 15° E., asc. 230 ft.

38.70 Blue clay spur, projects S. 30° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
$$\frac{1}{4}$$

S16	S15
1955	

Deposit a shale rock, 3 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.

Desc. 200 ft.

63.00 Draw, drains E., asc. 60 ft.

66.70 Spur, projects S. 60° E., desc. 70 ft.

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

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

T34SR9E	
S 9	S10
S16	S15
1955	

Deposit a shale rock 3 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.

Land, rolling and broken desert land.

Soil, clay.

No timber.

Undergrowth, scant shadscale and gramma grass.

N. 0° 14' W. bet. secs. 9 and 10.

Over broken desert land, barren clay spurs, and draws putting to the E., desc. 50 ft.

8.60 Wash,  $4\frac{1}{2}$  ft. deep, 15 lks. wide, drains N. 75° E., asc. 300 ft.

27.10 Clay spur, projects S. 10° E., desc. 50 ft. over a series of small clay spurs and draws.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

## Subdivision, T. 34 S., R. 9 E.

## Chains

$\frac{1}{4}$   
 S 9 | S 10  
 1955

Deposit a sandstone rock 4 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.

42.10 Spur, projects E., desc. 180 ft.

60.00 Draw, drains N. 45° E.

70.80 Spur, projects N. 40° E., desc. 50 ft.

79.00 Draw, drains E.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, with brass cap mkd.

T34SR9E  
 S 4 | S 3  
 S 9 | S 10  
 1955

Deposit a sandstone rock 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Land, broken desert land, steep clay spurs sloping generally to the E.

Soil, clay.

No timber.

Undergrowth, scant shadscale.

N. 0° 09' W. bet. secs. 3 and 4.

Over rolling desert land, scant undergrowth, asc. 70 ft.

2.30 Spur, projects N. 70° E., desc. 70 ft.

11.80 Wash, 8 ft. deep, 20 lks. wide, drains S. 60° E., asc. along a W. slope.

18.30 Spur, projects W.

24.00 Draw, drains S. 30° W.

27.70 Spur, projects W.

37.50 Wash, 2 ft. deep, 10 lks. wide, drains W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
 S 4 | S 3  
 1955

Deposit a sandstone rock 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

## Chains

Asc. 80 ft.

55.60

Spur, projects W.

63.00

Draw, drains S. 70° W.

67.57

The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.

Land, rolling.

Soil, clay.

No timber.

Undergrowth, shadscale.

Beginning at the cor. of secs. 1, 6, 7, and 12 on the E. bdy. of the Tp.

Thence:

West, bet. secs. 1 and 12.

Over rolling desert land.

3.00

Road, bears N. and S.

7.60

Wash, drains S., asc. 100 ft.

15.30

Narrow spur, projects S., desc. 40 ft.

25.00

Wash, 2 ft. deep, 10 lks. wide, drains S., asc. 40 ft.

27.90

Spur, projects N. 30° E., asc. 70 ft.

40.02

Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 12.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.
$$\frac{\frac{1}{4} \text{ S } 1}{\text{S } 12}$$
 1955

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Asc. 160 ft.

54.10

Narrow clay spur, projects S., continue over a series of clay spurs and washes.

80.04

Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground, and in a mound of stone, with brass cap mkd.
$$\text{T34SR9E}$$

$$\frac{\text{S } 2 \text{ S } 1}{\text{S } 11 \text{ S } 12}$$
 1955

Deposit a sandstone rock, 3 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.

Land, rolling desert land.

Soil, clay.

No timber.

Undergrowth, shadscale.

## Subdivision, T. 34 S., R. 9 E.

## Chains

West, bet. secs. 2 and 11.

Over a series of rolling clay hills and washes.

1.00 Wash, 20 ft. deep, 10 lks. wide, drains S.

7.20 Spur, projects S.

16.00 Wash, 4 ft. deep, 20 lks. wide, drains S.

29.30 Spur, projects N.

40.02 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

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

$$\frac{\frac{1}{4} \text{ S } 2}{\text{S11}}$$

1955

Deposit a sandstone rock 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Asc. 230 ft.

52.70 Spur, projects N., desc. 170 ft.

68.00 Draw, drains N. 30° E., asc. 260 ft.

78.60 East rim of mesa, bears SE. and NW.

80.04 Point for the cor. of secs. 2, 3, 10 and 11.

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

$$\begin{array}{c} \text{T34SR9E} \\ \text{S } 3 \text{ | S } 2 \\ \hline \text{S10 | S11} \end{array}$$

1955

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Rolling desert land.

Soil, clay.

Timber, medium dense juniper and pinon.

West, bet. secs. 3 and 10.

Over mountainous desert land, medium dense juniper and pinon.

5.50 W. rim of mesa, bears N. 20° W. and S. 20° E., desc. 640 ft.

14.50 Base of steep descent, continue over SW. slope.

40.02 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 10

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground, and in a mound of stone, with brass cap mkd.

$$\frac{\frac{1}{4} \text{ S } 3}{\text{S10}}$$

1955

## Chains

41.00 Small drain, drains S.

52.80 Spur, projects S.

71.00 Wash, 6 ft. deep, 20 lks. wide, drains S.

75.00 Muley Creek, dry, drains S.

80.04 The cor. of secs. 3, 4, 9 and 10.

Land, broken, mountainous desert land.

Soil, rocky clay.

Timber, medium dense juniper and pinon.

Undergrowth, shadscale, gramma grass and bunch grass.

Beginning at the cor. of secs. 1, 2, 11, and 12.

Thence:

N. 0° 10' W. bet. secs. 1 and 2.

Over rolling desert land, asc. 90 ft. over a barren S. slope.

22.40 Spur, projects E., asc. 50 ft.

30.60 Top of blue clay knoll, asc. 170 ft.

37.50 Clay ridge, bears S. 30° E. and N. 30° W., desc. 30 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd. $\frac{1}{4}$ 

S 2 | S 1

1955

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

Desc. 140 ft. over a series of clay spurs and washes putting to the E.

67.47 The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp.

Land, rolling desert land.

Soil, clay.

No timber.

Undergrowth, scant shadscale and weeds.

Beginning at the cor. of secs. 2, 3, 10 and 11.

Thence:

N. 0° 10' W. bet secs. 2 and 3.

7.70 Rim of mesa, bears N. 70° E. and S. 70° W. over a series of spurs and washes putting generally to the E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.

## Subdivision, T. 34 S., R. 9 E.

Chains	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.</p> <p style="text-align: center;">¼ S 3   S 2 1955</p> <p>Deposit a sandstone rock, 2 x 2 x 1 ins. mkd. with a cross (X) at the base of the post.</p>
44.80	High clay spur, projects E., desc. a NE. slope.
59.00	Draw, drains SE., asc. a SW. slope.
67.55	<p>True point for the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp., from which its witness cor. bears E. 80 lks. dist., as described in the field notes of T. 33 S., R. 9 E., concurrently surveyed under this same group.</p> <p>Land, rolling desert land. Soil, clay. Timber, juniper in the first ½ mile, no timber in the balance. Undergrowth, gramma grass and shadscale.</p>
	<p>Beginning at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp.</p> <p>Thence:</p> <p>N. 0° 15' W. bet. secs. 32 and 33, over broken desert land.</p>
2.40	Wash, 20 lks. wide, drains E., asc. 90 ft. over a S. slope.
12.80	Ridge, bears E. and W., desc. 30 ft.
18.50	Draw, drains E.
35.03	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">¼ S32   S33 W C 1955</p> <p>Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.</p>
35.20	S. rim of canyon, 150 ft. deep, 10 chs. wide, bears S. 80° W. and N. 80° E.
40.00	True point for the ¼ sec. cor. of secs. 32 and 33, falls in bottom of inaccessible canyon, draining NE.
45.00	N. rim of canyon, bears E. and W.
60.80	Spur, projects NW.
66.10	Draw, drains E.
77.90	Wash, 3 ft. deep, 15 lks. wide, drains NE. from NW.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.

Subdivision, T. 34 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, with brass cap mkd.

T34SR9E  
S29 | S28  
S32 | S33  
1955

Deposit a sandstone rock, 3 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.

Land, broken desert land.  
Soil, rocky clay.  
Timber, medium dense juniper.  
Undergrowth, shadscale, black brush, bitter brush and mountain rush.

Beginning at the cor. of secs. 27, 28, 33 and 34.

Thence:

N. 89° 56' W. bet. secs. 28 and 33.

Over broken desert land, asc. 120 ft. over an E. slope.

2.10 E. rim of mesa, bears N. and S.

9.50 W. rim of mesa, bears N. 20° W. and S. 20° E.

22.00 Wash, 4½ ft. deep, 20 lks. wide, drains S., asc. 210 ft. over an E. slope.

31.60 Rim of mesa bears NW and SE.

40.02 Point for the ¼ sec. cor. of secs. 28 and 33.

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

¼ S28  
S33  
1955

Deposit a sandstone rock, 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

41.40 Spur, projects SE., desc. 160 ft. over a SW. slope.

60.00 Draw, drains S. 70° E., asc. 170 ft. over a NE. slope.

76.10 Wash, course NE.

80.04 The cor. of secs. 28, 29, 32 and 33.

Land, broken desert land.  
Soil, rocky clay.  
No timber.  
Undergrowth, shadscale.

## Subdivision, T. 34 S., R. 9 E.

## Chains

Beginning at the cor. of secs. 15, 16, 21 and 22.

Thence:

S. 89° 58' W., bet. secs. 16 and 21, over a series of clay spurs.

1.50 Spur, projects S., asc. 230 ft. over a SE. slope.

38.20 Narrow clay spur, projects S.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \frac{S16}{S21} \\ 1955 \end{array}$$

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Asc. 840 ft. over a series of blue clay spurs, projecting SE.

68.00 E. rim of mesa, bears N. and S.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} T34SR9E \\ \frac{S17|S16}{S20|S21} \\ 1955 \end{array}$$

Deposit a shale rock, 3 x 2 x 1 ins. mkd. with a cross (X) at the base of the post.

Land, broken desert land.

Soil, rocky clay.

No timber the first 70 chs., dense juniper the balance.

Undergrowth, bunch grass and mountain rush.

N. 0° 15' W. bet. secs. 16 and 17

Over broken desert land, through dense juniper.

10.70 Ledge, 5 ft. high, faces N., desc. 400 ft. over a NW. slope.

34.00 Draw, drains W., asc. 200 ft. over a SW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17, falls on inaccessible ledges.

43.66 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S17|S16 \\ \downarrow \\ W C \\ 1955 \end{array}$$

Subdivision, T. 34 S., R. 9 E.

<p>Chains</p> <p>54.50</p> <p>66.40</p> <p>79.88</p>	<p>Deposit a sandstone rock, 3 x 3 x 1½ ins. mkd. with a cross (X) at the base of the post.</p> <p>Asc. 70 ft. along SW. slope.</p> <p>Spur, slopes NW., desc. 110 ft.</p> <p>Draw, drains N. 70° W.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T34SR9E</p> <p>S 8↑S 9</p> <p>S17 S16</p> <p>W C</p> <p>1955</p> </div> <p>Deposit a sandstone rock, 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.</p> <p>80.00 True point for the cor. of secs. 8, 9, 16 and 17, falls in wash where it cannot be perpetuated.</p> <p>Land, broken desert and mountainous land. Soil, rocky clay. Timber, medium dense juniper and pinon. Undergrowth, bunch grass and mountain rush.</p>
<p>40.05</p> <p>61.00</p> <p>80.10</p>	<p>Beginning at the cor. of secs. 9, 10, 15 and 16.</p> <p>Thence:</p> <p>S. 89° 58' W. bet. secs. 9 and 16.</p> <p>Over broken desert land, asc. 180 ft. over a series of blue clay spurs and washes putting to the NE.</p> <p>Point for the ¼ sec. cor. of secs. 9 and 16.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>¼ S 9</p> <p>    S16</p> <p>    1955</p> </div> <p>Deposit a sandstone rock, 3 x 3 x 1 ins. mkd. with a cross (X) at the base of the post.</p> <p>Asc. 740 ft.</p> <p>Top of mesa, bears N. and S., desc. 110 ft.</p> <p>True point for the cor. of secs. 8, 9, 16 and 17.</p> <p>Land, broken desert and mountainous land. Soil, clay in the first ½ mile, rocky clay in the balance. Timber, none in the first ½ mile, medium dense juniper and pinon in the balance.</p> <p>Beginning at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.</p>

Chains	Thence:
	N. 0° 15' W. bet. secs. 31 and 32.
	Over rolling desert land.
6.70	Draw, drains N. 70° E.
9.50	Enter medium dense juniper.
16.00	Road, bears S. 30° E. and N. 30° W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	$\frac{1}{4}$ S31 S32 1955
	Deposit a sandstone rock, 4 x 3 x 1 ins. at the base of the post.
44.00	Wash, 3 $\frac{1}{2}$ ft. deep, 20 lks. wide, drains N. 15° W.
48.00	Wash, 6 ft. deep, 10 ft. wide, drains N. 3° W.
72.50	Wash, 6 ft. deep, 18 lks. wide, drains W.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	T34SR9E S30 S29 S31 S32 1955
	Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.
	Land, rolling desert land. Soil, rocky the first $\frac{1}{2}$ , and clay the balance. Timber, medium dense juniper. Undergrowth, shadscale, black brush, bitter brush, and mountain rush.
Beginning at the cor. of secs. 28, 29, 32 and 33.	
	Thence:
	West, bet. secs. 29 and 32.
	Over broken desert land with very little vegetation, asc. a gradual E. slope.
3.50	Wash, 60 ft. deep, 20 lks. wide, drains SE., asc. 60 ft.
19.00	Enter widely scattered juniper.
21.00	Draw, drains N. 20° E.

## Chains

- 40.03 Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.  
Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- $$\begin{array}{r} \frac{1}{4} \text{ S29} \\ \hline \text{S32} \\ 1955 \end{array}$$
- Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.
- 59.80 Leave timber.
- 66.00 Draw, drains NE.
- 69.10 Rim, 100 ft. high, bears NW. and SE.
- 80.06 The cor. of secs. 29, 30, 31 and 32.  
Land, broken.  
Soil, rocky clay.  
Timber, scattered juniper.  
Undergrowth, scant bitter brush and mountain rush.
- 
- Beginning at the cor. of secs. 29, 30, 31 and 32.  
Thence:  
S. 89° 59" W. bet. secs. 30 and 31.  
Over rolling and broken desert land, desc. over a W. slope.
- 15.00 Road, bears N. and S., enter medium dense juniper.
- 20.50 Wash, course N. 30° W., asc. over NE. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 30 and 31.  
Set an iron post, 30 lks. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- $$\begin{array}{r} \frac{1}{4} \text{ S30} \\ \hline \text{S31} \\ 1955 \end{array}$$
- Deposit a sandstone rock 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.
- 53.00 Top of ledge overlooking Hall Creek, bears N. 20° W. and S. 20° E., desc. 240 ft. over a steep W. slope.
- 79.00 The cor. of secs. 25, 30, 31 and 36.  
Land, rolling in the first 50 chs., broken in the balance.  
Soil, rocky clay.  
Timber, scattered juniper and pinon.  
Undergrowth, scant bitter brush, mountain rush and grass.

## Township 34 South, Range 9 East

General Description

The land in this township consists mainly of blue clay badlands with isolated patches of sandstone benches, cut by numerous steep-sided canyons draining principally into Bullfrog Wash. A narrow strip along the west part drains into Hall Creek. The soil is mainly a deep blue clay, but on some is a shallow sandy clay. There is a very widely scattered growth of dwarf juniper. The undergrowth consists of shadscale, bitter brush, mountain rush, black brush, and gramma grass. The area is being badly over-grazed and the cover is very scanty. There are no habitations in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area.

BUREAU OF LAND MANAGEMENT

4-699  
(Feb., 1960)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Principal Assistant
Joseph E. Hanson	Principal Assistant
Norman D. Christensen	Chainman
Leroy N. McCulley	Chainman
Vergean Porter	Flagman
Bruce Wilson	Flagman
Boyd S. Owens	Cornerman
Larry J. Porter	Cornerman
William D. Bowes	Axeman
Guy Pollock	Axeman
Robert A. Pratt	Axeman
Bobby L. Porter	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

We, Fred R. Chappell and Robert K. Burgess, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of March, 1956,

We have surveyed the south and east boundaries and portions of the subdivisional lines of Township 34 South, Range 9 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by us and under our 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 15, 1956

Fred R. Chappell
Cartographic Survey Aid
Robert K. Burgess
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., JUN 11 1956, 19

The foregoing field notes of the survey of the south and east boundaries and portions of the subdivision of Township 34 South, Range 9 East, Salt Lake Meridian, Utah.

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

Douglas Clement
Chief, Division of Cadastral Engineering
Acting Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes.

Chief, Division of Cadastral Engineering.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the

Survey of the East and South Boundaries

and

Portions of the Subdivision

of

Township 34 South, Range 10 East

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

Under special instructions dated March 5, 1954, which provided  
for the surveys included under Group No. 389, approved April 6, 1954  
and assignment instructions dated May 25, 1955

Survey commenced August 11, 1955

Survey completed September 6, 1955

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2436

## Township 34 South, Range 10 East

## Chains

The north boundary of Township 34 South, Range 10 East, was surveyed by Elliot Bird in 1929 and is described in the field notes of the survey of Township 33 South, Range 10 East. The west boundary is being surveyed concurrently and is described in the field notes of the survey of Township 34 South, Range 9 East. The following field notes are those of a survey of the south boundary, the east boundary, and that portion of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered State school land, and to facilitate the development of the natural resources, in Township 34 South, Range 10 East. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with W. and L. E. Gurley solar transit number 461263, being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instrument has a full vertical circle and improved type solar attachment. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachment was not used, no description of it will be included here. The instrument was in good adjustment, and prior to the beginning of the field work it was examined and all errors eliminated. It was maintained in good adjustment throughout the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey Station "Mesa", is as follows: Latitude  $37^{\circ} 48' 03''$  North, and Longitude  $110^{\circ} 44' 52''$  West. The mean magnetic declination was found to be  $15^{\circ} 15'$  East.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle at each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

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 Survey of the South Boundary, Township 34 South, Range 10 East
 

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Beginning at the cor. of Ts. 34 and 35 S., Rs. 10 and 11 E., mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record.

Thence:

West, bet. secs. 1 and 36; over broken desert land, through scant undergrowth.

Desc. 60 ft. over a W. slope.

## Chains

- 8.40 Wash, 5 lks. wide, drains S. 15° E.; asc. 70 ft. over an E. slope.
- 12.10 Spur, projects S. 10° E.; desc. 70 ft.
- 17.40 Junction of washes from N. and NW., drains S.
- 23.00 Hansen Creek, 20 lks. wide, drains S. 25° E.; asc. 80 ft. over an E. slope.
- 31.00 Spur, projects SE.; asc. 160 ft. over an E. slope.
- 39.90 Rim of bench, bears N. and S.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- |               |            |
|---------------|------------|
| $\frac{1}{4}$ | <u>S36</u> |
|               | S 1        |
|               | 1955       |
- Deposit a sandstone rock, 6x4x2 ins. mkd. with a cross (X) at the base of the post.
- Desc. 50 ft. over a gentle W. slope.
- 60.80 Spur, projects N. 80° W., desc. 85 ft. over a NW. slope.
- 78.20 Head of draw, drains S. 80° W.
- 80.00 Point for the cor. of secs. 1, 2, 35 and 36.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- |                         |
|-------------------------|
| T34S R10E               |
| <u>S35</u>   <u>S36</u> |
| S 2 S 1                 |
| T35S                    |
| 1955                    |
- Deposit a sandstone rock, 4x4x1 ins. mkd. with a cross (X) at the base of the post.
- Land, broken first half mile, nearly level desert bench land the balance.
- Soil, clay to sandy clay.
- No timber.
- Undergrowth, shadscale, yellow brush, black brush and medium dense grass.
- 
- West, bet. secs. 2 and 35.
- Over broken desert land; desc. along a NW. slope.
- 2.10 Wash, 10 lks. wide, drains NW.; desc. 65 ft.
- 8.80 Fork of Saleratus Wash, drains SW.
- 19.80 Head of gulch, drains S.; asc. 20 ft. along a SE. slope.
- 27.10 Spur, projects SW.; desc. 45 ft. along a SE. slope.

## S. Bdy., T. 34 S., R. 10 E.

Chains	
30.00	Wash, 10 lks. wide, drains S. 10° E.; asc. 80 ft. over a SE. slope.
38.20	Spur, projects S. 15° E.; desc. 55 ft.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	$\frac{1}{4} \frac{S35}{S 2}$ 1955
	Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.
41.50	Draw, drains S. 20° E.; asc. 40 ft.
44.00	Ledge, 15 ft. high, faces S. 20° E.
47.00	Rim of small bench, bears NE. and SW.; desc. 40 ft.
56.50	Top of cliff, 35 ft. high, faces west; desc. 85 ft. over a W. slope.
64.40	Fork of Saleratus Wash, drains W. from NE.
69.10	Leave wash, drains N. 80° W.
71.90	Recross wash, drains S. 15° W.; asc. 55 ft. over a sandstone slope.
75.30	Sandstone spur, projects S. 30° W.; desc. 20 ft.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, and in a mound of stone, with brass cap mkd.
	T34S R10E <u>S34   S35</u> S 3   S 2 T35S 1955
	Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.
	Land, broken desert land. Soil, sandy clay with sandstone outcroppings. No timber. Undergrowth, yellow brush, black brush, mountain rush and medium dense grass.
	West, bet. secs. 3 and 34.  Over broken desert land, through scant undergrowth.
2.10	Small wash, drains S. 25° W.
13.60	Rim of large draw, bears NE. and SW.; desc. 280 ft. over a broken NW. slope.
31.00	Saleratus Wash, drains S. 20° E. 2 chs., then W.; asc. 200 ft.
38.90	Flat topped spur, projects S.

S. Bdy., T. 34 S., R. 10 E.

Chains	
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 3 and 34.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \frac{S34}{S3}</math> <p>1955</p> </div> <p>Raise a mound of stone, <math>2\frac{1}{2}</math> ft. base, 2 ft. high, N. of the post.</p> <p>Desc. 160 ft. over a broken SW. slope.</p>
51.80	<p>Fork of Saleratus Wash, drains SE.; asc. 240 ft. over a broken E. slope.</p>
61.00	<p>Spur, projects S.; desc. 160 ft.</p>
65.50	<p>Gulch, drains S.; asc. 160 ft.</p>
71.00	<p>Spur, projects SW.; desc. 200 ft. over a broken W. slope.</p>
78.00	<p>Fork of Saleratus Wash, drains S.; asc. 120 ft. over a broken E. slope.</p>
80.00	<p>Point for the cor. of secs. 3, 4, 33 and 34.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{r} T34S R10E \\ S33   S34 \\ S4   S3 \\ T35S \\ 1955 \end{array}</math> </div> <p>Raise a mound of stone, <math>2\frac{1}{2}</math> ft. base, <math>2\frac{3}{4}</math> ft. high, W. of the post.</p> <p>Land, broken desert land.                      Soil, sandy clay, with sandstone outcroppings and sandstone boulders.                      No timber.                      Undergrowth, black brush, yellow brush, mountain rush and scant grass.</p>
	<p>West, bet. secs. 4 and 33.</p> <p>Over broken desert land, through scant undergrowth.</p> <p>Asc. 80 ft. over a broken E. slope.</p>
3.60	<p>Spur, projects S. <math>15^\circ</math> E.; desc. 200 ft. over a W. slope.</p>
16.00	<p>Junction of three gulches draining from the NE., the NW., and the SW., drains SE.; asc. 160 ft. over a broken NE. slope.</p>
32.00	<p>Flat topped spur, projects SE.; desc. 30 ft. over a W. slope.</p>
35.00	<p>Wash, 6 lks. wide, drains S.</p>
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 4 and 33.</p>

S. Bdy., T. 34 S., R. 10 E.

Chains

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

¼  $\frac{S33}{S 4}$   
1955

Raise a mound of stone, 2½ ft. base, 2½ ft. high, N. of the post.

Asc. 50 ft. over an E. slope.

57.50 Clay spur, projects S. 30° E. 2 chs. to knoll; desc. 30 ft. along a S. slope.

72.80 Spur, projects SW.; desc. 110 ft. over a NW. slope.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

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

T34S R10E  
S32|S33  
S 5|S 4  
T35S  
1955

Raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of the post.

Land, broken desert land.

Soil, sandy clay to clay with sandstone ledges and boulders.

No timber.

Undergrowth, scant gramma grass and shadscale.

West, bet. secs. 5 and 32.

Over broken desert land, through scant undergrowth, over a series of spurs and washes putting to the NW.

31.80 Top point of clay spur, projects W.; desc. 190 ft. over a W. slope.

40.00 Point for the ¼ sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

¼  $\frac{S32}{S 5}$   
1955

Raise a mound of stone, 3 ft. base, 3 ft. high, N. of the post.

40.80 Spur, projects S.; desc. 50 ft. over a W. slope.

42.40 Wash, drains SW.

44.60 Recross Wash, drains NW.

48.90 Recross wash, drains S.

53.50 Wash, 4 lks. wide, drains S.; asc. 240 ft. over a broken E. slope.

## S. Bdy., T. 34 S., R. 10 E.

Chains	
62.20	Point of spur, projects S.; desc. 200 ft. along a broken S. slope.
80.00	Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T34S R10E            S31   S32            S 6   S 5            T35S            1955         </div> Raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of the post.  Land, broken desert land. Soil, clay to sandy clay, with sandstone ledges and outcroppings. No timber. Undergrowth, scant shadscale, rabbit brush, grass and weeds.
	West, bet. secs. 6 and 31. Over rolling desert land, through scant undergrowth. Asc. 25 ft.
1.60	Clay spur, projects S.; desc. 75 ft.
10.00	Road, bears N. and S.; desc. 15 ft.
13.90	Bullfrog Creek, drains S.
38.40	Wash, 20 lks. wide, 6 ft. deep, drains SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 21 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <math>\frac{1}{4}</math> <math>\frac{S31}{S 6}</math>            1955         </div> Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of the post.  Over a series of clay spurs and washes.
41.20	Wash, 20 lks. wide, 5 ft. deep, drains S. $80^{\circ}$ E.
47.60	Wash, 10 lks. wide, 3 ft. deep, drains N. $70^{\circ}$ E.
55.00	Wash, 10 lks. wide, drains S. $80^{\circ}$ E.
57.00	Recross wash, drains N. $70^{\circ}$ E.
64.50	Wash, 10 lks. wide, drains S.
67.50	Clay spur, projects S. $20^{\circ}$ E. $2\frac{1}{2}$ chs. to end.
69.20	Wash, 10 lks. wide, drains S.
77.50	Spur, projects S.

## S. Bdy., T. 34 S., R. 10 E.

## Chains

79.50

The cor. of Ts. 34 and 35 S., Rs. 9 and 10 E.

Land, rolling desert land.

Soil, clay.

No timber.

Undergrowth, scant shadscale, grass and weeds.

Survey of the East Boundary, Township 34 South, Range 10 East

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Beginning at the cor. of Ts. 34 and 35 S., Rs. 10 and 11 E.

Thence:

North, bet. secs. 31 and 36.

Over broken desert land, through scant undergrowth.

Asc. 260 ft. over a SE. slope.

27.00

E. point of top of island mesa, desc. 25 ft. along a NW. slope.

35.70

W. point of island mesa, desc. 100 ft. over a NW. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S36} \mid \text{S31} \\ \hline 1955 \end{array}$$
Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

Desc. 80 ft. over a N. slope.

46.30

Draw, drains W.; asc. 120 ft. over broken S. slope.

53.00

Spur, projects SW.; desc. 80 ft. over NW. slope.

57.20

Draw, drains SW.; asc. 200 ft. along broken W. slope.

71.00

Spur, projects W.; desc. 200 ft. over broken N. slope.

76.40

Draw, drains W.; asc. 20 ft. over S. slope.

80.00

Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
$$\begin{array}{c} \text{T34S} \\ \text{R10E R11E} \\ \text{S25} \mid \text{S30} \\ \text{S36} \mid \text{S31} \\ \hline 1955 \end{array}$$
Deposit a sandstone rock,  $4 \times 4 \times 2$  ins., mkd. with a cross (X) at the base of the post.

Chains

Land, broken desert land.  
 Soil, sandy clay with sandstone ledges and boulders.  
 Timber, widely scattered dwarf junipers in the north portion of the section.  
 Undergrowth, scant shadscale, grass and weeds.

North, bet. secs. 25 and 30.

Over broken desert land, through widely scattered juniper and scant undergrowth.

Asc. 50 ft. over a S. slope.

2.00 Spur, projects W.; desc. 120 ft. over a NW. slope.

6.50 Draw, drains S. 70° W.; asc. 120 ft. over a broken S. slope.

9.50 Spur, projects S. 70° W.; desc. 120 ft. over a broken NW. slope.

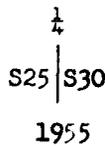
14.00 Draw, drains S. 70° W.; asc. 200 ft. over a broken S. slope.

28.50 Top of large spur, projects S. 70° W.; desc. 160 ft. over a broken NW. slope.

39.00 Draw, drains S. 20° W.

40.00 Point for the 1/4 sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.



Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of the post.

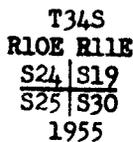
Asc. 120 ft. over a SE. slope.

49.80 Draw, drains S. 20° E. 8 chs. into draw draining S. 20° W.; asc. 55 ft.

55.00 Gravel spur, projects S.; asc. over a gentle S. slope.

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.



Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of the post.

Land, broken desert land.  
 Soil, sandy clay, with sandstone boulders and sandstone outcrops.  
 Timber, widely scattered juniper.  
 Undergrowth, shadscale and medium dense grass.

## E. Bdy., T. 34 S., R. 10 E.

## Chains

North, bet. secs. 19 and 24.

Over rolling clay badlands sloping gently to the S.

14.10 Wash, 4 lks. wide, drains S. 20° E.

26.30 Wash, 5 lks. wide, drains S. 20° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S24 | S19 \\ 1955 \end{array}$$

Deposit charcoal around the base of the post.

48.00 Draw, drains S. 20° E., continue over badlands sloping to the S.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

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

$$\begin{array}{c} T34S \\ R10E R11E \\ \frac{S13}{S24} | \frac{S18}{S19} \\ 1955 \end{array}$$

Deposit broken glass at the base of the post.

Land, rolling desert land.

Soil, clay and gravel.

No timber.

Undergrowth, shadscale and weeds.

North, bet. secs. 13 and 18.

Over rolling and broken desert land, through scant undergrowth, along a W. slope.

12.80 Draw, drains SW.

18.70 Draw, drains S. 10° W.; asc. 125 ft. over a S. slope.

22.10 Spur, projects S. 35° W.; desc. 235 ft. over a steep N. slope.

34.60 Wash, 7 lks. wide, drains W. from NE.; asc. 65 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, and in a collar of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S13 | S18 \\ 1955 \end{array}$$

## Chains

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

Continue along W. slope.

53.00 Draw, drains W.

65.40 Draw, drains W.

70.00 Draw, drains S. 15° W.; asc. 125 ft. over a S. slope.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, with brass cap mkd.

T34S  
R10E R11E  
S12 | S 7  
S13 | S18  
1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert land.

Soil, clay and gravel.

Timber, widely scattered juniper.

Undergrowth, shadscale, yellow brush and scant grass.

North, bet. secs. 7 and 12.

Over rolling desert land sloping to the W.

12.70 Draw with seep of water in bottom, drains N. 80° W.

23.00 Road, bears E. and W.

35.50 Wash, 20 lks. wide, drains W.

40.00 Point for the ¼ sec. cor. of secs. 7 and 12.

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

¼  
S12 | S 7  
1955

From which,

A juniper, 6 ins. diam., bears S. 83° 30' E. 28 lks. dist. mkd. ¼ S 7 BT.

54.30 Wash, 15 lks. wide, drains W.

60.80 Wash, 15 lks. wide, drains SW. 1½ chs. to junction with wash to the S.; asc. 110 ft. over a S. slope.

70.00 Draw, drains S. 05° W.; asc. 140 ft. over a S. slope.

77.60 Hoskininni road bears W. from N. 70° E.

80.00 Point for the cor. of secs. 1, 6, 7 and 12.

E. Bdy., T. 34 S., R. 10 E.

Chains

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

T34S  
R10E R11E  
S 1 | S 6  
S12 | S 7  
1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, rolling foothills.  
Soil, rocky, sandy clay.  
Timber, scattered juniper and pinon.  
Undergrowth, sage brush and medium dense grass.

North, bet. secs. 1 and 6.

Over mountainous land, through medium dense Juniper and pinon, and undergrowth.

Desc. 55 ft.

6.50 Wash, 10 lks. wide, drains W.; asc. 185 ft. over a SW. slope.

30.00 Ridge, bears E. and W.; desc. 125 ft. over a N. slope.

36.60 Fennel Creek, stream of good water, 2 lks. wide, 6 ins. deep, drains W.; asc. a steep S. slope 85 ft.

40.00 Point for the ¼ sec. cor. of secs. 1 and 6.

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

1  
S 1 | S 6  
1955

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Asc. 140 ft. over a S. slope.

67.45 Intersect the S. bdy. of T. 33 S., R. 11 E. at a point 2.27 chs. E. of the original cor. of Ts. 33 and 34 S., Rs. 10 and 11 E., mkd. by an iron post conforming to the record. I remark this post to refer to T. 33 S. only.

At the point of intersection.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a collar of stone, with brass cap mkd.

T33S  
S31  
S 1 | S 6  
R10E | R11E  
T34S  
CC  
1955

From which,

## Chains

A juniper, 5 ins. diam., bears S. 61° 30' E. 85 lks. dist.,  
mkd. T34S, R11E, S6 BT.

A pinon, 14 ins. diam., bears S. 49° 15' W. 1.14 chs. dist.,  
mkd. T34S, R10E, S1 BT.

Land, mountainous.

Soil, stony, sandy loam.

Timber, medium dense juniper and pinon.

Undergrowth, sage brush and grass.

Portion of the Subdivision, Township 34 South, Range 10 East

Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of  
the Tp.

Thence:

N. 0° 01' W. bet. secs. 35 and 36.

Over rolling desert land, through scant undergrowth.

5.70 Wash, 20 lks. wide, drains S. 80° W.; asc. 150 ft. over a S. slope.

19.60 Top of slope, then along nearly level bench land.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the  
ground, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S35 | S36 \end{array}$$

1955

Deposit broken glass at the base of the post.

52.20 Wash, 15 lks. wide, drains S. 70° W.; desc. 80 ft.

61.50 Head of gulch, drains S. 80° W.; asc. 10 ft.

66.50 Spur, projects W., leave bench; desc. 170 ft. over a N. slope.

77.00 Wash, 5 lks. wide, drains W.

79.40 Wash, 25 lks. wide, drains S. 65° W.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

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

T34S R10E

$$\begin{array}{c} S26 | S25 \\ S35 | S36 \end{array}$$

1955

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, W. of post.

Land, rolling desert land.

Soil, sandy loam.

No timber.

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

## Subdivision, T. 34 S., R. 10 E.

## Chains

Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.

Thence:

S. 89° 59' W. bet. secs. 25 and 36.

Over broken and rolling desert land, through scant undergrowth.

Desc. 160 ft. over a W. slope.

- 6.50 Draw, drains W. for 2 chs., then S.; asc. 240 ft. over an E. talus slope.
- 20.40 N. point base of spur, projects N. and S.; desc. 100 ft. over a W. slope.
- 35.70 Small wash, drains S.; asc. 30 ft.
- 38.00 E. rim of small island mesa.
- 40.00 W. rim of small island mesa.
- 40.01 Point for the  $\frac{1}{2}$  sec. cor. of secs. 25 and 36. Falls on solid sandstone at base of ledge W. edge of island mesa.
- Over a cross (X) cut in solid sandstone, set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., supported by a mound of stone, 4 $\frac{1}{2}$  ft. base to cap, with brass cap mkd.
- $\frac{1}{2}$   $\frac{S25}{S36}$   
1955
- Desc. 45 ft. over a W. slope.
- 42.90 Head of gulch, drains S.; asc. 100 ft. over an E. slope.
- 51.90 Abandoned coal mine, 50 lks. S. of line, tunnel bears west into hill side. Asc. 70 ft.
- 55.40 N. tip of bench; desc. 130 ft. along a NE. slope.
- 66.20 White sandstone ledge, 20 ft. high, faces W.; desc. 110 ft. over a W. slope.
- 80.02 The cor. of secs. 25, 26, 31 and 36.
- Land, broken and rolling desert land.  
Soil, sandy clay sandstone boulders and sandstone outcroppings.  
No timber.  
Undergrowth, black brush, shadscale and grass.

Beginning at the cor. of secs. 3, 4, 33 and 34.

Thence:

N. 0° 02' W. bet. secs. 33 and 34.

Over broken and rolling desert land, through scant undergrowth.

Asc. 70 ft. along a broken E. slope.

- 14.00 Point of spur, projects SE.; desc. 50 ft. over a NE. slope.

## Chains

22.60 Draw, 1 ch. wide, 20 ft. deep, drains SE.; asc. 30 ft.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{2}$   
 S33 | S34  
 1955

Deposit a sandstone rock,  $6x4x1$  ins., mkd. with a cross (X) at the base of the post.

Continue over a series of barren clay spurs and washes.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

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

T34S R10E  
 S28 | S27  
 S33 | S34

1955

Deposit a sandstone rock,  $4x4x2$  ins., mkd. with a cross (X) at the base of the post.

Land, broken the first half mile, rolling the balance.  
 Soil, sandy clay to clay, with sandstone boulders and ledges.  
 No timber.  
 Undergrowth, shadscale and yellow brush.

N.  $0^{\circ} 02'$  W. bet. secs. 27 and 28.

Over barren blue clay badlands.

Asc. 125 ft. over a SE. slope.

5.20 Spur, projects S.  $35^{\circ}$  W.; asc. 120 ft. along a SW. slope over a series of small blue clay spurs and washes.

24.90 Spur, projects S.  $80^{\circ}$  W.; desc. 210 ft. along a NW. slope.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 28 and 27.

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

$\frac{1}{2}$   
 S28 | S29  
 1955

Deposit broken glass at the base of the post.

Continue over gently rolling clay badlands.

42.50 Wash, 10 lks. wide, drains SW.

Subdivision, T. 34 S., R. 10 E.

Chains

59.40 Wash, 8 lks. wide, drains S. 30° W.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

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

T34S R10E  
S21 | S22  
S28 | S27  
1955

Deposit broken glass at the base of the post.

Land, rolling clay badlands.

Soil, blue clay.

No timber.

Undergrowth, scant shadscale and weeds.

N. 0° 02' W. bet. secs. 21 and 22.

Over rolling blue clay badlands.

8.30 Wash, 4 lks. wide, drains S. 85° W.

15.00 Gravel topped spur, projects S. 20° W.

21.00 Wash, 2 lks. wide, drains S. 20° W.; asc. 210 ft. along a SE. slope.

40.00 Knife edged spur, projects S. 30° W.

Point for the ¼ sec. cor. of secs. 21 and 22.

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

¼  
S21 | S22  
1955

Deposit broken glass at the base of the post.

Desc. 380 ft. along a NW. slope.

69.00 Wash, 10 lks. wide, drains W.; asc. 60 ft.

73.00 Spur, projects W.; desc. 35 ft.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

T34S R10E  
S16 | S15  
S21 | S22  
1955

Deposit a sandstone rock, 4x4x1 ins., mkd. with a cross (X) at the base of the post.

Subdivision, T. 34 S., R. 10 E.

Chains

Land, rolling desert badlands.  
Soil, clay.  
No timber.  
Undergrowth, shadscale and weeds

N. 0° 02' W. bet. secs. 15 and 16.

Over rolling desert land.

Asc. 90 ft. over a S. slope.

18.00 Spur, projects S.; desc. 40 ft.

20.90 Pennell Creek, small stream of water drains S. 10° W.; asc. 35 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

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

$\frac{1}{4}$   
S16 | S15  
1955

Deposit broken glass at the base of the post.

Asc. 110 ft. over gently rolling clay badlands.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

T34S R10E  
S 9 | S10  
S16 | S15  
1955

Deposit broken glass at the base of the post.

Land, rolling desert badlands.  
Soil, clay.  
No timber.  
Undergrowth, shadscale and weeds.

East, bet. secs. 10 and 15.

Over rolling clay badlands, over a series of small clay spurs and washes putting to the S.

11.80 Junction of two washes, drains S. from NW. and NE.

Asc. 65 ft.

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

Subdivision, T. 34 S., R. 10 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \text{ S10} \\ \frac{1}{4} \text{ S15} \\ 1955 \end{array}$$

Deposit a sandstone rock, 4x4x1 ins., mkd. with a cross (X) at the base of the post.

Asc. 75 ft.

49.00 Clay spur, projects S. 20° W.; desc. 55 ft.

60.50 Pennell Creek, stream of good water, 2 lks. wide, 4 ins. deep, drains S. 20° W.; asc. 130 ft.

80.00 Point for the cor. of secs. 10, 11, 14 and 15.

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

$$\begin{array}{r} \text{T34S R10E} \\ \text{S10 | S11} \\ \text{S15 | S14} \\ 1955 \end{array}$$

Deposit broken glass at the base of the post.

Land, rolling desert land.

Soil, clay.

Timber, a few juniper and cottonwood along Pennell Creek.

Undergrowth, shadscale and weeds.

N. 0° 01' W. bet. secs. 10 and 11.

Over barren clay spurs and washes.

Asc. 40 ft. over a S. slope.

2.20 Spur, projects W.; asc. 56 ft.

19.60 Gravel topped spur, projects S. 70° W.; desc. 110 ft.

28.00 Junction of three small washes, drains W.; desc. 100 ft.

37.90 Pennell Creek, stream of good water, 10 ins. wide, 4 ins. deep, drains S. 30° W.

40.00 Point for the ¼ sec. cor. of secs. 10 and 11.

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

$$\begin{array}{r} \frac{1}{4} \\ \text{S10 | S11} \\ 1955 \end{array}$$

From which,

A juniper, 12 ins. diam., bears N. 82° 15' E. 63 lks. dist., mkd. ¼ S 11 BT.

Subdivision, T. 41 S., R. 10 E.

2.5.12

Continue over a series of small clay spurs and washes.

Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2 in. diam., 22 ins. in the ground, with brass cap and.

THIS LINE  
3 3 3 2  
1935

Small stream glass at the base of the post.

Land, rolling - forested hills.

Timber, a few scattered Juniper close to Fennell Creek.   
Sycamores, ash-trees, oaks, with willows along Fennell Creek.

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

Set an iron post, 30 ins. long, 2 in. diam., 22 ins. in the ground, with brass cap and.

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3 3 3 2

1935

Small stream glass at the base of the post.

Iron stake, Juniper and glass, sec. 213 ft. over a SW. slope.

Set an iron post, 30 ins. long, 2 in. diam., 22 ins. in the ground, with brass cap and. at a point 2.14 chs. from the original cor. of secs. 2, 3, 10 and 11, and by an iron post, as follows to the record. (Remarks - this post to refer to the original only)

At the point of intersection.

Set an iron post, 30 ins. long, 2 in. diam., 22 ins. in the ground, with brass cap and.

THIS LINE  
3 3 3 2  
1935

Subdivision, T. 34 S., R. 10 E.

Chains

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{3}{4}$  ft. high, W. of the post.

Land, broken desert mountain land.  
 Soil, clay to sandy clay, sandstone boulders and sandstone outcrops.  
 Timber, medium juniper in the last half mile.  
 Undergrowth, sage brush, bitter brush and grass.

Beginning at the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp.

Thence:

S.  $89^{\circ} 57'$  W., bet. secs. 1 and 12.

Over broken desert mountain land, through medium dense juniper and pinon, and medium dense undergrowth.

Desc. 140 ft. along a NW. slope.

23.50 Draw, drains S. for  $1\frac{1}{2}$  chs., then W.; asc. 50 ft.

29.60 Spur, projects SW.; desc. 35 ft.

35.30 Narrow spur, projects S.  $15^{\circ}$  W.; desc. 165 ft. along a NW. slope. Leave timber.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   $\frac{S 1}{S12}$   
1955

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

Asc. 20 ft.

50.20 Top of knoll, desc. 180 ft. over a W. slope.

61.10 Pennell Creek, stream of good water, 8 ins. wide, 3 ins. deep, drains S.; asc. 40 ft. along a S. slope.

80.00 Point for the cor. of secs. 1, 2, 11 and 12.

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

T34S R10E  
 $\frac{S 2 | S 1}{S11 | S12}$   
 1955

Deposit a sandstone rock,  $4x4x2$  ins., mkd. with a cross (X) at the base of the post.

Land, broken mountainous land.  
 Soil, sandy clay, to clay with sandstone boulders,  
 Timber, medium dense juniper and pinon in the first half mile.  
 Undergrowth, yellow brush, mountain rush, shadscale and grass.

Chain

S. 89° 57' W., bet. secs. 2 and 11.

Over foothills, through scattered undergrowth.

Desc. 330 ft. along a broken SW. slope.

40.00

Point for the  $\frac{1}{2}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

$\frac{1}{2}$  - S 2  
S 11  
1955

Deposit a sandstone rock, 4x4x4 ins. mkd. with a cross (X) at the base of the post.

Desc. 70 ft.

51.00

Enter clay spurs and washes, desc. 160 ft.

76.30

Wash, 20 lks. wide, drains S. 30° W.; desc. 55 ft.

79.00

Recross wash, drains N. 70° W.

80.00

The cor. of secs. 2, 3, 10 and 11.

Land, foothills.

Soil, sandy clay to clay.

No timber.

Undergrowth, shade-cale, bitter brush, grass and weeds.

Beginning at the cor. of secs. 1, 2, 11 and 12.

Thence:

N. 0° 01' W., bet. secs. 1 and 2.

Over Pennell Creek Roughs, through medium dense juniper and pines, and undergrowth.

Asc. 300 ft. over a S. slope.

23.60

Spur, projects NW.; desc. 225 ft. over a NE. slope.

27.30

Draw, drains NW.; asc. 200 ft. over a SW. slope.

40.00

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

Over a cross (X) cut in solid granite, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a mound of stone, 5 ft. base to cap, with brass cap mkd.

$\frac{1}{2}$   
S 2 | S 1  
1955

Asc. 80 ft. along a broken SW. slope.

42.30

Base of large granite outcrop, elev. 90 ft.

57.70

West edge of top of granite outcrop, asc. 100 ft.

Subdivision, T. 34 S., R. 10 E.

Chains

63.00 Draw, drains S. 10° W.

67.41 Intersect the S. bdy. of T. 33 S., R. 10 E. at a point 2.23 chs. E. of the original cor. of secs. 1, 2, 35 and 36, mkd. by an iron post conforming to the record. I remark this post to refer to T. 33 S. only.

At the point of intersection.

Set an iron post, 30 ins. long, 2½ ins. diam., 7 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

T33S R10E  
 S36  
 S 2 | S 1  
 C | C  
 T34S  
 1955

Deposit a granite rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, foothills.

Soil, sandy clay loam, granite outcrops and boulders.

Timber, medium dense juniper and pinon.

Undergrowth, yellow brush, rabbit brush, mountain rush and scant grass.

At a point 2.25 chs. E. of the original ¼ sec. cor. of secs. 1 and 36 on the N. bdy. of the Tp., and which is remarked for sec. 36 only,

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, at the ¼ sec. cor. on the N. bdy. of sec. 1 with brass cap mkd.

¼ ———  
 S 1  
 1955

Raise a mound of stone, 3 ft. base, 2½ ft. high, S. of the post.

At a point 2.185 chs. E. of the true point for the original ¼ sec. cor. of secs. 2 and 35, and 3.505 chs. E. of its witness cor., on the N. bdy. of the Tp., which is remarked for sec. 35 only,

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, at the ¼ sec. cor. on the N. bdy. of sec. 1, with brass cap mkd.

¼ ———  
 S 2  
 1955

Raise a mound of stone, 2½ ft. base, 2½ ft. high, S. of the post.

Subdivision, T. 34 S., R. 10 E.

Chains

Beginning at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp.

Thence:

N. 0° 03' W., bet. secs. 32 and 33.

Over rolling desert land, through scant undergrowth.

24.00

Gravel topped clay spur, projects W.; desc. 110 ft.

36.60

Junction of two washes, draining from the E. and from N. 80° E., drains SW.

40.00

Point for the 1/4 sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 3 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.



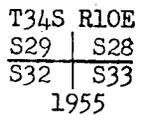
Deposit a sandstone rock, 4x3x2 ins. mkd. with a cross (X) at the base of the post.

Continue over gently rolling clay land.

80.00

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.



Deposit charcoal at the base of the post.

Land, rolling desert land.

Soil, clay and gravel.

No timber.

Undergrowth, shadscale, yellow brush and weeds.

Beginning at the cor. of secs. 27, 28, 33 and 34.

Thence:

West, bet. secs. 28 and 33.

Over rolling desert land, through scant undergrowth.

2.00

Point of large clay spur, projecting from the NE.

40.00

Gravel topped clay knoll.

40.02

Point for the 1/4 sec. cor. of secs. 28 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

## Subdivision, T. 34 S., R. 10 E.

Chains	
	$\frac{1}{4} \frac{S28}{S33}$ <p style="text-align: center;">1955</p> <p>Deposit a sandstone rock, 3x2x1 ins., mkd. with a cross (X) at the base of the post.</p>
54.70	Wash, 7 lks. wide, drains S.
80.04	The cor. of secs. 28, 29, 32 and 33.
	<p>Land, rolling desert land. Soil, clay and gravel. No timber. Undergrowth, scant shadscale, grass and weeds.</p>
	<p>Beginning at the cor. of secs. 15, 16, 21 and 22.</p> <p>Thence:</p> <p>West, bet. secs. 16 and 21.</p> <p>Over rolling clay badlands, through scant undergrowth.</p>
8.40	Pennell Creek, stream of good water, 10 ins. wide, 4 ins. deep, drains S. 20° W.; asc. 90 ft.
21.70	Clay spur, projects S.; desc. 125 ft.
36.00	Wash, 8 lks. wide, drains S. 15° W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 26 ins. in the ground, with brass cap mkd.</p> $\frac{1}{4} \frac{S16}{S21}$ <p style="text-align: center;">1955</p> <p>Deposit a slate rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.</p>
40.30	Clay spur, projects S.; desc. 75 ft. over a W. slope.
48.20	Junction of two washes, drains S. from the N. and NE.; asc. 150 ft. over an E. slope.
56.80	Clay spur, projects S.; desc. 110 ft.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with brass cap mkd.</p> $\begin{array}{r} T34S R10E \\ S17 S16 \\ S20 S21 \\ \hline 1955 \end{array}$ <p>Deposit a pint of pebbles around the base of the post.</p> <p>Land, rolling desert badlands. Soil, clay. No timber. Undergrowth, scant shadscale and weeds.</p>

Chains

N. 0° 03' W., bet. secs. 16 and 17.

Over rolling desert land, through scant undergrowth.

6.80

Wash, 6 lks. wide, drains SW.

16.00

Enter nearly level bench land.

40.00

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

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
S17 | S16  
1955

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, W. of the post.

60.00

Draw, drains SW.

71.60

Edge of bench, bears N. 20° E. and S. 20° W.; desc. 150 ft. over a N. 20° W. slope.

76.10

Wash, 10 lks. wide, drains S. 80° W.

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T34S R10E  
S 8 | S 9  
S17 | S16  
1955

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

Land, rolling desert land.

Soil, clay, sandy clay and gravel.

No timber.

Undergrowth, shadscale, mountain rush and yellow brush.

Beginning at the cor. of secs. 9, 10, 15 and 16.

Thence:

N. 89° 55' W. bet. secs. 9 and 16.

Over desert badlands, through scant undergrowth.

Asc. 95 ft. over a series of small clay spurs and washes putting to the S.

23.00

Clay spur, projects W.; desc. 100 ft. over small clay spurs and washes.

40.02

Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

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

## Subdivision, T. 34 S., R. 10 E.

Chains	
	$\frac{1}{4} \frac{S 9}{S 16}$ 1955
	Deposit a slate rock, 3x2x1 ins., mkd. with a cross (X) at the base of the post.
43.80	Clay spur, projects S., then over gently rolling land.
72.60	Draw, drains S. 30° W.
80.04	The cor. of secs. 8, 9, 16 and 17.
	Land, desert badlands. Soil, clay. No timber. Undergrowth, scant shadscale and weeds.
	Beginning at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.
	Thence:
	N. 0° 03' W. bet. secs. 31 and 32.
	Over broken desert land, through scant undergrowth.
	Asc. 320 ft. over a broken S. slope.
11.00	S. edge of small bench.
19.70	N. rim of bench, desc. 120 ft. over a N. slope.
24.50	Gulch, drains N. 80° W.; asc. 120 ft. over a S. slope.
27.50	S. edge of small bench.
38.50	N. edge of bench; desc. 40 ft.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	$\frac{1}{4}$ $S31   S32$ 1955
	Deposit a sandstone rock 4x3x2 ins., mkd. with a cross (X) at the base of the post.
	Desc. 260 ft. over a broken N. slope.
51.40	Bottom of canyon, drains S. 70° W.; asc. 240 ft. over a broken S. slope.
55.50	S. edge of bench, over nearly level bench land.
80.00	Point for the cor. of secs. 29, 30, 31 and 32 falls on solid sandstone.
	Cement a brass tablet, 3 $\frac{1}{2}$ ins. diam., with a 3 in. stem in a hole drilled in solid sandstone, and mkd.

Chains

T34S R10E  
 S30|S29  
 S31|S32  
 1955

Raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of the post.

Land, broken desert land.

Soil, sandy loam, with sandstone boulders and sandstone outcroppings.

No timber.

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

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

Thence:

N. 89° 58' W. bet. secs. 29 and 32.

Over rolling desert land, through scant undergrowth.

33.30 Draw, drains NW.

39.93 Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

¼ S29  
 S32  
 1955

Deposit charcoal at the base of the post.

46.00 Small draw in solid sandstone, drains N. 70° W.

55.30 Draw, drains S.; asc. 160 ft. over a broken E. slope.

60.50 Enter grassy bench, a few widely scattered juniper.

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

Land, rolling desert land.

Soil, sandy clay with sandstone boulders and sandstone outcroppings.

Timber, a few scattered juniper in the west half mile.

Undergrowth, medium yellow brush, shadscale, mountain rush and grass.

S. 89° 59' W., bet. secs. 30 and 31.

Over broken desert land, through scant undergrowth.

1.00 E. rim of Bullfrog Canyon, bears N. and S.; desc. 240 ft. over a ledgy W. slope.

10.00 Pennell Creek, dry, course SW. from NW.

11.00 Road bears N. and S.; desc. 40 ft.

21.00 Bottom of Bullfrog Canyon, drains S. 30° E.; asc. 320 ft. over a broken NE. slope.

## Subdivision, T. 34 S., R. 10 E.

## Chains

- 32.50 Gulch, drains S. 10° W.; asc. 280 ft. over a broken E. slope.
- 38.40 Enter bench land.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 30 and 31
- Over a cross (X) cut in solid sandstone, set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., in a mound of stone, 5 ft. base to cap, with brass cap mkd.
- $\frac{1}{4}$   $\frac{S30}{S31}$   
1955
- 55.00 Rim of bench, bears N. 15° W. and S. 15° E.; desc. 280 ft. over a broken SW. slope.
- 67.50 Draw, drains S.
- 77.50 Draw, drains S. 85° E.
- 79.76 The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp.
- Land, broken desert land.  
Soil, sandy clay, sandstone ledges and outcroppings.  
No timber.  
Undergrowth, shadscale, mountain rush, black brush and grass.

## General Description

The land in this township consists mainly of blue clay badlands with patches of sandy clay benches, cut by numerous steep-sided canyons, draining principally into Bullfrog Creek. A narrow strip in the southeast portion drains into Hansen Creek.

The soil is mainly a deep blue clay. There is a medium dense growth of juniper and pinon in the northeast portion of the township. The undergrowth consists of shadscale, black brush, yellow brush, sage brush, rabbit brush, mountain rush, grass and weeds.

The area is being over grazed and the cover is very scanty. There are no habitations in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area.

An unimproved road enters on the W. bdy. of sec. 6 and follows Bullfrog Creek south, leaving township on S. bdy. of sec. 31. "Hoskininni Road" enters on E. bdy. of sec. 12 and runs south over Cow Flat to dead end in sec. 26.

10-28520-1

DEPARTMENT OF CADASTRAL ENGINEER

4-000  
(Feb., 1929)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Joseph N. Hanson	Principal Assistant
LeRoy N. McCulley	Chainman
Parley Pratt	Flagman
Guy Pollock	Cornerman
Robert A. Pratt	Axeman
Robert N. Liston	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, UNITED STATES CADASTRAL ENGINEER, DO HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of March, 1956

I have surveyed the south and east boundaries and portions of the subdivision of Township 34 South, Range 10 East,

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

Salt Lake City, Utah
March 9, 1956

Fred R. Chappell
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 6 1956, 19

The foregoing field notes of the survey of the south and east boundaries and portions of the subdivision of Township 34 South, Range 10 East, Salt Lake Meridian, Utah

executed by Fred R. Chappell

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

Joseph Harrington
Chief, Division of Cadastral Engineering
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes.

Chief, Division of Cadastral Engineering

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the

Survey of the South and East Boundaries

and

Portions of the Subdivision

of

Township 34 South, Range 11 East

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

and

Robert K. Burgess, Cartographic Survey Aid

Under special instructions dated March 5, 1954, which provided  
for the surveys included under Group No. 389, approved April 6, 1954  
and assignment instructions dated May 25, 1955

Survey commenced September 28, 1955

Survey completed October 31, 1955

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16--56770-1

Mines ruled in red were surveyed by Fred R. Chappell.

Mines ruled in blue were surveyed by Robert K. Burgess.

## Township 34 South, Range 11 East

## Chains

The north boundary of Township 34 South, Range 11 East was surveyed by Elliot Bird in 1923 and is described in the field notes of the survey of Township 33 South, Range 11 East. The west boundary is being surveyed concurrently and is described in the field notes of the survey of Township 34 South, Range 10 East. The following field notes are those of the survey of the south boundary, the east boundary, and that portion of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate the development of the natural resources, in Township 34 South, Range 11 East. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit number 26066 and W. and L. E. Gurley solar transit number 461263, both being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey station "Mesa" is as follows: Latitude 37° 48' 03" North and Longitude 110° 38' 17.8" West. "Mesa" is located in section 9, Township 34 South, Range 7 East. The mean magnetic declination was found to be 15° 15' East.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes were graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases, the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

Survey of the South Boundary of Township 34 South, Range 11 East

Beginning at the cor. of Ts. 34 and 35 S., Rs. 11 and 12 E., a 2½ in. iron post mkd. and witnessed as described in the survey of the E. bdy. of T. 35 S., R. 11 E., this group,

Thence:

N. 89° 57' W. bet. secs. 1 and 36.

Chains	Over rolling desert land, through scattered juniper and pinon, and medium dense undergrowth.
	Asc. 15 ft. over a SE. slope.
2.40	Rim of bench bears NE. and SW.; desc. 110 ft. along a gentle NW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., to solid rock and in a mound of stone, with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S36} \\ \hline \text{S 1} \\ 1955 \end{array}$
	Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.
46.30	Wash, 15 lks. wide, drains S. 70° W., desc. 70 ft. over a NW. slope.
65.60	Wash, 25 lks. wide, drains SW.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	$\begin{array}{r} \text{T34S R11E} \\ \hline \text{S35   S36} \\ \hline \text{S 2   S 1} \\ \text{T35S} \\ 1955 \end{array}$
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of the post.
	<p>Land, rolling desert land.          Soil, sandy.          Timber, thickly scattered juniper and pinon.          Undergrowth, black brush, yellow brush, mountain rush and scant grass.</p>
N. 89° 57' W. bet. secs. 2 and 35.	
Over gently rolling desert land, draining to the SW., through scattered juniper and pinon, and scant undergrowth.	
1.50	Wash, 7 lks. wide, drains S. 20° W.; asc. 30 ft.
10.40	Spur, projects S.; desc. 50 ft. over a W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S35} \\ \hline \text{S 2} \\ 1955 \end{array}$

## S. Bdy., T. 34 S., R. 11 E.

## Chains

Deposit a sandstone rock, 5x3x3 ins., mkd. with a cross (X) at the base of the post.

58.70 Wash, 12 lks. wide, drains S. 70° W.

65.00 Wash, 10 lks. wide, drains S. 70° W.

80.00 Point for the cor. of secs. 2, 3, 34 and 35.

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

T34S R11E  
 S34 | S35  
 S 3 | S 2  
 T35S  
 1955

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, gently rolling desert land.

Soil, sand and sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, medium dense black brush, yellow brush, mountain rush and grass.

N. 89° 57' W. bet. secs. 3 and 34.

Over rolling clay badlands, no timber, scant undergrowth.

.90 Wash, 15 lks. wide, drains S.

36.00 Shitamaring Creek, course S., asc. 80 ft. to top of spur.

39.10 Spur, projects S.

40.00 Point for the ¼ sec. cor. of secs. 3 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

1 S34  
 4 S 3  
 1955

Deposit a sandstone rock, 3x3x1 ins. mkd. with a cross (X) at the base of the post.

46.60 Wash, 12 lks. wide, drains S.

56.50 Wash, 7 lks. wide, drains S. 15° E.; asc. 130 ft. over a SE. slope.

66.10 Spur, projects S. 4 chs., then SE.; desc. 55 ft.

68.00 Small draw, drains S.; asc. 120 ft. over an E. slope.

75.70 Point of large spur, projects S.

80.00 Point for the cor. of secs. 3, 4, 33 and 34.

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

Chains

T34S R11E  
 S33|S34  
 S 4|S 3  
 T35S  
 1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert clay badlands.

Soil, clay and sandy clay.

No timber.

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

N. 89° 57' W. bet. secs. 4 and 33, over rolling desert land, through scant undergrowth.

Desc. 70 ft. over a W. slope.

12.90 Wash, 20 lks. wide, drains S. 20° W.; asc. 200 ft. over an E. slope.

19.70 E. edge of bench.

27.30 Junction of two draws, drains S. 20° W., from the NE. and the NW.

33.00 W. edge of bench.

36.40 Point of spur, projects W.; desc. 110 ft. over a W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 4.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 15 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$  S33  
 S 4  
 1955

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the post.

Desc. 70 ft. over a W. slope.

45.20 Wash, 12 lks. wide, drains S. 10° W.; asc. 180 ft. over an E. slope.

54.30 Spur, projects S. 05° W.; desc. 200 ft. over a W. slope.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

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

T34S R11E  
 S32|S33  
 S 5|S 4  
 T35S  
 1955

Deposit broken glass at the base of the post.

Iron post is set on SW. slope of clay knoll.

Land, broken desert land.

Soil, sandy gravel and clay.

No timber.

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

S. Bdy., T. 34 S., R. 11 E.

Chains

N. 89° 57' W. bet. secs. 5 and 32.

Over rolling desert land, through scant undergrowth.

Desc. 90 ft. over a W. slope.

24.40 Wash, 5 lks. wide, drains S. 40° W.

38.00 Road, bears N. 10° W. and S. 10° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with brass cap mkd.

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

1955

Deposit broken glass at the base of the post.

45.70 Wash, 7 lks. wide, drains SW.

66.40 Wash, 20 lks. wide, drains S. 25° W.

71.00 Road, bears S. 25° W. and N. 25° E.

74.80 Wash, 10 lks. wide, drains S. 40° W.

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34S R11E

$\frac{S31}{S6} | \frac{S32}{S5}$

T35S

1955

Deposit broken glass at the base of the post.

Land, rolling desert land.

Soil, sandy, clay and gravel.

No timber.

Undergrowth, scant shadscale, yellow brush and grass.

N. 89° 57' W. bet. secs. 6 and 31.

Over rolling desert land, through scant undergrowth.

8.50 Wash, 17 lks. wide, drains S. 5° W.

10.20 Road, bears N. 20° E. and S. 20° W.

15.90 Wash, 25 lks. wide, drains S. 10° W.

39.80 Spur, projects S.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with brass cap mkd.

Chains

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

1955

Deposit broken glass at the base of the post.

45.40 Clay spur projects S. 15° W. to round clay knoll.

61.70 Wash, 2 lks. wide, 3 ft. deep, drains S.

79.58 The cor. of Ts. 34 and 35 S., Rs. 10 and 11 E., a 2½ in. iron post conforming to the record.

Land, rolling desert land.

Soil, sandy clay and gravel.

No timber.

Undergrowth, shadscale, yellow brush and medium dense grass.

Survey of the East Boundary of Township 34 South, Range 11 East

Beginning at the cor. of Ts. 34 and 35 S., Rs. 11 and 12 E.

Thence:

North, bet. secs. 31 and 36.

Over gently rolling desert land, through scattered juniper and pinon, and medium dense undergrowth.

1.40 Edge of bench, bears NE. and SW.; desc. a gentle N. slope.

19.30 Wash, 5 lks. wide, drains W.

28.40 Wash, 5 lks. wide, drains W.

40.00 Point for the ¼ sec. cor. of secs. 31 and 36.

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

$\frac{1}{4}$   
S36 | S31

1955

Deposit charcoal at the base of the post.

50.40 Leave bench, enter rolling land.

55.50 Desc. along small wash, draining to the N.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, with brass cap mkd.

T34S  
R11E | R12E  
S25 | S30  
S36 | S31  
1955

E. Bdy., T. 34 S., R. 11 E.

Chains

Deposit charcoal at the base of the post.

Land, gently rolling desert land.

Soil, sandy.

Timber, scattered juniper and pinon.

Undergrowth, black brush, bitter brush, yellow brush, mountain rush and grass.

North, bet. secs. 25 and 30.

Over rolling desert land, through scattered juniper and pinon, and medium dense undergrowth.

Desc. 70 ft. over a N. slope.

8.90 Wash, 25 lks. wide, drains E.; asc. 75 ft. over a S. slope.

12.30 Spur, projects E.; desc. 65 ft. over a N. slope.

16.60 Wash, 20 lks. wide, drains E.

20.20 Wash, 7 lks. wide, drains S. 75° E.; asc. 65 ft. over a N. slope.

24.40 Enter nearly level bench.

28.80 Road, bears S. 80° E. and N. 80° W. 1 chs. to landing strip.

30.70 Road, bears SE. and N. 70° W. to landing strip.

34.90 Leave bench, desc. a gentle N. slope.

36.90 New road, bears S. 70° E. and N. 70° W.

39.00 Wash, drains E.

42.00 Point for the S. sec. cor. of secs. 25 and 30.

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

S25 | S30

1955

Deposit a sandstone rock, 4x3x1 ins., mkd. with a cross (X) at the base of the post.

Continue over land draining to the SE.

56.40 Draw, drains E.

70.30 Wash, 10 lks. wide, drains SE.

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

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

T34S

R11E R12E

S24 | S19

S25 | S30

1955

Chains

Raise a mound of stone,  $2\frac{1}{2}$  ft. high, 2 ft. base, W. of the post.

Land, rolling desert land.

Soil, sandy and gravel.

Timber, scattered juniper and pinon.

Undergrowth, black brush, yellow brush, bitter brush, mountain rush, and scant grass.

North, bet. secs. 19 and 24.

Over rolling desert land, through widely scattered juniper and pinon, and medium dense undergrowth.

1.80 Wash, 20 lks. wide, drains S.  $50^\circ$  E.

5.60 E. fork of previous wash, drains S.  $80^\circ$  W. 1 ch. to junction with previous wash.

7.30 Recross wash, drains S.  $20^\circ$  E.

11.50 Wash, drains S.  $10^\circ$  E.

23.50 Wash, 12 lks. wide, drains W. 1 ch. to junction with previous wash.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 13 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
S24 | S19

1955

Deposit a sandstone rock, 4x3x1 ins., mkd. with a cross (X) at the base of the post.

Continue across rolling land.

79.50 Wash, 20 lks. wide, drains E.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 18 ins. in the ground, with brass cap mkd.

T34S  
R11E R12E  
S13 | S18  
S24 | S19  
1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. high,  $2\frac{1}{2}$  ft. base, W. of the post.

Land, rolling desert land.

Soil, sandy and gravel.

Timber, widely scattered juniper and pinon.

Undergrowth, medium dense black brush, yellow brush, bitter brush, mountain rush and grass.

E. Bdy., T. 34 S., R. 11 E.

**Chains**

North, bet. secs. 13 and 18.

Over rolling desert land, sloping to the SE.

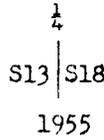
.90 Wash, 10 lks. wide, drains SE.; asc. 100 ft.

6.70 Spur, projects SE.; desc. 21 ft.

20.90 Wash, 20 lks. wide, drains S. 70° E.; asc. 50 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.



Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of the post.

Asc. 35 ft. over a SE. slope.

49.00 Old road, Star Springs to Hanksville, bears N. 80° E. and S. 80° W. Desc. 45 ft.

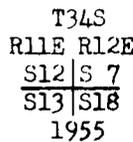
55.90 Draw, drains E.

70.80 Draw, drains S. 60° E.

75.00 Draw, drains S. 50° E.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

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



Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, W. of the post.

Land, rolling desert land.  
Soil, sandy and gravel.  
Timber, scattered juniper and pinon.  
Undergrowth, black brush, bitter brush, yellow brush, mountain rush, and grass.

North, bet. secs. 7 and 12.

Over rolling hills, draining to the SE., through medium dense juniper and pinon, medium dense undergrowth.

Asc. 25 ft. along a SE. slope.

19.70 Wash, 10 lks. wide, drains S. 70° E.; asc. 75 ft. along a SE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \hline S12 | S 7 \\ 1955 \end{array}$$

From which,

A 4 ins. juniper bears N.  $64^{\circ} 15'$  E. 58 lks. dist., mkd.  $\frac{1}{4}$ S7BT.

43.30 Gravel wash, 70 lks. wide, 2 ft. deep drains S.  $65^{\circ}$  E.

73.60 New road, Star Springs to Hanksville, bears N.  $50^{\circ}$  E. and S.  $50^{\circ}$  W.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

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

$$\begin{array}{c} T34S \\ R11E R12E \\ \hline S 1 | S 6 \\ S12 | S 7 \\ 1955 \end{array}$$

Deposit a sandstone rock,  $4 \times 2 \times 2$  ins., mkd. with a cross (X) at the base of the post.

Land, rolling hills sloping to the SE.

Soil, sandy, gravel.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, bitter brush, yellow brush, mountain rush and grass.

North, bet. secs. 1 and 6.

Over rolling hills, through medium dense juniper and pinon, medium dense undergrowth.

Asc. along a gentle SE. slope.

7.40 Wash, 7 lks. wide, drains S.  $10^{\circ}$  E.; asc. 131 ft. along a SE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \hline S 1 | S 6 \\ 1955 \end{array}$$

From which,

A juniper, 8 ins. diam., bears N.  $86^{\circ} 30'$  W. 39 lks. dist., mkd.  $\frac{1}{4}$ S1BT.

56.90 Wash, 17 lks. wide, drains SE.; asc. 50 ft.

E. Bdy., T. 34 S., R. 11 E.

## Chains

66.61

Intersect the S. bdy. of T. 33 S., R. 12 E. at a point 3.31 chs. E. of the original cor. of Ts. 33 and 34 S., Rs. 11 and 12 E., mkd. by an iron post conforming to the record. I remark this post to refer to T. 33 S. only.

At the point of intersection.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T33S
S31
S 1   S 6
C   C
R11E R12E
T34S
1955

Raise a mound of stone,  $3\frac{1}{2}$  ft. base, 3 ft. high, S. of the post.

Land, rolling hills.

Soil, sandy clay and rocky.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, sage brush, and scant grass.

Survey of the Subdivision of Township 34 South, Range 11 East

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Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp.

Thence:

N.  $0^{\circ} 01'$  W. bet. secs. 35 and 36.

Over rolling desert land, through widely scattered juniper and pinon, and scant undergrowth.

Asc. 85 ft. over a gentle S. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S35   S36
1955

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

63.10

Wash, 5 lks. wide, drains S.  $30^{\circ}$  E.; asc. 30 ft. over a gentle S. slope.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T34S R11E
S26   S25
S35   S36
1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

## Chains

Land, rolling desert land.  
Soil, sandy clay and clay.  
Timber, widely scattered juniper and pinon.  
Undergrowth, black brush, mountain rush and medium dense grass.

Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.

Thence:

West, bet. secs. 25 and 36.

Over rolling desert land, through scattered juniper and pinon, and a scant growth of underbrush.

Asc. a gentle E. slope.

- 5.30 Wash, 13 lks. wide, drains N. 30° E.  
17.60 Wash, 10 lks. wide, drains N.; desc. 35 ft. over a NW. slope.  
23.30 Wash, 20 lks. wide, drains NE.  
26.60 Road, bears N. and S. 20° E.; asc. 155 ft. over a rocky E. slope.  
40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. in diam., 20 ins. in the ground, with brass cap mkd.

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

1955

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of the post.

Asc. 100 ft. over a rocky E. slope.

- 42.80 Rim of small mesa, bears N. and S.  
45.40 Rim of mesa, bears NW. and SE.; desc. 60 ft. along a SW. slope.  
56.60 Spur, projects S. 15° E.; desc. 130 ft. along a SW. slope.  
70.00 Wash, 6 lks. wide, drains S.  
80.00 The cor. of secs. 25, 26, 35 and 36.

Land, rolling desert land.  
Soil, sandy the first half mile, rocky clay the balance.  
Timber, widely scattered juniper and pinon.  
Undergrowth, black brush, bitter brush, mountain rush and grass.

Beginning at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp.

Thence:

N. 0° 02' W. bet. secs. 33 and 34.

Over broken desert land, through scant undergrowth.

## Subdivision, T. 34 S., R. 11 E.

Chains	
	Asc. 40 ft. over a S. slope.
2.10	Clay spur, projects W.; desc. 70 ft. along a W. slope.
15.60	Wash, 20 lks. wide, 6 ft. deep, drains S. 15° W.
21.80	Recross wash at bend, drains S. 15° E. from N. 15° E.; asc. 60 ft.
25.60	Spur, projects E.
38.00	Shallow draw, drains E. 2 chs. into wash draining S.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd. $\begin{array}{c} \frac{1}{4} \\ S33   S34 \\ 1955 \end{array}$ Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post. Desc. 30 ft.
62.20	Wash, 15 lks. wide, 4 ft. deep, drains W. for 1 ch., then SE. Asc. 150 ft.
69.80	Spur, projects S.; asc. 20 ft.
72.00	Rim of mesa, bears NE. and SW.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. $\begin{array}{c} T34S R11E \\ \underline{S28   S27} \\ S33   S34 \\ 1955 \end{array}$ Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of the post. Land, rolling desert land. Soil, clay. No timber. Undergrowth, scant shadscale, grass and weeds.
40.00	N. 0° 02' W. bet. secs. 27 and 28. Over desert bench land, sloping gently to the S., through medium dense undergrowth. Asc. 120 ft. over a gentle S. slope. Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

Subdivision, T. 34 S., R. 11 E.

Chains

$\frac{1}{4}$   
 S28 | S27  
 1955

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

Asc. 125 ft. over gentle S. slope.

80.00

Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34S R11E  
 S21 | S22  
 S28 | S27  
 1955

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, nearly level desert bench land.

Soil, sandy loam and rocky.

No timber.

Undergrowth, dense black brush, scant grass.

N.  $0^{\circ} 02'$  W. bet secs. 21 and 22.

Over nearly level desert bench land, sloping gently to the SW.

Asc. 45 ft.

16.00

Drains, 10 lks. wide, 3 ft. deep, drains S.  $15^{\circ}$  W.; asc. 60 ft.

35.90

Old road, bears E. and W.

38.40

Road, Bullfrog to Hanksville, bears S.  $20^{\circ}$  W. and N.  $20^{\circ}$  E.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.

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

$\frac{1}{4}$   
 S21 | S22  
 1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

43.20

Enter scattered juniper.

43.50

Wash, 8 lks. wide, 3 ft. deep, drains S.  $30^{\circ}$  W.

46.30

Leave juniper; asc. 120 ft.

69.00

Shallow wash, course S.  $40^{\circ}$  W.

71.30

Enter strip of dense juniper; asc. 50 ft.

76.00

Leave strip of juniper, bears S.  $70^{\circ}$  W.

80.00

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

Subdivision, T. 34 S., R. 11 E.

Chains	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	T3LS R11E S16 S15 S21 S22 1955
	Deposit a sandstone rock, 5x3 ins., mkd. with a cross (X) at the base of the post.
	Land, nearly level bench land. Soil, rocky, sandy loam. Timber, scattered juniper. Undergrowth, black brush, sage brush, and gramma grass.
	N. 0° 02' W. bet. secs. 15 and 16.
	Asc. over foothills and W. slope of the Henry Mts., through scattered juniper and dense undergrowth.
3.10	Road to Squaw Springs bears N. 50° W. and S. 50° E.; asc. 55 ft.
7.00	Enter juniper, asc. 180 ft.
28.40	Top of rocky knoll, desc. 25 ft.
37.40	Road bears E. and W.; asc. 35 ft.
40.00	Point for the ¼ sec. cor. of secs. 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	¼
	S16 S15 1955
	Deposit a granite rock, 4x2 ins., mkd. with a cross (X) at the base of the post.
44.20	Road, bears S. 15° W. and N. 15° E.; asc. 120 ft. over a S. slope.
52.00	Fork of Copper Creek, drains S. 15° W.; asc. 200 ft.
62.20	Spur, projects E.
64.50	Fork of Copper Creek, drains S. 85° E.; asc. 320 ft.
72.00	Sandstone pinnacles, 100 ft. high.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	T3LS R11E S 9 S10 S16 S15 1955
	Deposit a granite rock, 5x3 ins., mkd. with a cross (X) at the base of the post.

## Chains

entire

Land, mountainous.  
Soil, rocky, sandy loam with sandstone and granite ledges.  
Timber, juniper and pinon.  
Undergrowth, scant black brush and sage brush.

N. 0° 02' W. bet. secs. 9 and 10.

Over mountainous land, through dense timber and scant undergrowth.

Asc. along a SE. slope.

- 1.00 Draw, drains SE., asc. 240 ft. over a SE. slope.
- 13.00 Draw, drains S. 20° E.; asc. 1080 ft. over a ledgy S. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10 falls on an almost vertical ledgy slope, where it is impracticable to set a post.
- There being no place within 10 chs. on line to set a post; therefore at a point 10.185 chs. N. 14° 03' E.,
- Set an iron post, 36 ins. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone to cap, with brass cap mkd.

$\frac{1}{4}$   
W P

S 9 S10

1955

Deposit a granite rock, 1x3x3 ins., mkd. with a cross (X) at the base of the post.

- 41.50 Draw, drains S. 15° E.;
- Asc. 880 ft. over a S. slope.

60.00 Spur ridge, projects SE., thence along a steep E. slope.

64.50 Ravine, drains S. 70° E.; asc. 240 ft. over a SE. slope.

71.00 Spur, projects E.; desc. 200 ft. along a NE. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 36 ins. long, 1 in. diam., 6 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

T34S R11E

S 4 S 3

S 9 S10

1955

Deposit a granite rock, 1x1x2 ins., mkd. with a cross (x) at the base of the post.

Land, steep broken mountain land.  
Soil, sandy, clay loam, rocky with numerous high ledges.  
Timber, dense red pine, douglas fir, balsam and scattered aspen.  
Undergrowth, larb, sage brush, bitter brush, thimble berry.

Chains

N. 0° 06' W. bet. secs. 3 and 4.

Over broken mountain land, through dense timber and scattered undergrowth.

Along a steep E. slope.

1.50 Spur, projects N. 80° E.; asc. 40 ft.

2.80 Draw, drains E.; asc. 80 ft.

8.00 Spur, projects E.; desc. 120 ft. along an E. slope.

19.00 Draw, drains E. 2 chs. to larger draw, then drains S. 30° E.

21.50 Draw, drains S. 30° E.; asc. 540 ft. over a SW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 36 ins. long, 1 in. in diam., 12 ins. in the ground and in a mound of stone to cap, with brass cap mkd.

$\frac{1}{4}$   
 S 4 | S 3  
 1955

From which,

A douglas fir, 8 ins. diam., bears S. 40° E. 36 lks. dist., mkd.  $\frac{1}{4}$  S3 BT.

Continue along a W. slope.

47.00 Draw, drains S. 30° W.; asc. 600 ft. over a S. slope.

67.03 Intersect the S. bdy. of T. 33 S., R. 11 E. at a point 2.79 chs. E. of the original cor. of secs. 3, 4, 33 and 34, a granite stone conforming to the record. This corner now functions for secs. 33 and 34 only.

At the point of intersection,

Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T33S  
 S34  
 S 4 | S 3  
 C | C  
 T34S R11E  
 1955

Deposit a granite stone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken mountain land.

Soil, rocky, ledgy, clay loam.

Timber, douglas fir, balsam and aspen.

Undergrowth, sage brush, buck brush, owiump and larb.

Beginning at the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp.

Thence:

S. 89° 56' W. bet. secs. 1 and 12.

Chains

Over mountainous land, through scattered juniper and scant undergrowth.

Asc. 240 ft. over a SE. slope.

34.40 Draw, drains SE.; asc. 80 ft. over a SE. slope.

40.07 Point for the 1/4 sec. cor. of secs. 1 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

1/4 S 1  
S12

1955

Deposit a granite rock, 5x4x2 ins., mkd. with a cross (X) at the base of the post.

Asc. 80 ft.

49.00 Wash, 20 lks. wide, 3 ft. deep, drains SE.; asc. 195 ft.

71.60 Wash with sloping banks, 10 lks. wide at bottom, 30 ft. deep, drains S. 50° E.

80.14 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T34S R11E  
S 2 | S 1  
S11 | S12

1955

Deposit a granite rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, rolling mountain land.  
Soil, rocky clay loam.  
Timber, scattered juniper.  
Undergrowth, short sage brush and gramma grass.

S. 89° 56' W. bet. secs. 2 and 11.

Over mountainous land, through dense juniper and scant undergrowth.

Asc. 450 ft. over a steep E. slope.

12.00 Spur, projects N. and S.; desc. 80 ft.

28.50 Draw, drains S. from the NW.; asc. 360 ft. over an E. slope.

40.07 Point for the 1/4 sec. cor. of secs. 2 and 11.

Set an iron post, 36 ins. long, 1 in. in diameter, 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

1/4 S 2  
S11

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Subdivision, T. 34 S., R. 11 E.

Chains

Asc. 1520 ft. over a steep ledgy E. slope.

80.14

Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 36 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

T34S R11E  
 S 3 | S 2  
 S10 | S11  
 1955

Deposit a granite rock, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

Land, broken mountain land.

Soil, clay loam, slide rock and ledges.

Timber, juniper, pinon, mahogany, douglas fir and aspen.

Undergrowth, bitter brush, scrub oak and scant grass.

S. 89° 56' W. bet. secs. 3 and 10.

Over broken mountain land, through dense timber and scant undergrowth.

Asc. 720 ft. over a broken E. slope.

18.00

Spur, projects SE.; desc. 80 ft. along a steep broken S. slope.

40.07

Point for the ¼ sec. cor. of secs. 3 and 10.

Set an iron post, 36 ins. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

¼ S 3  
 S10  
 1955

Deposit a granite rock, 4x2x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 480 ft. along a steep SW. slope.

49.00

Draw, drains SW.; desc. 80 ft. along a SW. slope.

54.50

Draw, drains SW.; desc. 120 ft. along a SW. slope.

62.00

Main draw, drains SE.; asc. 440 ft. over an E. slope.

80.14

The cor. of secs. 3, 4, 9 and 10.

Land, broken mountain land.

Soil, clay loam, slide rock and ledges.

Timber, mahogany, douglas fir, balsam and aspen.

Undergrowth, scrub oak, buck brush and scant grass.

Beginning at the cor. of secs. 1, 2, 11 and 12.

Thence:

N. 0° 03' W. bet. secs. 1 and 2.

## Chains

Over broken mountain land, through medium dense juniper and pinon, and medium dense undergrowth.

Asc. 40 ft. along a steep E. slope.

4.00 Spur, projects E.; desc. 20 ft.

15.00 Wash, drains S. 80° E.; asc. 400 ft. over a steep S. slope.

26.00 Spur, projects SE., then along a steep E. slope.

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

Set an iron post, 36 ins. long, 1 in. diam., 20 ins. in the ground and in a mound of stone, with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \\ S\ 2\ | \ S\ 1 \\ 1955 \end{array}$$

Desc. 80 ft. along an E. slope.

45.50 Draw, drains E.; asc. 120 ft.

50.50 Spur, projects E.; desc. 300 ft. over a N. slope.

60.00 Draw, drains E.; asc. 160 ft.

66.72 Intersect the S. bdy. of T. 33 S., R. 11 E. at a point 3.13 chs. E. of the original cor. of secs. 1, 2, 35 and 36, mkd. by an iron post, conforming to the record. I remark this post to refer to T. 33 S. only.

At the point of intersection.

Set an iron post, 36 ins. long, 1 in. diam., 10 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

$$\begin{array}{r} S36 \\ S\ 2\ | \ S\ 1 \\ C\ | \ C \\ T34S\ R11E \\ 1955 \end{array}$$

Deposit a granite rock, 5x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken mountain land.

Soil, clay loam, rocky with ledges.

Timber, medium dense juniper and pinon.

Undergrowth, scrub oak, sage brush, mountain rush and scant grass.

At mid point on the N. bdy. of sec. 1, and at a point 3.22 chs. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, mkd. by an iron post 1 in. diam., conforming to the record, I remark this post to refer to sec. 36 only.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, at the  $\frac{1}{4}$  sec. cor. of sec. 1 only, with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \\ S\ 1 \\ 1955 \end{array}$$

Subdivision, T. 34 S., R. 11 E.

Chains

Beginning at the cor. of secs. 2, 3, 10 and 11.

Thence:

N. 0° 04' W. bet. secs. 2 and 3.

Over broken mountain land, through dense timber and scant undergrowth.

Desc. 160 ft. along a NE. slope.

5.50 Draw, drains N. 80° E.; desc. 120 ft. along a NE. slope.

9.80 Small draw, drains E., then along a steep E. slope.

13.00 Draw, drains E.; asc. 80 ft. over an E. slope.

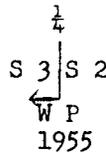
16.70 Draw, drains S. 60° E.; asc. 440 ft. over a SE. slope.

27.50 Spur, projects E.; desc. 80 ft. along an E. slope.

34.00 Spur, projects N. 75° E.; desc. 200 ft. over a N. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3 falls on steep ledgy N. slope, which it is impracticable to set an iron post; there being no place within 10 chs. on line to set a post, the point selected for the cor. bears S. 82° 24' E. 15.52 chs. dist.

Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.



Deposit a granite rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 360 ft. over a N. slope.

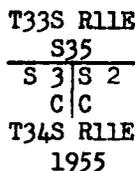
48.00 Draw, drains N. 10° E.; desc. 350 ft. over a N. slope.

56.70 Draw, drains N. 30° E.; desc. 40 ft. over a steep E. slope.

66.91 Intersect the S. bdy. of T. 33 S., R. 11 E. at a point 2.96 chs. E. of the original cor. of secs. 2, 3, 34 and 35, mkd. by a rock conforming to the record. This cor. no longer refers to the secs. in T. 34 S.

At the point of intersection.

Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.



Deposit a granite rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken mountain land.

Soil, clay loam, rocky with numerous ledges.

Chains

Timber, dense douglas fir, juniper and pinon.  
Undergrowth, sage brush, bitter brush and mountain mahogany.

At mid point on the N. bdy. of sec. 2, and at a point 3.045 chs. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 2 and 35 mkd. by rock, conforming to the record and which I now remark to refer to sec. 35 only,

Set an iron post, 36 ins. long, 1 in. diam., 12 ins. in the ground to solid rock and in a mound of stone, at the  $\frac{1}{4}$  sec. cor. of sec. 2 only, with brass cap mkd.

$\frac{1}{4}$  ———  
S 2  
1955

At mid point on the N. bdy. of sec. 3 and at a point 2.875 chs. E. of the original  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, mkd. by a rock, conforming to the record and which I now remark to refer to sec. 34 only.

Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock and in a mound of stone, at the  $\frac{1}{4}$  sec. cor. of sec. 3 only, with brass cap mkd.

$\frac{1}{4}$  ———  
S 3  
1955

Beginning at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp.

Thence:

N. 0° 03' W. bet. secs. 32 and 33.

Over rolling desert land, through scant undergrowth.

.70 W. slope of clay knoll, over rolling clay desert land.

22.00 Wash, drains S. 50° W.

30.00 Top of small clay knoll.

37.50 Small wash, drains S. 80° W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

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

$\frac{1}{4}$   
S32 | S33  
1955

Deposit a sandstone rock, 5x3x2 ins., mkd. with a cross (X) at the base of the post.

48.50 Top of gravel knoll.

## Subdivision, T. 34 S., R. 11 E.

## Chains

- 52.80 Draw, drains S. 30° W.  
 56.30 Top of E. slope of knoll.  
 58.00 Draw, drains W.  
 71.00 W. slope of spur, projects W.  
 76.50 Draw, drains SW.  
 80.00 Point for the cor. of secs. 28, 29, 32 and 33.

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

T34S R11E  
 S29|S28  
 S32|S33  
 1955

Deposit a sandstone rock, 5x3x2 ins. mkd. with a cross (X) at the base of the post.

Land, rolling desert land.

Soil, sand and clay.

No timber.

Undergrowth, black brush, shadscale and scant grass.

Beginning at the cor. of secs. 27, 28, 33 and 34.

Thence:

N. 89° 58' W. bet. secs. 28 and 33.

Over rolling desert land, draining to the S., through scant undergrowth.

- 4.00 Small wash, drains S.  
 18.50 Wash, 8 lks. wide, 6 ft. deep, drains S. 40° W.  
 30.00 Wash, 20 lks. wide, 10 ft. deep, drains S. 35° W.  
 40.10 Point for the ¼ sec. cor. of secs. 28 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, with brass cap mkd.

¼ S28  
 S33  
 1955

Deposit a sandstone rock, 5x3x3 ins. mkd. with a cross (X) at the base of the post.

Desc. 80 ft. over a W. slope.

- 44.20 Draw, drains S. 20° W.; asc. 80 ft. over an E. slope.  
 52.50 Spur, projects S. 10° W.; desc. 100 ft. over a W. slope.  
 78.30 Draw, drains S. 20° W.  
 80.20 The cor. of secs. 28, 29, 32 and 33.

Subdivision, T. 34 S., R. 11 E.

Chains

Land, rolling desert land.  
Soil, sand and clay.  
No timber.  
Undergrowth, black brush, shadscale, scant grass and weeds.

Beginning at the cor. of secs. 15, 16, 21 and 22.

Thence:

N. 89° 57' W. bet. secs. 16 and 21.

Over rolling desert land, through widely scattered juniper and scant undergrowth.

11.60 Wash, 20 lks. wide, 3 ft. deep, drains S. 35° W.

20.90 Wash, 10 lks. wide, drains S. 30° W.

24.20 Wash, 30 lks. wide, and 3 ft. deep, drains S.

33.40 Wash, 10 lks. wide, drains S. 15° E.

39.30 Small drains, drains S.

40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 16 and 21.

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

$\frac{1}{2}$   $\frac{S16}{S21}$   
1955

Deposit a sandstone rock, 4x3x3 ins., mkd. with a cross (X) at the base of the post.

61.10 Road to Squaw Springs, bears S. 30° W. and N. 30° E.

63.90 Top of knoll.

67.90 Same road, bears NW. and SE.

76.40 Wash, 12 lks. wide, drains S. 10° W.

78.90 Spur, projects S. 15° W.

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.

T34S R11E  
 $\frac{S17|S16}{S20|S21}$   
1955

Deposit a sandstone rock, 5x3x3 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert land.  
Soil, rocky, sandy clay.  
Timber, scattered juniper.  
Undergrowth, black brush and grama grass.

## Subdivision, T. 34 S., R. 11 E.

## Chains

N. 0° 03' W. bet. secs. 16 and 17.

Over rolling and mountainous land, through a medium dense juniper and pinon and dense underbrush.

Asc. 40 ft. over a S. slope.

6.00 Road to Squaw Springs, bears N. 05° W. and S. 05° E. 1 ch., then E.; asc. 120 ft.

19.50 Wash, drains SE. 1 ch., then S. 20° E.; asc. 200 ft. over a S. slope.

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

Set an iron post, 36 ins. long, 1 in. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

↑  
S17 | S16  
1955

Deposit a sandstone rock, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

Asc. 320 ft. over a S. changing to SE. slope.

78.00 Wash, 15 lks. wide, 4 ft. deep, drains S. 10° E.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

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

T34S R11E  
S 8 | S 9  
S17 | S16  
1955

Deposit a granite rock, 5x3x3 ins., mkd. with a cross (X) at the base of the post.

Land, rolling mountain land.

Soil, rocky clay loam.

Timber, dense juniper and pinon.

Undergrowth, dense black brush the first half mile, dense sage brush the balance.

Beginning at the cor. of secs. 9, 10, 15 and 16.

Thence:

N. 89° 52' W. bet. secs. 9 and 16.

Over broken mountain land, through dense juniper, pinon and scant undergrowth.

Asc. 440 ft. over an E. slope.

14.00 Knoll on spur, projecting S.; desc. 480 ft. over a W. slope.

24.50 Draw, drains S.; asc. 500 ft. over a SE. slope.

Chains	
37.00	Spur, projects S. 20° W.; desc. 80 ft. over a W. slope.
40.07	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 9 and 16 falls on ledges sloping to the W. where it is impracticable to set a post. Therefore at a point 1.17 chs. S. of the true point.</p> <p>Set an iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \text{WC} \\ \uparrow \\ \frac{1}{4} \text{ S } 9 \\ \hline \text{S16} \\ 1955 \end{array}</math> </div> <p>Deposit a sandstone rock, 4x3x3 ins. mkd. with a cross (X) at the base of the post.</p> <p>Desc. 240 ft.</p>
47.00	Draw, drains SW.; desc. 100 ft. along a SW. slope.
60.50	Draw, drains SE.; asc. 80 ft. along a SE. slope.
72.00	Spur, projects SW.; desc. 200 ft. along a NW. slope.
78.60	Wash, 30 lks. wide, 6 ft. deep, drains S. 30° W.
80.14	The cor. of secs. 8, 9, 16 and 17.
	<p>Land, broken mountain land.          Soil, rocky clay loam.          Timber, dense juniper and pinon.          Undergrowth, silver leaf, mountain rush and sage brush.</p>
	<p>Beginning at the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp.</p>
	Thence:
	N. 0° 03' W. bet. secs. 31 and 32.
	Over rolling desert land, through scant undergrowth.
	Asc. 15 ft. over a S. slope.
14.00	Wash, drains SW.
19.60	Road, bears S. 25° W. and N. 25° E.
31.90	Copper Creek, drains S. 25° W.
40.00	<p>Point for the <math>\frac{1}{2}</math> sec. cor. of secs. 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \frac{1}{2} \\ \text{S31}   \text{S32} \\ 1955 \end{array}</math> </div> <p>Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.</p> <p>Along fork of Copper Creek.</p>
51.00	Leave fork of Copper Creek; asc. 200 ft. over a S. slope.

## Subdivision, T. 34 S., R. 11 E.

## Chains

80.00	<p>SW. slope of blue clay spur projects S. 30° E.</p> <p>Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set an iron post, 36 ins. long, 1 in. diam., 10 ins. in the ground and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T34S R11E  <math>\frac{S30}{S31}   \frac{S29}{S32}</math>  1955</p> <p>Deposit a sandstone rock, 5x4x2 ins., mkd. with a cross (X) at the base of the post.</p> <p>Land, rolling desert land.  Soil, rocky clay.  No. timber.  Undergrowth, scant shadscale and black brush.</p>
	<p>Beginning at the cor. of secs. 28, 29, 32 and 33.</p> <p>Thence:</p> <p>N. 89° 54' W. bet. secs. 29 and 32.</p> <p>Over rolling desert land, through scant undergrowth.</p>
4.40	Wash, 8 lks. wide, 3 ft. deep, drains N. 50° W.
16.50	S. slope of spur, projects from the NW.
27.50	Road bears S. 15° W. and N. 15° E.
36.00	Fork of Copper Creek, drains SW.
39.95	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 29 and 32.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 10 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;"><math>\frac{S29}{S32}</math>  1955</p> <p>Deposit a sandstone rock, 4x4x2 ins. mkd. with a cross (X) at the base of the post.</p>
41.20	Wash, 15 lks. wide, drains SW.; desc. 110 ft.
57.00	Junction of two washes, drains S. from the NW and the NE.; asc. 210 ft. over an E. slope. Main channel of Copper Creek is from NW.
77.30	Blue clay spur, projects S. 30° E.; desc. 45 ft. over a SW. slope.
79.90	<p>The cor. of secs. 29, 30, 31 and 32.</p> <p>Land, rolling desert land the first half mile, broken the balance.  Soil, rocky clay.  No timber.  Undergrowth, scant shadscale, grass and weeds.</p>

## Chains

- N. 89° 56' W. bet. secs. 30 and 31.  
Over broken desert land, through medium dense undergrowth.  
Desc. 135 ft. along a SW. slope.
- 13.00 Draw, drains S.; asc. 220 ft. over an E. slope.
- 20.70 Narrow spur, projects S.; desc. 160 ft. over a W. slope.
- 31.00 Wash, 12 lks. wide, 3 ft. deep, drains S. 15° E.; asc. 135 ft. over an E. slope.
- 37.50 Narrow clay spur, projects S. 10° E.; desc. 60 ft. over a W. slope.
- 40.00 Point for the  $\frac{1}{2}$  sec. cor. of secs. 30 and 31.  
Set an iron post, 36 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground to solid rock and in a mound of stone, with brass cap mkd.
- $$\frac{1}{2} \frac{S30}{S31}$$
 1955
- Desc. 120 ft. over a W. slope.
- 44.50 Draw, drains S.; asc. 240 ft. over an E. slope.
- 50.50 Spur, projects S.
- 54.00 Head of draw, drains S. 30° E.; asc. 80 ft.
- 56.50 Rim of mesa, bears N. and S., enter scattered juniper.
- 71.80 Desc. 180 ft. along a S. 15° W. slope.
- 79.46 The cor. of secs. 25, 30, 31 and 36.  
Land, broken desert land.  
Soil, clay in the first half mile, rocky clay the balance.  
Timber, no timber in the first half mile, scattered juniper and pinon the balance.  
Undergrowth, scant black brush, shadscale, grass and weeds.

## General Description

The land in this township varies from broken and rolling desert land in the south and west to high broken mountain land in the north. The drainage is mostly south and west into Hansen Creek. A strip along the east part of the township drains southeast into Trachyte wash. The soil is principally of a loose sandy clay loam, although in the south and west are patches of blue clay badlands. The timber in the south is widely scattered patches of juniper and pinon, while in the mountains in the north there is a dense growth of juniper, pinon, douglas fir, balsam, mahogany and aspen. The undergrowth is mainly black brush and gramma grass, with lesser amounts of mountain rush, yellow brush, bitter brush, sage brush and weeds. There are no permanent habitations in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area.

REPRODUCTION OF THIS DOCUMENT IS PROHIBITED

4-680  
(Feb., 1960)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
LeRoy N. McCulley	Principal Assistant
Alburn D. Griffin	Principal Assistant
Robert N. Liston	Chainman
Boyd S. Owens	Chainman
Parley Pratt	Flagman
Vergean Porter	Flagman
Guy Follock	Cornerman
Guy O. Hatch	Cornerman
Dale B. Brinkerhoff	Axeman
Robert A. Pratt	Axeman
James H. Chappell	Axeman
Boyd Brown	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

We Fred R. Chappell and Robert K. Burgess, HEREBY CERTIFY upon honor that,

pursuance of special instructions bearing date of the 5th day of March, 1956

We have surveyed the south boundary, the east boundary and portions of the subdivision of Township 34 South, Range 11 East

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 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

April 9, 1956

Fred R. Chappell
Cartographic Survey Aid
Robert K. Burgess
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 6 1956, 19

The foregoing field notes of the survey of the south boundary, the east boundary and portions of the subdivision of Township 34 South, Range 11 East.

executed by Fred R. Chappell and Robert K. Burgess

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

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

CERTIFICATE OF TRANSCRIPT

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

is a true copy of the original field notes.

Chief, Division of Cadastral Engineering

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the

Survey of the Seventh Standard Parallel South Through Range 8 East,

The East Boundary, and a Portion of the Subdivision

of

Township 35 South, Range 8 East

Of the Salt Lake Meridian,

in the State of Utah

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

Robert K. Burgess, Cartographic Survey Aid

Under special instructions dated March 2, 1954, which provided

for the surveys included under Group No. 388, approved April 6, 1954

and assignment instructions dated March 30, 1955

Survey commenced April 11, 1955

Survey completed May 3, 1955

# INDEX DIAGRAM

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16-38770-1

Lines ruled in red were surveyed by Fred R. Chappell

Lines ruled in blue were surveyed by Robert K. Burgess

2445

Township 35 South, Range 8 East

Chains

The west boundary of T. 35 S., R. 8 E., was surveyed in 1954, and is described in the field notes of the survey of T. 35 S., R. 7 E., the north boundary is being surveyed concurrently under this group.

The following field notes are those of a survey of the south boundary, or Seventh Standard Parallel South, the east boundary, and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate the development of the natural resources, in T. 35 S., R. 8 E. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit number 26066 and W. and L. E. Gurley solar transit number 461263, both being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work, they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey station "Mesa" is as follows: Latitude 37° 42' 50" N. and Longitude 110° 58' 00" W. The mean magnetic declination was found to be 15° 15' E.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

Seventh Standard Parallel South Through Range 8 East

Beginning at the standard cor. of Ts. 35 S., Rs. 7 and 8 E., mkd. by an iron post, conforming to the record of the survey of T. 35 S., R. 7 E.

East, on the S. bdy. of sec. 31, T. 35 S., R. 8 E.

## Seventh Standard Parallel South Through Range 8 East

Chains

Over mountainous land, through medium dense timber and sparse undergrowth.

- 2.40 Draw, drains S. 30° W.; asc. 40 ft. along a SE. slope.
- 14.20 W. edge of canyon, bears NE. and SW.; desc. 100 ft. over general SE. slope.
- 19.40 Wash, 20 lks. wide, 1 ft. deep, in bottom of canyon draining S. 35° W.; asc. 75 ft. along a NW. slope.
- 25.90 E. edge of canyon, bears NE. and SW.; continue over general flat plateau.
- 40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 31.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

SC  
 $\frac{1}{4}$  S 31

1955

from which

A scrub juniper, 12 ins. diam., bears N. 9° E., 1.66 chs. dist., mkd. SC $\frac{1}{4}$ S31BT.

Continue over flat plateau.

- 46.00 Draw, drains S. 10° W.
- 74.20 Enter broken land; desc. 80 ft. over broken E. slope.
- 80.00 Point for the standard cor. of secs. 31 and 32.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

SC  
T35SR8E  
S31|S32

1955

from which

A juniper, 4 ins. diam., bears N. 12° 45' W., 75 lks. dist., mkd. SCS31BT.

Land, nearly level.

Soil, rocky.

Timber, medium dense juniper and sparse pinon.

Undergrowth, bitter brush, silver lead, and sparse grass.

East, on the S. bdy. of sec. 32.

Over mountainous land, through medium dense juniper and pinon and scant undergrowth.

- 4.30 Draw, drains S.; asc. 25 ft. over broken W. slope.

## Seventh Standard Parallel South Through Range 8 East

## Chains

- 9.60 Spur, projects S.; desc. 75 ft. over broken SE. slope.
- 13.50 Bottom of draw, 10 lks. wide, drains S.; continue over broken land.
- 20.00 Bottom of draw, 15 lks. wide, 50 ft. deep, drains S.; asc. 25 ft. over SW. slope.
- 23.00 Spur, projects S. 1 ch. to end; continue over broken hills.
- 36.00 Draw, 15 lks. wide, 30 ft. deep, drains S. 10° W.
- 40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 32, over a cross (X) out in solid rock.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a large mound of stone, with brass cap mkd.
- SC  
 $\frac{1}{4}$  S32  
1955
- This cor. is located on a W. slope, 75 lks. W. of a sandstone rim.
- Continue over a series of small spurs and washes.
- 58.00 Wash, 25 lks. wide, 25 ft. deep, drains S.; continue over general broken land.
- 72.25 Wash, 7 lks. wide, 1 ft. deep, drains S. 10° E.
- 80.00 Point for the standard cor. of secs. 32 and 33.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- SC  
T35SR8E  
S32 | S33  
1955
- from which
- A juniper, 5 ins. diam., bears N. 37° 30' E., 81 lks. dist., mkd. SCS33BT.
- Land, rolling.  
Soil, sandy clay loam, gravelly and rocky.  
Timber, medium dense juniper and pinon.  
Undergrowth, bitter brush, silver leaf, and mountain rush.
- 
- East, on the S. bdy. of sec. 33.
- Over mountainous land, through med. dense juniper, and pinon and scant undergrowth.
- 2.00 Wash, 10 lks. wide, 12 ft. deep, drains S.; asc. 50 ft.
- 7.00 Sandstone outcropping; continue over broken ground; desc. 45 ft.
- 27.00 Bottom of wash, 10 lks. wide, drains N. 85° W.; continue along bottom of wash.

## Seventh Standard Parallel South Through Range 8 East

Chains	
32.00	Leave wash, asc. 80 ft. along N. edge of wash.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 33 on top of sandstone bench.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 2 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	SC $\frac{1}{4}$ S33 1955
	from which
	A pinon, 8 ins. diam., bears N. 24° W., 67 lks. dist., mkd. SC $\frac{1}{4}$ S33BT.
	This cor. is located 2 chs. N. of wash, drains N. 85° W.
61.60	Small wash, 10 lks. wide, 1 ft. deep, drains SW.; asc. 70 ft. over general SW. slope.
71.50	W. edge of sandstone shelf.
74.00	E. edge of sandstone shelf.
78.50	Center of hollow, drains S. 10° E.
80.00	Point for the standard cor. of secs. 33 and 34, situated 50 lks. W. of sandstone ledge.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	SC T35SR8E S33   S34 1955
	from which
	A pinon, 8 ins. diam., bears N. 39° W., 31 lks. dist., mkd. SCS33BT.
	Land, rocky with sandstone outcroppings. Soil, clay and shale. Timber, medium dense juniper and pinon. Undergrowth, bitter brush, sparse grass, and silver leaf.
	East, on the S. bdy. of sec. 34.
	Over mountainous land, covered with medium dense juniper and pinon and sparse undergrowth.
	Asc. 20 ft. over SW. slope.
1.00	Sandstone spur, 30 lks. wide, projects S. 10° W.; desc. 40 ft. over rocky SE. slope.
8.00	Wash, 10 lks. wide, drains S. 25° W.; asc. 35 ft. over SW. slope.
14.00	Spur, projects S. 40° W.; desc. 70 ft. over SE. slope.

## Seventh Standard Parallel South Through Range 8 East

## Chains

- 22.50 Small wash, drains S. 15° W.; asc. 90 ft. over SW. slope.
- 32.00 Spur, projects S. 10° W.; desc. 20 ft. over SE. slope.
- 40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 34, situated on solid sandstone in the bottom of a small hollow, drains S. 30° W.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a mound of stone, with brass cap mkd.

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

1955

from which

A pinon, 10 ins. diam., bears N. 68° 30' E., 79 lks. dist., mkd. SC $\frac{1}{4}$ S34BT.

Asc. 25 ft. over SW. slope.

- 42.00 Spur, projects S. 30° W.; desc. 80 ft. over SE. slope.
- 50.50 Wash, 7 lks. wide, drains S.; asc. 90 ft. over SE. slope.
- 59.00 Same wash, drains NW.
- 65.50 Sandstone spur, projects S.; desc. 20 ft. over E. slope.
- 76.70 Base of steep talus slope.
- 80.00 Point for the standard cor. of secs. 34 and 35, situated in a pocket, 1 ch. N. of overhanging ledge of solid sandstone, surrounded by large sandstone boulders.

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

SC  
T35SR8E  
S34 | S35

1955

from which

A pinon, 14 ins. diam., bears N. 12° W., 1.00 ch. dist., mkd. SCS34BT.

Land, rocky.

Soil, clay and shale.

Timber, medium dense juniper and pinon.

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

East, on the S. bdy. of sec. 35.

Asc. 175 ft. over a SW. talus slope.

- 5.60 Base of cliff, 120 ft. high, faces S. 80° W.
- 5.85 Top of cliff; enter medium dense juniper and pinon; ascending over broken mesa top.
- 9.50 S. edge of mesa top; continue over broken mesa top.

## Seventh Standard Parallel South Through Range 8 East

## Chains

- 21.00 Small dra, drains S. 15° W.; continue over broken mesa top.
- 40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 35.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground, and in a mound of stone, with brass cap mkd.
- SC  
 $\frac{1}{4}$  S35  
1955
- from which
- A pinon, 8 ins. diam., bears N. 01° E., 24 lks. dist., mkd. SC $\frac{1}{4}$ S35BT.
- Over flat mesa top through medium dense juniper and pinon.
- 51.50 End of timber.
- 63.00 Small wash, 3 lks. wide, 1 ft. deep, drains N. 30° E.
- 65.50 Enter timber, asc. 20 ft. over NW. slope.
- 68.00 Spur, projects N. 10° E.; continue over a series of small spurs and washes.
- 78.00 Wash, 7 lks. wide, 1 ft. deep, drains N. 10° E.
- 80.00 Point for the standard cor. of secs. 35 and 36.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, with brass cap mkd.
- SC  
T35SR8E  
S35|S36  
1955
- Deposit broken glass at the base of the post.
- Land, rolling.  
Soil, sandy clay.  
Timber, scattered juniper and pinon.  
Undergrowth, bitter brush, silver leaf, mountain rush, and sparse grass.
- 
- East, on the S. bdy. of sec. 36.
- Desc. 90 ft. along mesa top.
- 9.00 Edge of mesa; desc. 90 ft. over steep NE. slope.
- 11.00 Draw, drains N. 20° E.; continue over a series of spurs and washes.
- 34.50 Spur, projects N. 10° W.; desc. 140 ft. over NE. slope.
- 37.00 Wash, 10 lks. wide; drains N.
- 40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 36, which falls 50 lks. E. of small draw draining N.

Seventh Standard Parallel South Through Range 8 East

Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, and in a mound of stone, with brass cap mkd.

SC  
 $\frac{1}{4}$  S36  
1955

from which

A pinon, 12 ins. diam., bears N. 41° W., 66 lks. dist., mkd. SC  $\frac{1}{4}$  S36BT.

Asc. 50 ft.

- 42.25 Spur, projects N.; desc. 150 ft. over E. slope.
- 51.00 Hillside spur, projects NE.; desc. 75 ft. over SE. slope.
- 56.00 Wash, 7 lks. wide, drains N. 50° E.; asc. 85 ft. over NW. slope.
- 67.00 W. edge of white sandstone spur, projecting N.; desc. 30 ft.
- 69.60 E. edge of spur; desc. 480 ft.
- 79.00 W. bank of wash, 66 ft. deep, 20 lks. wide, drains N. 10° E.
- 80.00 Point for the standard cor. of secs. 1 and 6, over a cross (X) cut in solid rock.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a large mound of stone, with brass cap mkd.

SC  
T35S  
R8E | R9E  
S36 | S31  
1955

This cor. is situated on a red sandstone ledge, on the E. side of a deep wash.

Land, rolling.  
Soil, sandy clay loam, shale, and rocky.  
Timber, medium dense juniper and pinon.  
Undergrowth, bitter brush, silver leaf, and mountain rush.

Survey of the East Boundary of T. 35 S., R. 8 E.

Beginning at the standard cor. of Ts. 35 S., Rs. 8 and 9 E.  
North, between secs. 31 and 36.

Over mountainous land, through medium dense juniper and pinon and scant undergrowth.

- 1.00 Wash, 66 ft. deep, 30 lks. wide, drains N. 10° E.
- 11.75 Spur, projects NE. desc. 220 ft. over broken terrain.
- 36.70 Wash, 25 lks. wide, drains N. 20° W.; asc. 20 ft. over SE. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, which falls on the S. edge of spur, projects NE.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S36 | S31

1955

from which

A juniper, 8 ins. diam., bears N.  $22^{\circ} 30'$  E., 76 lks. dist., mkd.  $\frac{1}{4}$  S31BT.

A pinon, 5 ins. diam., bears S.  $86^{\circ}$  W., 76 lks. dist., mkd.  $\frac{1}{4}$  S36BT.

43.50 Wash, drains NE.; asc. 660 ft. over a steep talus S. slope.

73.25 Top of sandstone peak; desc. 215 ft. over steep N. slope.

80.00 Point for the cor. of secs. 25, 30, 31, and 36, which falls 75 lks. S. of saddle on S. slope.

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

T35S

R8E | R9E

S25 | S30

S36 | S31

1955

from which

A pinon, 10 ins. diam., bears N.  $57^{\circ}30'$  W., 107 lks. dist., mkd. T35SR8ES25BT.

A pinon, 10 ins. diam., bears S.  $74^{\circ}$  W., 65 lks. dist., mkd. T35SR8ES36BT.

Land, mountainous.

Soil, gravelly and rocky.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, mountain rush, and silver leaf.

North, between secs. 25 and 30.

Over mountainous land, through scattered juniper and pinon and scant undergrowth.

2.00 Top of sandstone rim, bears N.  $30^{\circ}$  E.

5.00 Draw, drains N.  $30^{\circ}$  E. from S.  $30^{\circ}$  W.

12.00 Top of sandstone outcropping; continue over broken land.

24.00 Edge of NE. slope of rocky spur; desc. 400 ft. over steep talus slope.

40.00 True point for  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, falls in an inaccessible sandstone island rib, not monumented.

Desc. 280 ft. over steep NE. slope.

East Boundary, T. 35 S., R. 8 E.

Chains

- 55.00 Wash, drains S. 60° W.; asc. 80 ft. over general SW. slope.
- 60.00 Top of sandstone spur, projects S. 30° E.; continue over broken sandstone ribs.
- 73.00 Head of wash, drains SE.
- 75.60 Cement a brass tablet  $3\frac{1}{2}$  ins. diam., with 3 in. stem, in a hole drilled in solid sandstone, as a witness point, with brass cap mkd.

WP  
S25 | S30

1955

- 80.00 Point for the cor. of secs. 19, 24, 25, and 30.  
Cement an iron post, 6 ins. long, 1 in. in diam., in a hole drilled in solid sandstone, with brass cap mkd.

T35S  
R8E | R9E  
S24 | S19  
S25 | S30

1955

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

This cor. is situated on a NE. slope of a solid sandstone spur.

Land, white sandstone mountains.  
Soil, gravelly and rocky.  
Timber, scattered juniper and pinon.  
Undergrowth, scant sagebrush.

North, between secs. 19 and 24.

Over mountainous land, with a series of sandstone spurs, with scant timber and undergrowth.

Desc. 610 ft. along NE. slope of white sandstone spur.

- 24.00 Draw, drains NE.; continue descent of 30 ft. along gradual sloping bottom land.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Cement a brass tablet  $3\frac{1}{2}$  ins. in diam., with 3 ins. stem, in a hole drilled in bare white sandstone and mkd.

$\frac{1}{4}$   
S24 | S19

1955

Continue over broken terrain.

- 59.50 Draw, drains NE.

- 75.60 Shallow draw, on solid sandstone, drains E.; desc. 35 ft. over broken land.

Chains

- 79.50 Small wash, 2 lks. wide, drains SE.; enter sand, with scattered black brush.
- 80.00 Point for the cor. of secs. 13, 18, 19, and 24.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- |            |            |
|------------|------------|
| T35S       |            |
| R8E        | R9E        |
| <u>S13</u> | <u>S18</u> |
| S24        | S19        |
- 1955
- from which
- A juniper, 12 ins. diam., bears S.  $50^{\circ}$  E., 64 lks. dist., mkd. T35SR9ES19BT.
- Land, white sandstone and mountainous.  
Soil, gravelly and rocky.  
Timber, scattered juniper and pinon.  
Undergrowth, black brush, bitter brush, and mountain rush.

North, between secs. 13 and 18.

- Over mountainous land, through scattered timber and scant undergrowth.
- 1.60 Sand spur, projects SE.
- 5.65 Enter white sandstone; desc. 77 ft.
- 13.50 Wash, drains SE.; asc. 170 ft. over SE. slope.
- 24.50 Broken sandstone spur, projects S.  $70^{\circ}$  E.; desc. 42 ft. over NE. slope.
- 29.60 Small wash, drains E.; desc. 110 ft., over rolling bottom land.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.
- Cement a brass tablet  $3\frac{1}{2}$  ins. diam., with 3 in. stem, in a hole drilled in bare white sandstone and mkd.
- |               |     |
|---------------|-----|
| $\frac{1}{4}$ |     |
| S13           | S18 |
- 1955
- from which
- A juniper, 3 ins. diam., bears S.  $62^{\circ}$  E., 34 lks. dist. mkd.  $\frac{1}{4}$ S18BT.
- Desc. 80 ft.
- 42.50 Wash, 20 lks. wide, drains E., asc. 80 ft. over a SE. slope.
- 50.80 Sandstone spur, projects SE.; desc. 102 ft. over a NE. slope.
- 62.50 Wash, 75 lks. wide, drains S.  $20^{\circ}$  E.; asc. 18 ft.

East Boundary, T. 35 S., R. 8 E.

Chains

- 67.40 Spur, projects S. 10° E.
- 80.00 Point for the cor. of secs. 7, 12, 13, and 18, which falls on the W. slope of sandstone spur.  
Cement a brass tablet, 3½ ins. diam., with 3 in. stem, in a hole drilled in bare white sandstone, with top mkd.

T35S  
R8E | R9E  
S12 | S7  
S13 | S18

1955

from which

A juniper, 8 ins. diam., bears S. 44° 30' W., 91 lks. dist., mkd. T35SR8ES13BT.

Land, mountainous.  
Soil, sandy, gravelly, and rocky.  
Timber, scattered juniper and pinon.  
Undergrowth, black brush, mountain rush, and sparse grass.

North, between secs. 7 and 12.

Over mountainous land, through scattered timber and scant undergrowth.

- 2.00 Enter red rocky land; asc. 60 ft.
- 18.50 Old wood fence, 2 ft. high, bears E. and W.; graded road, 2 chs. E. bears N. and S., Notom to Bullfrog Creek.
- 19.50 Small wash, 7 lks. wide, drains W.; asc. 60 ft. over SW. slope.
- 32.40 Small white spur, projects S. 30° E.; asc. 45 ft.
- 34.60 Top of red clay knoll, thence desc. 74 ft.
- 40.00 Point for the ¼ sec. cor. of secs. 7 and 12, over a cross (X) cut in solid rock.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a large mound of stone, with brass cap mkd.

¼

S12 | S7

1955

- 40.35 Dirt road, bears N. 20° W. and S. 20° E.; asc. 70 ft. over broken ground.
- 50.70 Divide, bears N. and S.; desc. 70 ft.
- 61.40 Small wash, 2 lks. wide, drains N. 30° W.; enter flat bottom land.
- 80.00 Point for the cor. of secs. 1, 6, 7, and 12.  
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a mound of stone, with brass cap mkd.

Chains

T35S	
R8E	R9E
S1	S6
S7	S12

1955

No bearing trees available.

Land, mountainous.

Soil, sandy, and gravelly.

Timber, scattered juniper and a few cottonwoods.

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

North, between secs. 1 and 6.

Across flat sandy bottom land, through scattered timber and scant undergrowth.

8.00 Hall Creek, drains W.

21.70 Recross Hall Creek, 50 lks. wide, drains SE.

27.70 Small sand spur, projects W.

32.80 Small wash, 5 lks. wide, drains SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

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

$\frac{1}{4}$

S1	S6
----	----

1955

From which

A cross (X) cut into solid sandstone and marked X80, bears N. 64° 42' E., 357 lks. dist.

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of cor.

Over rolling sandstone hills.

52.20 Base of red sandstone knoll; asc. 90 ft. over SE. slope.

58.20 Top of red sandstone knoll; desc. 40 ft. over NE. slope.

60.00 Small wash, 7 lks. wide, drains W.; continue over broken land.

70.60 Small wash, drains S. 20° W.; asc. 25 ft. over SE. slope.

73.70 Sandstone knoll; desc. 20 ft.; over NW. slope.

80.00 Point for the cor. of Ts. 34 and 35 S., Rs. 8 and 9 E.

Cement an iron post, 10 ins. long, 1 in. diam., in a hole drilled in bare sandstone and mkd.

East Boundary, T. 35 S., R. 8 E.

Chains

T34S	
R8E	R9E
S36	S31
S1	S8
R35S	
1955	

from which

A juniper, 6 ins. diam., bears S. 78° 45' W., 71 lks. dist., mkd. BT.

A juniper, 12 ins. diam., bears S. 35° 15' E., 1.18 chs. dist., mkd. T35SR9ES6BT.

Land, rolling with sandstone knolls.

Soil, sandy.

Timber, scattered juniper.

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

Survey of a Portion of the Subdivision, T. 35 S., R. 8 E.

Beginning at the standard cor. of secs. 35 and 36 on the S. bdy. of the township.

Thence

N. 0° 01' W., between secs. 35 and 36.

Over mountainous land, through scattering timber and a scant undergrowth; desc. 75 ft. along a broken NW. slope over sandstone outcroppings.

1.60 S. rim of meas, bearing NE. and SW., and head of wash draining N. 10° E., continue descent of 260 ft. over broken land.

16.60 Spur, projects N. 60° E.; desc. 35 ft. along a NE. slope over sandstone outcroppings.

23.20 Wash, drains E.; asc. 75 ft. along a broken SE. slope over ledges.

30.50 Road, bears S. 15° W. and N. 15° E.; also top of ascent; desc. 65 ft. on NE. slope to ¼ sec. cor.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

¼

S35	S36
-----	-----

1955

from which

A pinon, 10 ins. diam., bears S. 58° W., 33 lks. dist., mkd. ¼S86BT.

Cor. is located 1 ch. E. of wash.

41.50 Wash, 15 lks. wide, 15 ft. deep, course N. from S. 30° W.; continue in wash.

## Chains

- 42.80 Leave wash, course N. 30° E.; asc. 50 ft. over S. slope.
- 54.40 Spur, slopes E.; desc. 10 ft. over N. slope to canyon rim.
- 56.30 S. rim of canyon, bears N. 60° E. and S. 60° W.; desc. 210 ft. over N. slope over solid sandstone.
- 62.30 Bottom of canyon, course N. 60° E.; asc. 145 ft. over N. wall of canyon.
- 68.60 N. rim of canyon, bears N. 60° E. and S. 60° W.; continue over rolling broken hills.
- 73.60 S. rim of canyon, 100 ft. deep, bears S. 30° E. and N. 30° W.; course of canyon S. 30° E.
- 78.20 N. rim of canyon, narrow spur, bears S. 30° E. and N. 30° W.
- 80.00 Point for the cor. of secs. 25, 26, 35, and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR8E

S26 | S25

S35 | S36

1955

from which

A pinon, 6 ins. diam., bears S. 75° W., 40 lks. dist., mkd. T35SR8ES35BT.

Land, broken with series of rocky canyons and rocky outcroppings. Soil, rocky.

Timber, scattered juniper and pinon pine.

Undergrowth, bitter brush, silver leaf, mountain rush, service berry, and thimble berry.

Beginning at the cor. of secs. 25, 30, 31, and 36 on the E. bdy. of the township.

West, between secs. 25 and 36.

Over broken mountainous land, through dense timber and scant undergrowth.

- 2.25 Asc. 25 ft. to top of W. slope, bears N.; desc. 245 ft. over W. slope.
- 13.40 Wash, 50 ft. deep, 10 lks. wide, with sloping sides, drains N.; continue over rough terrain.
- 15.50 N. slope of spur; desc. 60 ft. over broken terrain.
- 26.00 Wash, 15 lks. wide, 30 ft. deep, drains N.; asc. 100 ft. over E. slope.
- 37.30 Spur, bears N. 15° E.; desc. 50 ft. along N. slope.
- 40.07 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.

## Subdivision, T. 35 S., R. 8 E.

## Chains

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

$$\frac{1}{4} \frac{S 25}{S 36}$$

1955

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

Desc. 190 ft.

- 45.20 Junction of 2 canyons from the S. and SW. drains N., both canyons are 30 lks. wide and 20 ft. deep.
- 53.80 Asc. 210 ft. to NE. edge of canyon, bears N.  $30^{\circ}$  E., 200 ft. deep.
- 63.20 Asc. 138 ft. along SE. slope of canyon that drains E.
- 69.15 Spur, bears S.; desc. 25 ft.
- 69.60 Wash, 75 ft. deep, heads three chs. N., drains S.; thence asc. 260 ft.
- 77.80 W. rim of canyon, bears S.  $20^{\circ}$  E. and N.  $20^{\circ}$  W.
- 80.14 The cor. of secs. 25, 26, 35, and 36.

Land, broken with series of rocky canyons and rocky outcroppings. Soil, rocky.

Timber, scattered juniper and pinon pine.

Undergrowth, bitter brush, silver leaf, mountain rush, service berry, and thimble berry.

Beginning at the standard cor. of secs. 33 and 34, on the S. bdy. of the township.

N.  $0^{\circ}02'$  W., between secs. 33 and 34.

Over mountainous land, through medium dense juniper and pinon and sparse undergrowth; across broken terrain.

- 12.60 Wash, 10 lks. wide, 1 ft. deep, drains W.; asc. 15 ft. over SW. slope.
- 18.25 Spur, projects S.  $60^{\circ}$  W.; continue over a series of small spurs and washes.
- 30.20 Spur, 80 lks wide, projects S.  $60^{\circ}$  W.; continue over broken land.
- 38.20 Spur, projects S.  $70^{\circ}$  W.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\frac{1}{4}$$

S33 | S34

1955

from which

Chains

A juniper, .5 ins. diam., bears S. 84° 30' E., 91 lks. dist.

This cor. is situated 3.00 chs. S. of wash draining W.

Asc. 1, 170 ft. over steep SW. talus slope.

61.50 Top of cliff, 100 ft. high; continue along broken mesa top.

66.50 Small wash, 5 lks. wide, drains SW.

69.40 Enter dense timber.

73.30 N. edge of mesa top, cliff 20 ft. high; desc. 245 ft. over steep N. slope.

80.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27, 28, 33, and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR8E

S28 | S27

S33 | S34

1955

Deposit broken glass at the base of the post.

This cor. is situated on a steep N. slope of mesa.

Land, broken.

Soil, clay and gravelly.

Timber, medium dense juniper and pinon.

Undergrowth, black brush, mountain rush, silver leaf and sparse grass.

N. 0° 02' W., between secs. 27 and 28.

Over mountainous land, through scattering timber and a scant undergrowth; desc. 60 ft. over rock N. slope.

12.30 Junction of two small canyons from the E. and NE., drains W.; asc. 120 ft. over S. slope.

23.30 Spur, slopes W.; desc. 48 ft. over broken NW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

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

$\frac{1}{4}$

S28 | S27

1955

from which

A pinon, 8 ins. diam., bears N. 70° W., 24 lks. dist., mkd.  $\frac{1}{4}$ S28BT.

41.80 Small wash, course S. 15° W.

44.00 Spur, slopes S. 15° W.

Subdivision, T. 35 S., R. 8 E.

Chains

49.80 Wash, 10 lks. wide, with sloping sides and outcropping ledges, course S. 10° W.; asc. 40 ft. over a SE. slope.

53.30 Spur, slopes S. 10° W.; continue over low breaks.

73.80 Small wash, drains W.; asc. 23 ft. over S. slope.

80.00 Point for the cor. of secs. 21, 22, 27, and 28.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground, to solid rock, and in a mound of stone, with brass cap mkd.

T35SR8E  
S21 | S22  
S28 | S27

1955

from which

A pinon, 8 ins. diam., bears S. 54° W., 13 lks. dist., mkd. T35SR8ES28BT.

Land, low and rolling.

Soil, rocky and sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, sparsely scattered mountain rush, sparse grass.

N. 0° 02' W., between secs. 21 and 22.

Over mountainous land, through dense timber and medium dense undergrowth.

2.50 Head of draw, course S. 10° W; asc. 62 ft. over ESE. slope.

7.70 Spur, slopes S. 10° W.; desc. 30 ft. over broken W. slope.

16.20 Draw, course S. 15° W.; asc. 90 ft. over ESE. slope.

29.00 Spur, slopes S. 15° W.; asc. 20 ft. over W. slope.

35.40 Draw, course W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22, which falls on W. slope, 1 ch. E. of bottom of draw.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S21 | S22

1955

41.40 Bottom of draw, course S. 10° W.; asc. 201 ft. over SSW. slope.

62.75 Spur, slopes S. 10° E.; thence asc. 35 ft. over E. slope of spur.

72.40 Bend in road, course N. 10° E. and NW.; asc. 20 ft. over S. slope.

77.60 Spur, bears E. and W.

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

## Chains

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

T35SR8E

S16 | S15

S21 | S22

1955

Land, low and rolling.

Soil, rocky and sandy clay.

Timber, dense juniper and pinon.

Undergrowth, bitter brush, mountain rush and service berry.

N.  $0^{\circ} 02'$  W., between secs. 15 and 16.

Over mountainous land, through dense timber and medium dense undergrowth.

- 1.00 S. edge of draw, bears N.  $60^{\circ}$  E. and S.  $60^{\circ}$  W.
- 4.00 Wash, course N.  $60^{\circ}$  E.
- 7.10 N. edge of draw, over bench, bears N.  $15^{\circ}$  E. and S.  $15^{\circ}$  W.
- 15.50 Road, bears N.  $15^{\circ}$  E. and S.  $15^{\circ}$  W.; desc. 30 ft. over N. slope.
- 28.00 Desc. 257 ft. over N. slope.
- 35.15 Wash, in canyon 20 lks wide, course E.; asc. 46 ft. over S. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.
- $\frac{1}{4}$
- S16 | S15
- 1955
- Asc. 18 ft. over S. slope.
- 41.20 Spur, slopes S.  $10^{\circ}$  E.; desc. 92 ft. over E. slope.
- 50.00 Spur, slopes E.; desc. 30 ft. to wash.
- 52.30 Wash, 10 lks. wide, 5 ft. deep, course S.  $15^{\circ}$  E.; asc. 230 ft. over SE. slope.
- 63.30 S. edge of plateau; thence desc. 26 ft. over gentle E. slope through heavy juniper.
- 70.00 Leave plateau; desc. 195 ft. over NE. slope.
- 80.00 Point for the cor. of secs. 9, 10, 15, and 16.

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

T35SR8E

S9 | S10

S16 | S15

1955

Subdivision, T. 35 S., R. 8 E.

Chains

from which

A pinon, 14 ins. diam., bears N. 25° W., 31 lks. dist., mkd. T35SR8ES9BT.

Land, broken with a series of canyons.  
Soil, rocky and sandy clay.  
Timber, dense juniper and pinon.  
Undergrowth, bunch grass, silver leaf and mountain rush.

N. 0° 02' W., between secs. 9 and 10.

Over mountainous land, through dense timber and medium dense undergrowth; desc. 130 ft. over rocky NW. slope.

- 4.60 Bottom of canyon, drains N. 60° E.; asc. 50 ft. over S. slope of canyon.
- 7.40 SE. rim of canyon, bears N.; asc. 8 ft. over E. slope.
- 17.40 Spur, slopes E.; desc. 36 ft. over N. slope.
- 29.00 Spur, slopes E.; desc. 90 ft. over N. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S9 | S10

1955

Small draw, drains E. 5 chs. to main canyon.

- 42.00 Asc. 30 ft. to spur, slopes E.; thence desc. 100 ft. over broken terrain.
- 58.10 E. edge of canyon, slopes W.; thence desc. 45 ft. along a W. slope.
- 68.15 S. rim of canyon, bears E. 2 chs.; thence N.; thence desc. 108 ft. over N. slope.
- 73.00 Wash, drains NE.
- 74.65 Narrow spur, projects SE, 1.50 chs. across the top; desc. 86 ft. over E. slope of spur.
- 80.00 Point for the cor. of secs. 3, 4, 9, and 10, which falls on steep E. slope, 1 ch. from bottom of canyon, bears NE. and SW.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR8E

S4 | S3  
S9 | S10

1955

from which

A pinon, 10 ins. diam., bears N. 35° E., 122 lks. dist., mkd. T35SR8ES3BT.

## Chains

A pinon, 14 ins. diam., bears S. 15° W., 23 lks. dist., mkd. T35SR8ES9BT.

Land, series of deep canyons.

Soil, rocky.

Timber, dense pinon and juniper.

Undergrowth, bunch grass, silver leaf, and mountain rush.

N. 0° 08' W., between secs. 3 and 4.

Over mountainous land, through dense timber and medium dense undergrowth.

Asc. 40 ft. over S. slope.

6.20 N. rim of canyon bears N.; thence desc. 45 ft. over broken N. slope; thence asc. 20 ft. over S. slope.

18.50 Rocky knoll; desc. 40 ft. over N. slope.

23.70 Bottom of canyon; drains E.; desc. 38 ft. over N. slope.

28.00 Bottom of main canyon, drains SE.; asc. 132 ft. over S. slope.

38.00 Spur, slopes W.; desc. 12 ft. over NW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S4 | S3

1955

On NW. slope 1.50 chs. S. of draw; drains SW.; head of draw 2 chs. NE.; desc. to small draw.

41.50 Bottom of draw, drains SW.; asc. 46 ft. through scattered juniper.

48.80 Road, bears NW. and SE.; asc. 40 ft. over SW. slope.

57.00 Spur, slopes S. 30° W.; desc. 8 ft. to small draw; thence asc. 40 ft. over N. slope.

62.10 Spur, slopes W.; thence desc. over N. slope.

64.80 Wash, 10 lks. wide, course W.; thence asc. N. slope 35 ft.

68.40 Road, at uranium mine, bears N. and S. from NW.

71.00 Uranium mine entrance, N. 89° W., 20 lks.; asc. 80 ft. over W. slope.

77.30 Mine entrance, 30 lks W., known as the "Rainy Day", leased and operated by the Rocky Mt. Mining Company; asc. W. slope 58 ft.

80.01 The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township, mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd., and witnessed as described in the field notes of T. 34 S., R. 8 E.

Subdivision, T. 35 S., R. 8 E.

Chains

Land, series of deep canyons.  
Soil, rocky.  
Timber, dense pinon and juniper.  
Undergrowth, bunch grass, silver leaf, and mountain rush.

Beginning at the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the township.

S. 89° 59' W., between secs. 1 and 12.

Over mountainous land, with scattered juniper and pinon and scant undergrowth.

6.00 Road, bears N. and S.

10.00 Wash, 150 lks. wide, 5 ft. deep, drains N.; asc. 150 ft. over white sandstone outcroppings.

21.30 Top of white sandstone ledge, slopes E.; continue over broken white sandstone.

29.50 Deep crevice, solid rock bottom, 20 lks. wide; asc. gradual E. slope.

34.40 Smooth white sandstone spur, projects N. 2 chs. to end; continue ascent of 60 ft.

36.50 Crevice, 6 ft. wide and 30 ft. long, bears N.; end of timber.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 12, falls on E. slope above crevice, 10 lks. wide, bearing N. and S.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with 3 in. stem, in a hole drilled in bare white sandstone, and mkd.

$\frac{1}{4}$   $\frac{S1}{S12}$

1955

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

Asc. 330 ft. over E. slope of white sandstone, through scattered blackbrush.

59.40 Spur, slopes S.; asc. 60 ft. over broken ground.

61.00 Draw, drains S.; junction of canyons 8 chs. S., draining E.

65.50 Oval shaped knoll of bare white sandstone; continue ascent.

67.00 Head of steep, narrow ravine, draining W. 100 ft. deep; asc. over small bluff.

80.00 True point for the cor. of secs. 1, 2, 11, and 12 falls on steep walls of sandstone; therefore at a point 3.00 chs. S.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 in. stem in a hole drilled into solid sandstone surface rock, with top mkd.

Chains

T35SR8E

$$\begin{array}{c} \uparrow \\ S2 | S1 \\ \hline S11 | S12 \\ WC \end{array}$$

1955

This witness cor. is located 2 chs. from S. rim of box canyon; no accessories available.

Land, rolling sandstone.  
Soil, rocky.  
Timber, scattered juniper.  
Undergrowth, scattered black brush.

Beginning at the true point for the cor. of secs. 1, 2, 11, and 12.

S. 89° 59' W., between secs. 2 and 11.

Over mountainous land, covered with dense juniper and pinon.

Desc. 75 ft. through narrow crevice of white sandstone.

10.00 Bottom of deep narrow crevice, 2 ft. wide, drains W.; continue descent of 200 ft.

19.00 Wash, 20 lks. wide, in the bottom of Muley Twist canyon, drains from N. to S.; asc. broken E. slope.

22.00 Rocky outcrop; continue ascent of steep E. slope.

40.00 At the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11, which falls on steep E. slope.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\frac{1}{4} \frac{S2}{S11}$$

1955

Asc. 250 ft. over steep E. slope.

52.00 Spur, projects NE.

52.55 Ledge, 20 ft. high, bears N.; continue ascent of 150 ft. over E. slope.

68.00 Rocky outcropping; desc. 55 ft. over broken sandstone.

69.60 Rim, bears SE.; 300 ft. high; desc. abruptly to bottom of ledge; desc. over broken W. slope.

80.00 Point for the cor. of secs. 2, 3, 10, and 11, which falls on W. slope of high rim.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with 3 ins. stem, in a hole drilled in a large red sandstone rock and mkd.

Subdivision, T. 35 S., R. 8 E.

Chains

T35SR8E

S3 | S2  
S10 | S11

1955

Land, sandstone ledges and broken Wingate formation.  
Soil, rocky.  
Timber, dense juniper and pinon.  
Undergrowth, mountain rush, thimble berry and black brush.

S. 89° 59' W., between secs. 3 and 10.

Over rocky SW. slope sparsely covered with pinon and juniper.

13.80 Spur, projects S. 15° E.; desc. 45 ft. over broken W. slope.

24.90 Road, bears N. 10° W. and S. 10° E.; continue over gradual sloping ground.

25.99 E. side of canyon, small knoll on rim, bears NW. and SE.; also triangulation point.

34.00 Desc. 84 ft. over broken W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 10.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in ground to solid rock, and in a mound of stone.

S3  
S10

1955

43.30 Bottom of canyon, course SE. 2 chs.; thence drains easterly; thence asc. 110 ft. over broken SE. slope.

49.00 Rocky spur, with broken ledges, projects S. for approximately 2 chs.; asc. 360 ft. over E. slope.

69.70 Shaly knoll, covered with bunch grass, bears NE. and SW.; thence desc. 150 ft. over broken W. slope.

78.80 Bottom of canyon, course from SW. to NE.; asc. 30 ft. along E. slope.

80.00 The cor. of secs. 3, 4, 9, and 10.

Land, broken, with series of canyon.  
Soil, rocky.  
Timber, scattered juniper and pinon.  
Undergrowth, bunch grass and mountain rush.

Beginning at the true point for the cor. of secs. 1, 2, 11, and 12.

Thence

N. 0° 02' W., between secs. 1 and 2.

Over bare sandstone cliffs and ridges, sparsely covered with black brush.

## Chains

- Along the E. face of the Waterpocket Fold; desc. 90 ft.
- 9.80 Draw, drains S. 10° E.
- 22.35 Deep crevice, drains E.; asc. 140 ft.; over a gradual SW. slope.
- 31.50 Top of bare sandstone knoll; desc. 140 ft. over a NW. slope.
- 40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 2, falls in an inaccessible deep crevice; therefore at a point 3.00 chs. E.
- Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 ins. stem, in a hole drilled in bare white sandstone and mkd.
- $\frac{1}{4}$
- S2 | S1
- WC
- 1955
- Raise a mound of stone,  $3\frac{1}{2}$  ft. base,  $2\frac{3}{4}$  ft. high, W. of witness cor.
- 52.40 Draw, drains E.; asc. 107 ft. over a SE. slope.
- 61.50 Sandstone spur, bears SE.; desc. 65 ft. over NW. slope.
- 69.60 Draw, drains E.; continue along a gradual SE. slope.
- 80.00 The cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the township mkd. by an iron post,  $2\frac{1}{2}$  ins. diam. conforming to the record of the survey of T. 34 S., R. 8 E.
- Land, sandstone cliffs and ridges.  
Soil, sandy.  
Timber, scattered juniper.  
Undergrowth, scant black brush.
- 
- Beginning at the cor. of secs. 2, 3, 10, and 11.
- Thence
- N. 0° 05' W., between secs. 2 and 3.
- Over mountainous land, through scattered juniper and pinon and sparse undergrowth.
- 7.00 Edge of cliff, faces S.; desc. 120 ft. over broken N. slope.
- 20.00 Draw, drains E.; continue over broken terrain.
- 30.80 Spur, projects E.; desc. 10 ft.
- 34.00 Draw, drains E.; asc. 20 ft. over S. slope.
- 38.60 Red sandstone knoll, 50 lks. in diam.; desc. over broken ground.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.
- Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., with a 3 ins. stem, in a hole drilled in bare sandstone and mkd.

Subdivision, T. 35 S., R. 8 E.

Chains

$\frac{1}{4}$

S3 | S2

1955

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.  
This cor. is situated on a small spur, projecting E.

Continue N. along broken E. slope of mesa top.

50.00 S. edge of draw; desc. 80 ft. over N. slope.

53.00 Bottom of draw, drains E.; asc. 120 ft. over S. slope.

66.00 N. edge of draw; continue along broken land.

72.00 W. edge of deep draw;

76.00 Bottom of draw, drains E.; asc. 120 ft. over steep S. slope.

80.00 The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township,  
mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record of  
the survey of T. 34 S., R. 8 E.

Land, sandstone cliffs and ridges.

Soil, sandy.

Timber, scattered juniper.

Undergrowth, scant black brush.

Beginning at the standard cor. of secs. 32 and 33, on the S. bdy.  
of the township.

Thence

N.  $0^{\circ} 03'$  W., between secs. 32 and 33.

Over mountainous land, through juniper, pinon, and undergrowth.

3.00 Wash, drains SW.; asc. 80 ft. over SE. slope.

10.20 N. rim of canyon; continue over broken land.

18.50 Bottom of canyon, course SW.

24.60 Top of spur, projects W. to end.

34.00 Bottom of draw, drains SW.

38.00 Wash, drains S.  $20^{\circ}$  W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

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

$\frac{1}{4}$

S32 | S33

1955

This cor. is located at the base of a ledge, at the  
head of a small draw.

Asc. 30 ft. over a SE. slope.

Grains

- 47.45 Top of spur, projects S. 20° W.; desc. 20 ft. over a NW. slope.
- 53.70 Bottom of canyon, drains SW. 30 lks. wide; asc. 20 ft. over a SW. slope.
- 70.20 Top of spur, projects W. to end; desc. 60 ft. over N. slope.
- 74.00 Wash, drains SW.
- 80.00 Point for the cor. of secs. 28, 29, 32, and 33.  
Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone to cap, with brass cap mkd.

T35SR8E  
S29 | S28  
S32 | S33

1955

Land, rolling.  
 Soil, rocky.  
 Timber, horse brush, mountain rush.  
 Undergrowth, gramma grass.

Beginning at the cor. of secs. 27, 28, 33, and 34.

Thence

N. 89° 56' W., between secs. 28 and 33.

Over mountainous land, through medium dense juniper, pinon, and scant undergrowth.

Desc. 200 ft. over a broken NW. slope.

- 17.40 Top of spur, projects NW.; desc. 90 ft. over a gradual SW. slope.

- 20.50 Wash, 20 lks. wide, 3 ft. deep, drains SW.; continue over broken land.

- 30.50 Same wash, drains NW.

- 40.02 Point for the sec. cor. of secs. 28 and 33.

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

+ S28  
   |  
   |  
 S33

1955

Asc. 40 ft. over E. slope.

- 40.00 Top of spur, projects N.; desc. 20 ft. over W. slope.

- 40.00 E. edge of canyon, 30 ft. deep, drains NW.

- 43.00 W. edge of canyon; continue over broken ground.

- 52.20 E. edge of canyon, 30 ft. deep, drains SW.

Subdivision, T. 35 S., R. 8 E.

Chains

- 60.20 W. edge of canyon; continue over broken E. slope.
- 75.20 Top of spur, projects S. to end; desc. 80 ft. over W. slope.
- 80.04 The cor. of secs. 28, 29, 32, and 33.

Land, mountainous.  
 Soil, rocky.  
 Timber, scattered juniper and pinon.  
 Undergrowth, horse brush, mountain rush, and gramma grass.

Beginning at the cor. of secs. 15, 16, 21, and 22.

West, between secs. 16 and 21.

Over mountainous land covered with dense juniper and pinon, with sparsly covered undergrowth.

- 4.30 Road, bears N. and S.; thence continue over rolling hills.
- 15.50 NE. rim of draw, bears SW.; thence desc. 90 ft. over W. slope.
- 23.00 Wash, course SW., 10 lks. wide; asc. 90 ft.
- 34.60 Spur, slopes S.; desc. W. slope.
- 38.00 Wash, course S., 8 lks. wide, heads 3 chs. N.; asc. S. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21, which falls on S. slope 2.50 chs. N. of wash.

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

$\frac{1}{4}$  S 16  
 S 21  
 1955

- 42.30 Spur, slopes S.  $15^\circ$  W.; desc. 208 ft., along SW. slope.
- 45.00 Bottom of draw, drains SW.; 15 lks. wide; thence asc. 195 ft.
- 53.00 Spur slopes S.  $15^\circ$  W.; thence continue over rolling (broken) land.
- 72.00 Spur, slopes S.  $15^\circ$  W.
- 80.00 Point for the cor. of secs. 16, 17, 20, and 21, which falls on SW. slope of spur 3 chs. S. of draw, course W.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR8E  
 S17 | S16  
 S20 | S21  
 1955

Land, broken.  
 Soil, rocky.  
 Timber, dense juniper and pinon.  
 Undergrowth, sparsly scattered mountain rush.

Chains

N. 0° 03' W., between secs. 16 and 17.

Over broken land covered with dense juniper and pinon.

3.00 Draw, drains SW.; asc. 41 ft.

4.30 Ridge, bears E. and W.; thence desc. 10 ft.

12.30 Draw, drains W., thence asc. 104 ft.

22.50 Spur, slopes W.; desc. 70 ft.

34.30 Wash, course S. 15° W., 10 lks. wide.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 17, which falls on W. slope of spur, bears S. 15° E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S17 | S16

41.50 Draw, drains S. 30° E., 8 lks wide, with sloping sides 40 ft. deep; asc. 150 ft. over SW. slope.

50.00 Mesa top, densely covered with juniper and pinon; continue over broken land.

58.00 Draw, drains W.

68.00 Road, bears N. 60° W. and S. 60° E.; continue through dense timber and broken land.

80.00 Point for the cor. of secs. 8, 9, 16, and 17, which falls on mesa top.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR8E

S8 | S9

S17 | S16

1955

Land, rolling and broken.

Soil, rocky and shaly.

Timber, dense juniper and pinon.

Undergrowth, sparsely scattered mountain rush and owimp.

Beginning at the cor. of secs. 9, 10, 15, and 16.

N. 89° 58' W., between secs. 9 and 16.

Over mountainous land, covered with dense timber and scant undergrowth.

Desc. 17 ft. along broken W. slope.

8.80 Wash, 10 lks. wide, 10 ft. deep, course NE.; continue over broken land.

Subdivision, T. 35 S., R. 8 E.

Chains

- 9.80 Crevice, 20 lks. wide, 200 ft. deep; thence asc. 120 ft.
- 11.50 Ridge, bears N. and S.; thence continue over broken land.
- 12.60 Draw, course S.; thence continue over broken land.
- 19.30 Spur, slopes S. 15° E.; thence asc. 187 ft.
- 34.00 Rim, 50 ft. high, forms an arc from N. to W.
- 38.40 Top of rim, bears N. 65° E. and S. 65° W., approximately 1.5 chs. wide, forms a saddle between 2 canyons.
- 40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.  
  
Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   $\frac{S9}{S16}$

1955

- 51.00 Wash, in bottom of canyon, course NE., 15 lks. wide, asc. 200 ft. over E. slope.
- 69.00 W. rim of canyon, bears NE. and southerly; thence continue over broken mesa top and through dense timber.
- 80.02 The cor. of secs. 8, 9, 16, and 17.  
  
Land, steep slopes and canyons.  
Soil, rocky outcroppings.  
Timber, dense juniper and pinon.  
Undergrowth, scattered mountain rush, silver leaf and owimp.

Beginning at the standard cor. of secs. 31 and 32 on the S. bdy. of the township.

N. 0° 03' W., between secs. 31 and 32.

Over mountainous land, through scattered juniper and scant undergrowth.

Asc. 25 ft. over SE. slope.

- 3.25 Top of spur, projects E.; desc. over broken ground.
- 12.60 Top of spur, bears SE.; desc. over broken ground.
- 17.30 Wash, 15 lks. wide, 10 ft. deep, course Se.; asc. 80 ft. over SW. slope.
- 37.00 Top of spur, bears SE.; desc. 15 ft. over broken NE. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32, falls on E. slope, 3 chs. from top of spur.  
  
Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

Chains

$\frac{1}{4}$

S31 | S32

1955

- 57.70 Asc. 80 ft. to top of spur, slopes SE.; desc. 40 ft. over a series of rocky outcroppings.
- 60.60 S. side of deep canyon, 40 ft. deep, drains SE., 8 chs. to N. bank asc. 40 ft. over broken SW. slope.
- 80.00 Point for the cor. of secs. 29, 30, 31, and 32, which falls on W. slope of spur, 3 chs. E. of canyon draining S.

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

T35SR8E

S30 | S29

S31 | S32

1955

from which

A pinon, 8 ins. diam., 1.63 lks. dist., bears S, 6° E., mkd. T35SR8ES32BT.

Land, broken.  
Soil, rocky.  
Timber, scattered juniper and pinon.  
Undergrowth, mountain rush and gramma grass.

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

N. 89° 55' W., between secs. 29 and 32.

Over mountainous land, through scattered timber and scant undergrowth.

In bottom of canyon, drains S.; asc. 85 ft. along gravelly NE. slope.

- 4.80 Top of ridge, bears S. 15° W. and N. 15° E.; desc. 40 ft. over rolling hills.

- 15.00 W. crest of spur, bears N. and S., desc. 80 ft. over W. slope.

- 18.60 Wash, course S.; asc. 160 ft. along broken SE. slope.

- 40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32, falls on E. slope 4.20 chs. W. of W. rim of canyon.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   $\frac{S29}{S32}$

1955

- 41.00 Ridge, bears N. and S.; desc. 160 ft. along NW. slope.
- 62.00 Wash, drains S. 20° W.; asc. 80 ft. over E. slope.
- 76.00 Spur, projects S., desc. 120 ft. over broken W. slope.

Subdivision, T. 35 S., R. 8 E.

Chains

80.02

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

Land, rolling.

Soil, rocky.

Timber, scattered juniper and pinon.

Undergrowth, horse brush, mountain rush, and gramma grass.

S. 89° 59' W., between secs. 30 and 31.

Over a series of outcropping ledges and through medium dense juniper and pinon.

Desc. gradual W. slope.

3.95

Wash, drains S., 15 lks. wide, with banks 6 ft. high; asc. 300 ft. over a broken E. slope.

20.60

Top of E. rim of Colt mesa, bears NW. and southerly; continue over broken mesa top.

39.90

Wash, course S. 20° W., 10 lks wide.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 30 and 31.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   $\frac{S30}{S31}$

1955

46.70

Wash, course S., 25 lks. wide; continue over broken mesa top.

65.90

Sandstone rim, bears N. and S.; continue over broken mesa top.

78.15

Top of small ridge, bears N. and S.; desc. 10 ft. over gentle W. slope.

79.87

The cor. of secs. 25, 30, 31, and 36, monumented on the E. bdy. of T. 35 S., R. 7 E., mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of T. 35 S., R. 7 E.

Land, broken mesa top.

Soil, rocky.

Timber, scattered juniper and pinon.

Undergrowth, horse brush, mountain rush, and gramma grass.

General Description

T. 35 S., R. 8 E., is located in the dry desert region, approximately 90 miles southeast of Escalante, Utah. There are many high mesas, broken away by erosion. Faulting has taken place in many areas. The drainage is in a southerly direction, eventually draining into the Colorado River.

The soil is loose sandy to rocky clay loam. The timber is mainly Utah juniper and stunted pinon pine. The undergrowth in the sandy part is principally gramma grass and in the clay areas, shadscale, rabbit brush, black brush, sagebrush, mountain rush and weeds.

Chains

a11245

There are no permanent habitations in the township. However, many prospectors have found impregnated areas of very low grade uranium ore and temporary camps have been constructed for mining during the summer months. The township has been overgrazed.

# Volume

# #

# R0543

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Principal Assistant
Lesley N. McCulley	Principal Assistant
Herman D. Christensen	Chainman
Joseph E. Hanson	Chainman
Vergean Porter	Flagman
Sherman B. Boyce	Flagman
Floyd S. Owens	Cornerman
Larry J. Porter	Cornerman
William D. Bowes	Axeman
Guy Pollock	Axeman
Eugene Gardiner	Axeman
Bobby L. Porter	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

We

X Fred R. Chappell and Robert K. Burgess, \_\_\_\_\_, HEREBY CERTIFY upon honor that

pursuance of special instructions bearing date of the 2nd day of March 1954,

<sup>We</sup>

X have surveyed those portions of the Seventh Standard Parallel South Through Range

8 East, the east boundary and portion of the subdivision of Township 35 South,

Range 8 East.

of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by me and under my direction; and that

said survey has been made in strict conformity with said instructions, the Manual of Instructions for

Survey of the Public Lands of the United States, and in the specific manner described in the foregoing

field notes.

Salt Lake City, Utah

January 19, 1956

*Fred R. Chappell*

Fred R. Chappell, Cartographic Surveyor

*Robert K. Burgess*

Robert K. Burgess, Cartographic Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUN 11 1956, 19

The foregoing field notes of the survey of the Seventh Standard Parallel South through

Range 8 East, the east boundary, and a portion of the subdivision of Township 35

South, Range 8 East, of the Salt Lake Meridian, Utah

executed by Fred R. Chappell and Robert K. Burgess

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

*Donald Clement*

Acting Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the

Survey of The Seventh Standard Parallel South

Through Range 9 East,

The East Boundary

and a

Portion of the Subdivision

of

Township 35 South, Range 9 East

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Fred R. Chappell, Cartographic Survey Aid

Robert K. Burgess, Cartographic Survey Aid

Under special instructions dated March 2, 1954, which provided  
for the surveys included under Group No. 388, approved April 6, 1954  
and assignment instructions dated March 30, 1955.

Survey commenced May 4, 1955

Survey completed May 23, 1955

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10-56770-1

Lines ruled in red were surveyed by Fred R. Chappell \_\_\_\_\_

Lines ruled in blue were surveyed by Robert K. Burgess \_\_\_\_\_

2446

Township 35 South, Range 9 East

Chains

The north and west boundaries of T. 35 S., R. 9 E. of the Salt Lake Meridian, Utah, are being surveyed under this Group and are described in the field notes of the survey of T. 34 S., R. 9 E., and T. 35 S., R. 8 E., respectively. The following field notes are those of a survey of the south boundary, or Seventh Standard Parallel South, the east boundary, and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate the development of the natural resources in T. 35 S., R. 9 E. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit number 26066 and W. and L. E. Gurley solar transit number 461263, both being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U.S. Coast and Geodetic Survey Station "Mesa" is as follows: Latitude 37°42'50" N. and Longitude 110°51'26" W. The mean magnetic declination was found to be 15°15' E.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

Survey of the 7th Standard Parallel South  
Through R. 9 E.

Beginning at the standard corner of T. 35 S., R. 8 and 9 E., mkd. by an iron post 2½ ins. in diam. conforming to the record of the survey of T. 35 S., R. 8 E.

Thence

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

## 7th Standard Parallel South Through R. 9 E.

Chains	Over broken mountain land; asc. 550 ft. over a W. slope over ledges
31.10	Sandstone ledge 250 ft. high bearing N. and S.; desc. 70 ft. over a broken E. slope of sandstone outcrops.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31. Cement a brass tablet $3\frac{1}{2}$ ins. diam., with a 3 in. stem in a hole drilled in solid sandstone and mkd.  <div style="text-align: center;">           SC  <math>\frac{1}{4}</math> S 31  <hr style="width: 50px; margin: 0 auto;"/>           1955         </div>
	Desc. 1060 ft. over broken sandstone outcrops.
80.00	Point for the standard cor. of secs. 31 and 32 falls in bottom of inaccessible box canyon.  Land, mountainous. Soil, rocky and sandy clay. Timber, scattered juniper and pinon. Undergrowth, bitter brush, grass, and weeds.
	Beginning at the true point for the standard cor. of secs. 31 and 32.  Thence  East, along the S. bdy. of sec. 32.  Over broken mountain land, asc. 110 ft. to top of sandstone cliff.
12.35	Cement a brass tablet $3\frac{1}{2}$ ins. diam., with a 3 in. stem in a hole drilled in solid sandstone and mkd.  <div style="text-align: center;">           T35SR9E            SC            WP  <math>\frac{1}{4}</math> S 32  <hr style="width: 50px; margin: 0 auto;"/>           1955         </div>
	Desc. 515 ft. over barren white sandstone sloping E.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32.  Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in ground to solid sandstone, and in a mound of stone, and mkd.  <div style="text-align: center;">           SC  <math>\frac{1}{4}</math> S 31  <hr style="width: 50px; margin: 0 auto;"/>           1955         </div>
	A cross (X) cut into solid sandstone, mkd. XBO, bears West, 10 lks. dist.
48.10	Sandstone rib bears N. and S.; desc. 145 ft.
53.50	Enter sandy bottom land.
60.00	Unimproved road, bears N. and S.
63.80	Wash, 1.00 chain wide, drains S.; asc. 300 ft. over steep ledgy W. slope.

7th Standard Parallel South Through R. 9 E.

Chains

80.00

Point for the standard sec. cor. of secs. 32 and 33 falls on inaccessible ledges.

Land mountainous.

Soil, rocky, sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, bitter brush, mountain rush, and grass.

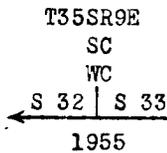
Beginning at the true point for the standard cor. of secs. 32 and 33.

Thence

East, along the S. bdy. of sec. 33 over broken mountain land; asc. 230 ft.

1.20

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, as the witness standard cor. of secs. 32 and 33, with brass cap mkd.



Deposit a sandstone rock, 4 x 4 x 2 ins., mkd. with a cross (X) at the base of the post.

Asc. 250 ft.

9.50

W. rim of Big Thompson Bench, bears N. and S.; desc. 90 ft.

27.50

Leave scattered timber; enter grassy flat.

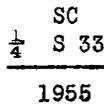
33.40

Unimproved road, bears N. 10° W. and S. 10° E.

40.00

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.



Deposit a sandstone rock, 4 x 4 x 2 ins., mkd. with a cross (X) at the base of the post.

Over rolling grass land.

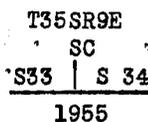
47.70

Wash, 5 lks. wide, drains SE.

80.00

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

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



7th Standard Parallel South Through R. 9 E.

Chains

Raise a mound of stone  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of post.

Land, mountainous first half mile, nearly level second half mile.  
Soil, rocky sandy clay.  
Timber, scattered juniper first half mile, no timber second half mile.  
Undergrowth, black brush, mountain rush, and grass.

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

Over nearly level grass land.

5.50 Wash, drains S.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 34.

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

SC  
 $\frac{1}{4}$  S 34  
-----  
1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

80.00 Point for the standard cor. of secs. 34 and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground, and in a mound of stone, with brass cap mkd.

T35SR9E  
SC  
S 34 | S 35  
-----  
1955

Deposit a sandstone rock, 3 x 3 x 2 ins., marked with a cross (X) at the base of the post.

Land, nearly level grass land.  
Soil, sandy clay.  
No timber.  
Undergrowth, black brush, mountain rush, and grass.

East, along the S. bdy. of sec. 35.

Over broken mountain land.

6.80 East edge of Big Thompson Bench; desc. 140 ft.

17.50 Wash, 5 lks. wide, drains N. 70° E.; asc. 100 ft.

21.80 Top of clay knoll; desc. 30 ft.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 35.

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

7th Standard Parallel South Through R. 9 E.

Chains

SC  
1/4 S 35  
1955

Raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, N. of the post.

50.00 Leave broken land enter grassy bench land; desc. 90 ft.

68.80 E. edge of bench; desc. 110 ft. over ledges.

74.60 Wash, 10 lks. wide, drains NE.; desc. 90 ft.

80.00 Point for the standard cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR911  
SC  
S 35 | S 36  
1955

Deposit a sandstone rock, 4 x 3 x 2 ins., marked with a cross (X) at the base of the post.

Land, mountainous.

Soil, rocky, sandy clay.

No timber.

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

East, along the S. bdy. of sec. 36.

Over broken mountain land; desc. 110 ft.

9.30 Wash, in bottom of clay canyon, 80 lks. wide, drains S.; asc. 100 ft. over W. slope.

27.80 Spur, projects N. 20° W.; desc. 60 ft.

35.10 Small wash, drains N. 20° W., 5 chs. then W. into main canyon.

39.90 Point for the witness standard 1/4 sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, end in a mound of stone, with brass cap mkd.

WC  
SC  
1/4 S 36  
1955

Deposit charcoal at base of iron post.

40.00 True point for the standard 1/4 sec. cor. of sec. 36 falls in wash, 5 ft. deep, 10 lks. wide, drains S.

Asc. 77 ft. over W. slope.

43.80 W. edge of sandy bench.

50.15 E. edge of sandy bench; desc. 70 ft.

## 7th Standard Parallel South Through R. 9 E.

Chains

54.60 Wash, 5 lks. wide, drains S.; asc. 273 ft.

30.00 Point for the standard cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone; with brass cap mkd.

SC	
T35S	
R9E	R10E
S36	S31
1955	

Deposit a sandstone rock, 3 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Land, mountainous.

Soil, rocky, sandy clay.

No timber.

Undergrowth, black brush, mountain rush, and grass.

East Boundary, T. 35 S., R. 9 E.

Beginning at the standard cor. of T. 35 S., Rs. 9 and 10 E.

Thence

North, between secs. 31 and 36.

Over broken mountain land; asc. 70 ft. along a S. 80° W. slope.

6.40 W. edge of mesa.

23.80 E. edge of mesa; desc. 185 ft. down a NE. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$	
S36	S31
1955	

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of post.

Over rolling land.

80.00 Point for the cor. of secs. 25, 30, 31, and 36.

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

T35S	
R9E	R10E
S25	S30
S36	S31
1955	

Deposit a sandstone rock, 4 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Land, mountainous.

Soil, rocky, sandy clay.

East Boundary, T. 35 S., R. 9 E.

Chains

No timber.  
Undergrowth, black brush, mountain rush, and grass.

North, between secs. 25 and 30.

Over mountain land; asc. 120 ft.

15.90 Clay spur projects E.; desc. 105 ft.

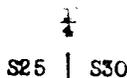
26.60 Wash, 5 lks. wide, drains E.; asc. 25 ft.

28.00 Clay spur, projects E.; desc. 53 ft.

29.20 Wash, 25 lks. wide, drains E.; asc. 102 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

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



1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

Asc. 40 ft.

42.50 Spur, projects N.  $80^\circ$  E.; desc. 370 ft.

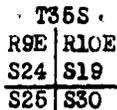
71.10 Wash, 10 lks. wide, drains N.  $80^\circ$  E. to junction of main wash draining E.; asc. 30 ft.

73.50 Small spur, projects E.; desc. 80 ft.

76.00 Main wash, drains E.; asc. 100 ft.

80.00 Point for the cor. of secs. 19, 24, 25, and 30.

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



1955

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

Land, mountainous.

Soil, rocky clay.

No timber.

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

North, between secs. 19 and 24.

Over mountainous land; asc. 110 ft. over a S. slope.

East Boundary, T. 35 S., R. 9 E.

Chains

9.40 Clay spur, projects S. 80° E.; desc. 230 ft. down a N. slope.

34.90 Deep narrow wash, drains N. 80° E.; asc. 20 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

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

$\frac{1}{4}$   
S24 | S19  
1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

Desc. 160 ft. down a N. slope.

61.00 Deep wash, 10 lks. wide, drains N. 80° E.; asc. 30 ft.

80.00 Point for the cor. of secs. 13, 18, 19, and 24 over a cross (X) cut in solid bedrock.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a mound of stone, 4 ft. base,  $2\frac{1}{2}$  ft. high, with brass cap mkd.

T35S  
R9E | R10E  
S13 | S18  
S24 | S19  
1955

Land, mountainous.  
Soil, caly, talus slopes.  
No timber.  
Undergrowth, sparse grass, black brush, and mountain rush.

North, between secs. 13 and 18.

Over mountainous land; desc. 40 ft. over N. slope.

7.50 Wash, 20 lks. wide, drains S. 80° E.; asc. 70 ft. over S. slope.

19.40 Top of island mesa; desc. 110 ft. down N. slope.

28.30 Draw, drains E.; asc. 40 ft. over S. slope.

35.00 Enter sandy bench land with sandstone outcroppings.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

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

$\frac{1}{4}$   
S13 | S18  
1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

East Boundary, T. 35 S., R. 9 E.

Chains

Desc. 60 ft.

65.40 Wash, 15 lks. wide, drains E.; asc. 30 ft.

80.00 Point for the cor. of secs. 7, 12, 13, and 18 over a cross (X) cut in solid bedrock.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., in a mound of stone, 3 1/2 ft. base, 2 ft. high, with brass cap mkd,

T35S	
R9E	R10E
S12	S7
S13	S18
1955	

Land, mountainous.  
Soil, rocky, sandy clay.  
No timber.  
Undergrowth, black brush, mountain rush, and sparse grass.

North, between secs. 7 and 12.

Over sandy land with sandstone outcroppings; desc. 70 ft.

6.00 Wash, drains N. 80° E.

17.39 Road Notom to Bullfrog Creek; desc. 20 ft.

30.80 S. edge of Butt Canyon, bears with canyon; desc. 50 ft.

31.70 Bottom of Butt Canyon, drains N. 75° E.; asc. 40 ft.

34.10 N. edge same canyon.

40.00 Point for the 1/4 sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, and in a mound of stone, with brass cap mkd.

1/4

S12 | S7

1955

Deposit charcoal at base of post.

54.50 Small wash, drains E.; desc. 50 ft.

70.70 Wash, 10 lks. wide, drains N. 70° E.; 2 1/2 chs. to junction with main wash; asc. 40 ft.

72.50 Rocky spur, projects N. 70° E.; 2 1/2 chs. to end; desc. 40 ft.

74.10 Muley Creek, dry, drains E.; asc. 30 ft.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

192

East Boundary, T. 35 S., R. 9 E.

Chains

T35S	
R9E	R10E
S1	S6
S12	S7

1955

Deposit broken glass at base of post.

Land, sandy bench land with sandstone outcroppings.  
Soil, sandy clay.  
No timber.  
Undergrowth, sparse grass and shadscale.

North, between secs. 1 and 6.

Over rolling mountainous land; desc. 20 ft.

20.00 Leave sandy land, enter barren gray clay.

39.80 Wash, 4 ft. deep, 5 lks. wide, drains S. 5° W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 6.

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

$\frac{1}{4}$

S1	S6
----	----

1955

Deposit broken glass at base of post.

Over a series of clay spurs and washes; asc. 110.

80.00 Point for the cor. of Ts. 34 and 35 S., Rs. 9 and 10 E.

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

T34S	
R9E	R10E
S36	S31
S1	S6

T35S

1955

Deposit broken glass at base of post.

Land, mountainous.  
Soil, sandy first  $\frac{1}{4}$  mile; clay the balance.  
No timber.  
Undergrowth, grass and shadscale.

Survey of a Portion of the Subdivision, T.35 S.,R.9 E.

Beginning at the standard cor. of secs. 35 and 36 on the S. bdy. of the township.

Subdivision, T. 35 S., R. 9 E.

Chains

Thence

N. 0° 01' W., between secs. 35 and 36.

Over mountainous land; desc. 30 ft. over SE. slope.

3.80 Wash, drains S. 15° E. in Clay Canyon.

17.80 Wash, drains S. 15° E.

37.70 Wash, drains W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

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

$\frac{1}{4}$

S35 | S36

1955

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

41.70 Wash, drains S. 20° W.

52.50 Wash, drains S. 20° W.

56.80 Rocky knoll; desc. 80 ft.

68.00 A swale, drains W.

75.90 Spur, projects W.; desc. 30 ft.

80.00 Point for the cor. of secs. 25, 26, 35, and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

T35SR9E

S26 | S25

S35 | S36

1955

Deposit a sandstone rock, 4 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Land, broken, mountainous.

Soil, rocky, sandy clay.

Timber, scattered juniper.

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

Beginning at the cor. of secs. 25, 30, 31, and 36 on the E. bdy. of the township.

Thence

N. 89° 57' W., between secs. 25 and 36.

## Subdivision, T. 35 S., R. 9 E.

## Chains

Over broken mountain land.

1.00 Wash, drains S. 15° E. for 30 lks., then E.; asc. 300 ft. over an E. slope.

18.50 E. rim of mesa bears N. and S.; desc. 20 ft.

39.99 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$  S 25  
S 36

1955

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Desc. 60 ft.

46.50 Draw, drains S. 15° W.; asc. 40 ft.

47.50 Rocky knoll; desc. 250 ft. over a gradual W. slope

79.98 The cor. of secs. 25, 26, 35, and 36.

Land, broken, mountainous.

Soil, rocky, sandy clay.

Timber, scattered juniper.

Undergrowth, black brush, mountain rush, sparse grass.

Beginning at the standard sec. cor. of secs. 33 and 34.

Thence

N. 0° 02' W., between secs. 33 and 34.

Over nearly level bench land.

19.00 Wash, drains SE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

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

$\frac{1}{4}$   
S33 | S34

1955

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

Over a series of small draws and sandy spurs.

80.00 Point for the cor. of secs. 27, 28, 33, and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

Subdivision, T. 35 S., R. 9 E.

Chains

T35SR9E

S28 | S27

S33 | S34

1955

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

Land, mountainous.

Soil, sandy loam.

No timber.

Undergrowth, black brush, mountain rush, dense grass.

N. 0° 02' W., between secs. 27 and 28.

Over rolling bench land, over a series of small spurs and draws putting to the E.

40.00 Point for the 1/4 sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to solid rock, and in a mound of stone, with brass cap mkd.

1/4

S28 | S27

1955

Deposit a sandstone rock, 4 x 4 x 2 ins. mkd. with a cross (X) at base of post.

42.50 Wash, drains E.; asc. 20 ft.

48.00 Spur, projects E.; desc. 50 ft.

79.10 Rim of cliff, bears E. and W.; desc. a N. slope.

80.00 Point for the cor. of secs. 21, 22, 27, and 28.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, with brass cap mkd.

T35SR9E

S21 | S22

S28 | S27

1955

Deposit a sandstone rock, 4 x 3 x 2 ins., mkd. with a cross (X) at base of post.

Land, rolling.

Soil, sandy.

Timber, scattered juniper.

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

N. 0° 02' W., between secs. 21 and 22.

Over rolling mountain land; desc. 90 ft. down a N. slope.

## Chains

- 12.90 Road, bears E. and W.
- 14.40 Wash, drains E., road crosses wash 2 chs. E. of line; asc. 160 ft. over a S. slope.
- 30.20 Rim of cliffs, bears E. and W.; desc. 60 ft. down a N. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground, and in a mound of stone, with brass cap mkd.

 $\frac{1}{4}$ 

S21 | S22

1955

Deposit a sandstone rock, 3 x 3 x  $1\frac{1}{2}$  ins. mkd. with a cross (X) at base of post.

Over a series of small spurs and washes putting to the E.

- 80.00 Point for the cor. of secs. 15, 16, 21, and 22.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

T35SR9E

S16 | S15

S21 | S22

1955

Deposit a sandstone rock, 4 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Land, rolling.  
Soil, sandy loam.  
Timber, scattered juniper.  
Undergrowth, medium-dense black brush, mountain rush, and grass.

N.  $0^{\circ} 02'$  W., between secs. 15 and 16.

Over rolling mountain land.

- 6.90 Road, Notom to Bullfrog, bears N.  $70^{\circ}$  E. and S.  $70^{\circ}$  W.; desc. 30 ft.
- 16.90 Wash, drains N.  $60^{\circ}$  E.; asc. 30 ft.
- 34.60 Spur, projects E.; desc. 10 ft.
- 38.80 Wash, drains E.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

 $\frac{1}{4}$ 

S16 | S15

1955

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of post.

Subdivision, T. 35 S., R. 9 E.

Chains

Over a series of small spurs and washes putting to the E.

59.00 Wash, drains E.

75.00 Blue clay spur, projects E.

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T35SR9E

S9 | S10

S16 | S15

1955

Deposit a sandstone rock, 3 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Land, rocky outcroppings in first half mile, barren clay the balance. Soil, sand and clay.

Timber, scattered juniper.

Undergrowth, shadscale, rabbit brush.

N. 0° 02' W., between secs. 9 and 10.

Over rolling clay land.

3.90 Wash, drains S. 60° E.

28.40 Wash, drains S. 15° E.

40.00 Point for the 1/4 sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

1/4

S9 | S10

1955

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of the post.

Asc. over clay spurs and draws.

52.90 Clay spur, projects E.; desc. 20 ft.

63.50 Wash, drains E.; asc. 40 ft.

67.20 Spur, projects E.; desc. 60 ft.

73.50 Wash, drains E.; asc. 60 ft.

80.00 Point for the cor. of secs. 3, 4, 9, and 10.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone to cap, with brass cap mkd.

T35SR9E

S4 | S3

S9 | S10

1955

## Chains

Deposit a sandstone rock, 3 x 3 x 2 ins. mkd. with a cross (X) at the base of the post.

Land, rolling bench land.

Soil, clay.

No timber.

Undergrowth, shadscale and rabbit brush.

N. 0° 08' E., between secs. 3 and 4.

Over broken mountain land; asc. 140 ft. over a steep S. slope.

2.20 Rim of ledges, 40 ft. high, bears E. and W.; desc. 40 ft. over N. slope.

15.40 Ledge faces N.; continue descent 200 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

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

$\frac{1}{4}$

S4 | S3

1955

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

Desc. 160 ft. over a N. slope.

49.30 Draw, drains N. 30° W.; asc. 80 ft.

53.90 Spur, projects N. 30° W.; desc. 160 ft.

64.80 Wash, drains N. 15° E.; asc. 20 ft.

68.00 Wash, drains NE.

70.60 Top of high clay knoll; desc. 60 ft. along a W. slope.

79.76 The cor. of secs. 3, 4, 33, and 34 on the N. bdy. of the township mkd. by a  $2\frac{1}{2}$  in. iron post, conforming to the record of the survey of T. 34 S., R. 9 E., concurrently surveyed.

Land, broken mountain land.

Soil, rocky clay.

No timber.

Undergrowth, shadscale bunch grass.

Beginning at the cor. of secs. 1, 6, 7, and 12 on the E. bdy. of the township.

Thence

N. 89° 53' W., between secs. 1 and 12.

Over rolling mountain land.

9.00 Small knoll; desc. 50 ft.

Subdivision, T. 35 S., R. 9 E.

Chains

14.00 E. rim of Muley Creek Canyon, bears NW. and SE.

16.50 Muley Creek, drains S.

28.40 W. rim of canyon.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 12 over a cross (X) out in solid bedrock.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., in a mound of stone 3 1/2 ft. base, 2 1/2 ft. high, with brass cap mkd.

1/4 S1/S12

1955

Desc. 60 ft. over W. slope.

73.40 Wash, drains S.

79.00 Wash, drains N. 15° E.

80.00 Point for the cor. of secs. 1, 2, 11, and 12.

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

T35SR9E

S2|S1  
S11|S12

1955

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of the post.

Land, rolling.

Soil, sandy with rock outcroppings.

No timber.

Undergrowth, dense black brush, gramma grass.

N. 89° 53' W., between secs. 2 and 11.

Over broken mountain land.

3.20 Spur, projects N.; desc. 100 ft.

8.60 Bottom of canyon, drains N. 10° E.; asc. 110 ft.

29.10 Spur, projects S. 60° E.; desc. 40 ft.

33.90 Draw, drains S, 60° E.; asc. 30 ft.

34.80 Spur, projects NE.; desc. 60 ft.

36.40 Draw, drains S.

40.00 Point for the 1/4 sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

1/4 S2/S11

1955

Chains

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

Asc. 50 ft.

42.50 Narrow ridge, bears NE. and SW.; desc. 50 ft.

53.90 Wash, drains N.  $60^\circ$  E.; asc. 247 ft.

61.80 High blue clay pinnacles; asc. 160 ft.

72.10 E. rim of bench, bears N. and S.

80.00 Point for the cor. of secs. 2, 3, 10, and 11.

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

T35SR9E  
 $\frac{S3}{S10} \frac{S2}{S11}$

1955

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

Land, broken high clay knolls and spurs.  
 Soil, clay.  
 No timber.  
 Undergrowth, sparse shadscale.

N.  $89^\circ 53'$  W., between secs. 3 and 10.

Over broken mountain land; asc. 60 ft.

13.80 Top of badly broken ledges; desc. 110 ft.

22.00 Meadow, 2 chs. wide, 6 chs. long, NE. and SW.; asc. 170 ft.

30.40 E. rim of mesa, bears N. and S.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   $\frac{S3}{S10}$   
 1955

Deposit a sandstone rock,  $3\frac{1}{2} \times 3 \times 2$  ins., mkd. with a cross (X) at the base of the post.

74.50 Top of mesa, desc. a NW. slopes 160 ft.

78.70 Wash, drains S.  $15^\circ$  W.

80.00 The cor. of secs. 3, 4, 9, and 10.

Land, broken mountain land.  
 Soil, rocky, sandy clay.  
 No timber.  
 Undergrowth, black brush, mountain rush, shadscale, gramma grass.

Subdivision, T. 35 S., R. 9 E.

Chains

40.00

Beginning at the cor. of secs. 1, 2, 11, and 12.

Thence

N. 0° 06' E., between secs. 1 and 2.

Over a series of washes and spurs putting to the E.

40.00

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S2 | S1

1955

Deposit a sandstone rock,  $3\frac{1}{2}$  x  $3\frac{1}{2}$  x  $1\frac{1}{2}$  ins., mkd. with a cross (X) at base of the post.

Over broken mountain land; desc. 20 ft.

48.00

Draw, drains E.; desc. 30 ft.

63.10

Rim of canyon, bears NE. and SW.; desc. 70 ft.

68.00

Wash, drains S. 20° E.

79.88

The cor. of secs. 1, 2, 35, and 36 on the N. bdy. of the township, mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record of the survey of T. 34 S., R. 9 E., concurrently surveyed.

Sand, rolling.

Soil, sandy loam.

No timber.

Undergrowth, sparse black brush and mountain rush

Beginning at the cor. of secs. 2, 3, 10, and 11.

Thence

N. 0° 05' E., between secs. 2 and 3.

Over broken mountain land; asc. 40 ft.

3.50

Ledge faces N.; desc. 280 ft.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, to solid rock, and in a mound of stone to cap, with brass cap mkd.

$\frac{1}{4}$

S3 | S2

1955

Deposit a sandstone rock, 3 x 3 x 1 ins., mkd. with a cross (X) at the base of the post.

Over a series of small draws and spurs.

Subdivision, T. 35 S., R. 9 E.

Chains

79.93

The cor. of secs. 2, 3, 34, and 35 on the N. bdy. of the township, mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record of the survey of T. 34 S., R. 9 E., concurrently surveyed.  
 Land, broken, mountainous.  
 Soil, clay.  
 No timber  
 Undergrowth, sparse shadscale.

Beginning at the standard cor. of secs. 32 and 33 on the S. bdy. of the township.

Thence

N.  $0^{\circ} 03' W.$ , between secs. 32 and 33.

Asc. along a steep W. slope over ledges; asc. 180 ft.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

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

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

1955

Deposit a sandstone rock, 3 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Continue asc. 160 ft.

50.00

W. rim of Big Thomson Bench; continue over a series of small spurs and washes.

66.00

Top of ledge facing SW.

80.00

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

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

T35SR9E  
 S29 | S28  
 S32 | S33

1955

Deposit a sandstone rock, 4 x 3 x  $1\frac{1}{2}$  ins., mkd. with a cross (X) at the base of the post.

Land, broken mountainous.  
 Soil, rocky clay.  
 Timber, juniper and pinon.  
 Undergrowth, medium dense black brush and grass.

Beginning at the cor. of secs. 27, 28, 33, and 34.

Thence

West, between secs. 28 and 33.

Subdivision of T. 35 S., R. 9 E.

Chains

Over gently rolling mountain land.

8.00

Small knoll

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 28 and 33.

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

$\frac{1}{4}$   $\frac{S28}{S33}$

1955

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the post.

59.90

Road, bears N. and S.

80.00

The cor. of secs. 28, 29, 32, and 33.

Land, rolling bench land.

Soil, sandy loam.

No timber.

Undergrowth, black brush, mountain rush, gramma grass.

Beginning at the corner of secs. 15, 16, 21, and 22.

Thence

West, between secs. 16 and 21.

Over rolling bench land, over a series of small spurs and washes putting to the SE.

8.00

Road, bears NE. and SW., Notom to Bullfrog Creek.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

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

$\frac{1}{4}$   $\frac{S16}{S21}$

1955

Deposit a sandstone rock, 3 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Asc. 90 ft. over gently rolling bench land facing NE.

80.00

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

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

T35SR9E  
 $\frac{S17}{S20} \frac{S16}{S21}$

1955

Deposit a sandstone rock, 4 x 3 x  $1\frac{1}{2}$  ins., mkd. with a cross (X) at the base of the post.

Chains

Land, rolling bench land.  
Soil, sandy loam.  
Timber, medium dense juniper.  
Undergrowth, black brush, mountain rush, bitter brush, and  
gramma grass.

N. 0°03' W., between secs. 16 and 17.

Over rolling mountain land with sandstone outcroppings, over a series of small washes and spurs, putting to the NE.; desc. 130 ft.

25.20 Wash, drains E.; asc. 90 ft.

39.00 Ledge faces S.

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

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

$\frac{1}{4}$

S17 | S16

1955

Deposit a sandstone rock, 3 x 3 x 2 ins., mkd. with a cross (X) at the base of the post.

Desc. 70 ft. over a series of small spurs and washes putting to the NE.

80.00 Point for the cor. of secs. 8, 9, 16, and 17.

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

T35SR9E

S8 | S9

S17 | S16

1955

Deposit a sandstone rock, 4 x 3 x  $1\frac{1}{2}$  ins., mkd. with a cross (X) at the base of the post.

Land, broken bench land.

Soil, clay with rock outcroppings.

Timber, medium dense juniper and pinon.

Undergrowth, dense black brush, bitter brush, and mountain rush.

Beginning at the cor. of secs. 9, 10, 15, and 16.

Thence

West, between secs. 9 and 16.

Asc. a gentle NE. slope, 20 ft. over a series of small spurs and washes.

40.03 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

Subdivision, T. 35 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

1/4 S9 / S16

1955

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

Desc. a gentle SW. slope.

40.40 Small wash, drains N. 20° E.; asc. 40 ft.

49.00 Spur, projects N. 30° E.; desc. 30 ft.

57.10 Small wash, drains N.; asc. 100 ft.

80.06 The cor. of secs. 8, 9, 16, and 17.

Land, broken bench land. Soil, sandy in the first half mile, clay in the balance. Timber, medium dense juniper in the first half mile, no timber in the balance. Undergrowth, dense black brush and shadscale.

Beginning at the standard cor. of secs. 31 and 32.

Thence

N. 0° 03' W., between secs. 31 and 32.

Over broken mountain land, along the E. slope of the Water Pocket Fold; desc. 40 ft.

1.50 Sandstone rim, bears E. and NW.; desc. 200 ft.

8.50 Draw, drains NE.; asc. 80 ft.

12.70 Spur, projects NE.; desc. 200 ft.

33.00 Draw, drains SE.; asc. 40 ft.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.

Cement a brass tablet 3 1/2 ins. diam., with a 3 in. stem in a hole drilled in solid sandstone and mkd.

1/4

S31 | S32

1955

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

Desc. 200 ft. over a NE. sandstone slope.

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

Cement a brass tablet 3 1/2 ins. in diam., with a 3 in. stem in a hole drilled in solid sandstone, and mkd.

Chains

T35SR9E

S30 | S29

S31 | S32

1955

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the post.

Land, broken, mountainous.  
Soil, barren sandstone.  
No timber.  
No undergrowth.

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

Thence.

West, between secs. 29 and 32.

Over broken mountain land; asc. 30 ft.

5.90 Ledge, faces W.; desc. 200 ft..

15.40 E. rim of Hall Creek Canyon, bears N. and S.; desc. 480 ft.

39.00 E. bank of Hall Creek, drains S.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   $\frac{S29}{S32}$

1955

42.00 Hall Creek, drains S.

43.10 W. bank of Hall Creek; asc. 360 ft. over barren sandstone E. slope of the Water Pocket Fold.

48.00 Road, bears NW. and SE.

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

Land, broken mountainous.  
Soil, sand and barren sandstone.  
Timber, scattered pinon in the first half mile, no timber in the balance.  
Undergrowth, blackbrush bitter brush, and rabbit brush.

General Description

The area covered by the partial survey is located in the arid region about 80 miles by road, southeast of Escalante, Utah. The land is mainly broken sandstone slopes, cut by numerous box canyons and gulches.

T. 35 S., R. 9 E.

The soil is a poor grade of sand and clay, and is very rocky. The only timber found is dwarf juniper and stunted pinon, and usable only for firewood. The undergrowth consists mainly of shadscale, rabbit brush, weeds, and grass. The drainage is south and southeast into the Colorado River. There are no permanent habitations in the township. A secondary road, leading from Notom to the Bullfrog crossing and thence around the S. side of the Henry Mountains, runs through the NE. part of the surveyed area. There is also an old road in both Hall Creek and Bullfrog Wash. The entire area has been and is now being prospected for fissionable ores.

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CERTIFICATE OF CADASTRAL ENGINEER

We I, Fred R. Chappell and Robert K. Burgess, HEREBY CERTIFY upon honor the

pursuance of special instructions bearing date of the 2nd day of March, 1954,

I have surveyed the Seventh Standard Parallel South through Range 9 East, the East Boundary, and a portion of the subdivision of Township 35 South, Range 9 East

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

Salt Lake City, Utah

January 19, 1956

Fred R. Chappell
Cartographic Survey Aid
Robert K. Burgess
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUN 11 1956, 19

The foregoing field notes of the survey of the Seventh Standard Parallel South through Range 9 East, the East Boundary, and a portion of the subdivision of Township 35 South, Range 9 East, Salt Lake Meridian, Utah.

executed by Fred R. Chappell and Robert K. Burgess

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

[Signature]
Acting Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the

Survey of the Seventh Standard Parallel South,

through Range 10 East;

Survey of the East Boundary

and

Portions of the Subdivision

of

Township 35 South, Range 10 East

Of the Salt Lake Meridian,

In the State of Utah

## EXECUTED BY

Robert C. Yundt, Cartographer-Cadastral

and

Fred R. Chappell, Cartographic Survey Aid

Under special instructions dated March 5, 1954, which provided  
for the surveys included under Group No. 389, approved April 6, 1954  
and assignment instructions dated May 25, 1955

Survey commenced May 27, 1955

Survey completed August 10, 1955

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2319

## Township 35 South, Range 10 East

## Chains

The north and west boundaries of T. 35 S., R. 10 E. of the Salt Lake Meridian, Utah are being surveyed concurrently and are described in the field notes of the survey of T. 35 S., R. 9 E. and T. 34 S., R. 10 E., respectively. The following field notes are those of a survey of the south boundary, or the Seventh Standard Parallel South, the east boundary, and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate the development of the natural resources. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit No. 26066 and W. and L. E. Gurley solar transit No. 461263, both being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey Station "Mesa", is as follows: Latitude  $37^{\circ} 42' 49.7''$  N., and Longitude  $110^{\circ} 44' 52''$  W. The mean magnetic declination was found to be  $15^{\circ} 15'$  E.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverse and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

Survey of the Seventh Standard Parallel South, through R. 10 E.

Beginning at the standard cor. of Ts. 35 S., Rs. 9 and 10 E., mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record of the survey of T. 35 S., R. 9 E.

Thence

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

Survey of the Seventh Standard Parallel South, through R. 10 E.

Chains

Over broken mountain land, through scant undergrowth, over W. slope; asc. 80 ft.

4.70 W. edge of mesa.

15.50 E. edge of mesa; desc. 340 ft. over an E. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 31.

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

S C  
 $\frac{1}{4}$  S 31

1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

Desc. 280 ft.

55.70 Draw, drains NE.; asc. 40 ft.

62.60 Small spur, projects NE.; desc. 220 ft. over an E. slope.

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

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

S C  
T35S R10E  
S31|S32  
1955

Deposit a sandstone rock, 3x3x2 ins., mkd. with with a cross (X) at the base of the post.

Land, rolling to broken desert.

Soil, sandy clay for first half mile; talus for the balance.

No timber.

Undergrowth, blackbrush, mountain rush, and medium dense gamma gra

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

Over broken desert land, through scant undergrowth; desc. 540 ft. over a ledgy E. slope.

29.20 Road, bears N. and S.

31.70 Wash in bottom of Bullfrog Canyon, a stream of alkaline water 4 ins. deep, 10 lks. wide, drains S.; asc. 240 ft. over a ledgy W. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 32.

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

S C  
 $\frac{1}{4}$  S 32

1955

Survey of the Seventh Standard Parallel South, through R. 10 E.

52.30	<p>Deposit a sandstone rock, 3x2x2 ins., mkd. with a cross (X) at the base of the post.</p> <p>Asc. 250 ft. over a ledgy W. slope.</p>
64.00	<p>Sandstone spur, point of bench projects S.; desc. 480 ft. down a ledgy SE. slope.</p> <p>Bottom of Fourmile Canyon, drains SW.; asc. 500 ft. over a ledgy NW. slope.</p>
80.00	<p>Point for the standard cor. of secs. 32 and 33, falls on inaccessible ledges.</p> <p>Land, broken desert. Soil, sandy clay and barren sandstone. No timber. Undergrowth, blackbrush and medium bunch grass.</p>
2.20	<p>From the true point for the standard cor. of secs. 32 and 33.</p> <p>Thence</p> <p>East, along the E. bdy. of sec. 33.</p> <p>Over broken desert land; asc. 100 ft. over ledges along a NW. slope.</p> <p>Point selected for the witness standard cor. of secs. 32 and 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, with brass cap mkd.</p> <div style="text-align: center;"> <p>S C T35S R10E WC ← <u>S32 S33</u> 1955</p> </div> <p>Asc. 60 ft.</p>
12.20	<p>Spur, projects NE.; desc. 80 ft. over clay badlands.</p>
36.80	<p>Wash, drains N.</p>
40.00	<p>Point for the standard ¼ sec. cor. of sec. 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S C ¼ S 33 1955</p> </div> <p>Deposit charcoal around the base of the post.</p>
52.60	<p>Wash, drains N.</p>
61.30	<p>Wash, drains N.</p>
70.80	<p>Wash, drains NW. from S. 10° W.</p>
78.20	<p>Wash, drains NW.</p>

## Survey of the Seventh Standard Parallel South, through R. 10 E.

Chains

80.00

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 16 ins. in the ground, with brass cap mkd.

S C  
T35S R10E  
S33|S34

1955

Deposit a sandstone rock,  $3 \times 3 \times 1\frac{1}{2}$  ins., mkd. with a cross (X) at the base of the post.

Land, clay badlands.

Soil, clay with sandstone boulders.

No timber.

Undergrowth, scant rabbit brush, blackbrush and grass.

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

Over a series of small spurs and washes.

11.40

Leave badlands, base of a W. talus slope; asc. 200 ft.

25.00

Rim of bench, bears N. and S.; enter nearly level bench land.

34.70

Wash, drains N.  $25^{\circ}$  W.

40.00

Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 34.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

S C  
 $\frac{1}{4}$  S 34

1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

49.00

Wash, drains NW.

70.70

Wash, drains N.  $70^{\circ}$  W.

80.00

Point for the standard cor. of secs. 34 and 35.

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

S C  
T35S R10E  
S34|S35

1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

Land, clay badlands to nearly level bench land.

Soil, clay to sandy loam.

No timber.

Undergrowth, blackbrush, rabbit brush, mountain rush and medium dense gamma grass.

## Survey of the Seventh Standard Parallel South, through R. 10 E.

## Chains

East, along the S. bdy. of sec. 35.

Over nearly level bench land.

16.80 Wash, drains N. 10° W.

22.90 Road, bears S. 10° E. and N. 10° W.

31.50 Wash, drains N.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

S C  
 $\frac{1}{4}$  S 35

1955

Raise a mound of stone, 2 ft. base, 2 ft. high, N. of the iron post.

40.20 Wash, 5 lks. wide, drains N.

66.10 Draw, drains N. 5° E.

75.80 Wash, drains N.

80.00 Point for the standard cor. of secs. 35 and 36.

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

S C  
T35S R10E  
S35 | S36

1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, N. of the post.

Land, nearly level bench land.

Soil, sandy loam with sandstone outcrops.

No timber.

Undergrowth, blackbrush, bitter brush, mountain rush and gamma grass.

East, along the S. bdy. of sec. 36.

Over broken desert land, through scant undergrowth.

.90 Top of N. side of gravel knoll; desc. 60 ft.

12.60 Wash, 10 ft. deep, 70 lks. wide, drains N. 30° W.

20.70 Small wash, 2 ft. deep, 10 lks. wide, drains N.

35.30 W. rim of canyon, bears NW. and SE. Enter broken land; desc. 130 ft. along a NE. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 36.

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

## Survey of the Seventh Standard Parallel South, through R. 10 E.

Chains

S C  
 $\frac{1}{4}$  S 36  
 1955

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

41.60 Wash, 50 lks. wide, drains N.; desc. 500 ft. over broken ledges into canyon bottom.

79.00 Bottom of canyon, Thompson Creek drains S. 5 chs., thence SE.

80.00 Point for the standard cor. of Ts. 35 S., Rs. 10 and 11 E.

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

S C  
 T35S  
 R10E R11E  
S36 | S31  
 1955

Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, N. of the post.

Land, rolling desert for the first half mile; balance broken. Soil, sandy with sandstone outcroppings.

No timber.

Undergrowth, blackbrush, bitter brush and medium dense grass in the first half mile.

Survey of the East Boundary of T. 35 S., R. 10 E.

Beginning at the standard cor. of Ts. 35 S., Rs. 10 and 11 E.

Thence

North, bet. secs. 31 and 36.

Over broken desert land.

6.00 Leave canyon bottom; asc. 270 ft. over a broken SW. slope.

23.50 Spur, projects W.

27.90 Top of steep slope; thence over broken bench.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
 S 36 | S 31  
 1955

Deposit a sandstone rock, 6x4x3 ins., mkd. with a cross (X) at the base of the post.

Asc. 40 ft.

Survey of the East Boundary of T. 35 S., R. 10 E.

Chains

- 43.20 Wash, 30 lks. wide, drains W.; asc. 140 ft.
- 60.70 Leave broken land; enter nearly level mesa.
- 80.00 Point for the cor. of secs. 25, 30, 31 and 36.  
Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, with brass cap mkd.

T35S  
R10E R11E  
S25 | S30  
S36 | S31  
1955

Land, broken desert.  
Soil, sandy clay.  
No timber.  
Undergrowth, blackbrush, mountain rush and scant grass.

North, bet. secs. 25 and 30.

Over broken desert land, through scant undergrowth.

- 2.00 N. edge of bench; desc. 340 ft. over N. slope.
- 21.20 Enter bench.
- 28.00 N. rim of bench, bears NE. and SW.; desc. 120 ft.
- 36.40 Wash, 30 lks. wide, drains E.
- 40.00 Point for the ¼ sec. cor. of secs. 25 and 30.  
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

¼  
S 25 | S 30  
1955

Raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of the post.

Asc. 90 ft. across broken land and talus and clay SW. slope.

- 66.00 Spur, projects W.; asc. 260 ft.
- 75.00 Rim of bench, bears N. 40° E. and S. 40° W.; enter flat bench land.
- 80.00 Point for the cor. of secs. 19, 24, 25 and 30.  
Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, with brass cap mkd.

T35S  
R10E R11E  
S24 | S19  
S25 | S30  
1955

Land, broken desert and bench land.  
Soil, sandy clay and talus slopes.  
No timber.  
Undergrowth, blackbrush, mountain rush and shadscale and medium grass.

## Survey of the East Boundary of T. 35 S., R. 10 E.

Chains

North, bet. secs. 19 and 24.

Over nearly level bench land, through scant undergrowth.

27.80

Rim of bench, bears NE. and SW.; desc. 260 ft. along a NW. slope.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ S\ 24\ | \ S\ 19 \\ 1955 \end{array}$$

Deposit a sandstone rock, 3x3x1 ins., mkd. with a cross (X) at the base of the post.

Asc. 40 ft.

42.20

Spur, projects E.; desc. 75 ft.

54.90

Wash, 20 lks. wide, drains SE.

63.40

Wash, 50 lks. wide, drains S. 30° E.; asc. 70 ft.

70.00

Clay spur, projects W.

78.80

Wash, 5 lks. wide, drains W. for 2.50 chs., thence NW.

80.00

Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.
$$\begin{array}{c} T35S \\ R10E\ R11E \\ \hline S13\ | \ S18 \\ S24\ | \ S19 \\ 1955 \end{array}$$
Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

Land, broken desert and bench land.

Soil, sandy loam to clay and talus.

No timber.

Undergrowth, blackbrush, mountain rush, shadscale and scant gra

North, bet. secs. 13 and 18.

Over broken desert and nearly level bench land, through scant undergrowth; asc. 40 ft.

1.00

Rim of bench, bears E. and W.

4.90

Gulch, 40 ft. deep, drains W.

12.90

Gulch, 40 ft. deep, drains W.

34.90

Wash, 3 lks. wide, drains S. 60° W.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Survey of the East Boundary of T. 35 S., R. 10 E.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

1/4  
S 13 | S 18  
1955

Across nearly level bench land.

80.00

Point for the cor. of secs. 7, 12, 13 and 18.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T35S  
R10E R11E  
S12 | S7  
S13 | S18  
1955

Raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, W. of the post.

Land, broken for first half mile; level bench land for the balance. Soil, sandy clay and sandy loam.

No timber.

Undergrowth, blackbrush, yellow brush, rabbit brush, mountain rush and medium dense grass.

North, bet. secs. 7 and 12.

Over desert bench land, through scant undergrowth.

1.80

Road, bears NE. and SW.

6.10

Landing strip, bears NE. and SW.

8.50

Road, bears NE. and SW.

24.00

Enter clay rolling land.

32.00

Road, bears N. 30° W. and S. 20° E.

33.80

Wash, 40 lks. wide, drains SE.

40.00

Point for the 1/4 sec. cor. of secs. 7 and 12.

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

1/4  
S 12 | S 7  
1955

Raise a mound of stone, 2 1/2 ft. base, 3 1/2 ft. high, W. of the post, and deposit broken glass at the base of the post.

41.50

Road, bears NE. and S. 30° W.; desc. 60 ft.

59.30

Wash, 20 lks. wide, drains E.

67.30

Wash, 10 lks. wide, drains SE.

Survey of the East Boundary of T. 35 S., R. 10 E.

Chains

77.90

Junction of two washes, drains SE. from N. and NW.

80.00

Point for the cor. of secs. 1, 6, 7 and 12.

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

T35S  
R10E R11E  
S1|S6  
S12|S7  
1955

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of the post, and deposit broken glass at the base.

Land, nearly level bench land for first half mile; rolling clay bad lands for the balance.

Soil, sandy loam to clay.

No timber.

Undergrowth, blackbrush, mountain rush and grass.

North, bet. secs. 1 and 6.

Over rolling clay badlands, through scant undergrowth.

3.00

Wash, course S. from NW.

14.70

Wash, 10 lks. wide, drains S. 30° E.; asc. 65 ft.

28.30

Spur, projects SE. from N. 60° W.; desc. 30 ft.

38.70

Wash, 20 lks. wide, drains SE.

40.00

Point for the ¼ sec. cor. of secs. 1 and 6, falls in bottom of wash, 40 lks. wide, draining SE.

40.50

On north bank of wash, point selected for the witness ¼ sec. cor. of secs. 1 and 6.

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

¼  
S 1 ↓ S 6  
W C  
1955

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of the post, and deposit broken glass at the base of the post.

59.50

Wash, 10 lks. wide, drains SE.; asc. 75 ft.

80.00

Point for the cor. of Ts. 34 and 35 S., Rs. 10 and 11 E.

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

T34S  
R10E R11E  
S36|S31  
S1|S6  
T35S  
1955

Survey of the East Boundary of T. 35 S., R. 10 E.

Chains

Raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, S. of the post, and deposit broken glass at the base of the post.

Cor. is located on spur projecting S.

Land, rolling desert.

Soil, clay and sandy clay.

No timber.

Undergrowth, scant blackbrush, mountain rush, shadscale and grass.

Survey of a Portion of the Subdivision of T. 35-S., R. 10 E.

Beginning at the standard cor. of secs. 35 and 36, on the S. bdy. of the township.

Thence

N.  $0^{\circ}$  01' W., bet. secs. 35 and 36.

Over broken desert land, through scant undergrowth; desc. 55 ft.

8.50 Rim of draw, bears SE. and NW.; desc. 210 ft.

26.40 Bottom of draw, drains S.  $30^{\circ}$  E.; asc. 170 ft.

32.70 N. rim of draw, bears N. and S.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

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

$\frac{1}{4}$   
 S 35 | S 36  
 1955

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

Desc. 60 ft.

61.40 Sandstone ledge facing N.; desc. 145 ft.

70.00 Wash, drains E.; asc. 30 ft.

74.60 Spur, projects E.; desc. 55 ft.

79.80 Wash, 6 ft. deep, 20 lks. wide, drains S.  $30^{\circ}$  E.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

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

T35S R10E  
 S26 | S25  
 S35 | S36  
 1955

Deposit a sandstone rock, 3x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert.

Soil, sandy clay, rocky.

No timber.

Undergrowth, dense blackbrush, scant mountain rush, bitter brush, rabbit brush and grass.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy of the township.

Thence

West, bet. secs. 25 and 36.

Over broken desert land, through scant undergrowth.

6.20 Ridge, bears NE. and SW.; desc. 85 ft.

33.50 E. rim of large draw, drains S.; desc. 100 ft.

37.50 Draw, drains S.; asc. 80 ft.

40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36, falls on face of inaccessible ledge.

41.50 N. rim of draw, bears N. and S.

41.56 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, and in a mound of stone, with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} \text{S 25} \\ \text{S 36} \end{array} \rightarrow \text{WC}$$

1955

Deposit a sandstone rock,  $3 \times 3 \times 1\frac{1}{2}$  ins., mkd. with a cross (X) at the base of the post.

Desc. 20 ft.

42.70 Ridge, bears SE. and NW.; desc. 75 ft.

70.40 Spur, projects S.  $30^\circ$  W.; desc. 115 ft.

76.00 Draw, drains S.

80.02 The cor. of secs. 25, 26, 35 and 36.

Land, broken desert.

Soil, sandy clay, rocky.

No timber.

Undergrowth, blackbrush, mountain rush and grass.

Beginning at the standard cor. of secs. 33 and 34, on the S. bdy of the township.

Thence

N.  $0^\circ 02'$  W., bet. secs. 33 and 34.

Over broken desert and bench land, through scant undergrowth; asc. 55 ft. over a S. slope.

3.20 Spur, projects W.; desc. 30 ft.

6.80 Draw, drains W.; asc. 125 ft. over a S. slope.

11.30 Rim of bench, bears E. and W.; enter flat bench land.

15.80 Rim of bench, bears E. and W.; desc. 170 ft. over a N. slope.

Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

29.50 Wash, 5 lks. wide, drains N.  $30^{\circ}$  W.; desc. 75 ft. over a N. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

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

$\frac{1}{4}$   
 S 33 | S 34  
 1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, W. of the post.

Desc. 100 ft. over a N. slope.

42.90 Bottom of Fourmile Canyon, drains S.; asc. 170 ft. over a S. slope.

59.30 Rim of bench, bears E. and W.; enter bench land. Desc. 40 ft.

72.30 S. rim of gulch, 40 ft. deep, drains W.

78.60 N. rim of gulch; continue over bench land.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35S R10E  
S28 | S27  
 S33 | S34  
 1955

Deposit a sandstone rock, 3x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert and bench land.

Soil, sandy clay and rocky.

No timber.

Undergrowth, scant blackbrush, mountain rush, shadscale and grass.

N.  $0^{\circ} 02'$  W., bet. secs. 27 and 28.

Over rolling desert land.

7.10 Road, Bullfrog to Hanksville, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.

13.20 Enter clay badlands.

38.10 Wash, 5 lks. wide, drains NW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
 S 28 | S 27  
 1955

Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

Deposit a sandstone rock, 3x2x1 ins., mkd. with a cross (X) at the base of the post.

80.00

Point for the cor. of secs. 21, 22, 27 and 28.

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

T35S R10E  
S21 | S22  
S28 | S27  
 1955

Deposit a sandstone rock, 4x3x1 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert.  
 Soil, sandy loam to clay.  
 No timber.  
 Undergrowth, scant shadscale, grass and weeds.

N. 0° 02' W., bet. secs. 21 and 22.

Over barren clay badlands; desc. 60 ft. over a N. slope.

15.00

Wash, 15 lks. wide, drains N. 10° W.; desc. 50 ft. over a N. slope

33.30

Recross wash at bend, drains NW., small wash entering from the E.

40.00

Point for the ¼ sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

¼  
 S 21 | S 22  
 1955

61.90

Wash, 12 lks. wide, drains N. 85° W.

68.80

Top of round clay knoll, 30 ft. in diam., 15 ft. high.

80.00

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

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

T35S R10E  
S16 | S15  
S21 | S22  
 1955

Deposit a shale rock, 6x4x1 ins., mkd. with a cross (X) at the base of the post.

Land, rolling clay badlands.  
 Soil, clay.  
 No timber.  
 Undergrowth, scant shadscale and weeds.

N. 0° 02' W., bet. secs. 15 and 16.

Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

## Chains

Over a series of barren clay spurs and washes.

30.50 Wash, 17 lks. wide, drains W.

33.30 W. slope of brown topped clay knoll.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
S 16 | S 15  
1955

Deposit a shale rock, 4x3x1 ins., mkd. with a cross (X) at the base of the post.

Asc. 320 ft. over a S. slope.

74.30 Knife edge clay spur, projects W.; desc. 235 ft. over a N. slope.

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

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

T35S R10E  
S9 | S10  
S16 | S15  
1955

Deposit a shale rock, 7x6x1 ins., mkd. with a cross (X) at the base of the post.

Land, rolling for the first half mile; broken for the balance.  
Soil, clay.

No timber.

Undergrowth, scant shadscale.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling clay badlands.

15.30 Spur, projects W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
S 9 | S 10  
1955

Deposit a sandstone rock, 6x4x3 ins., mkd. with a cross (X) at the base of the post.

42.00 Saleratus Creek, dry, 30 lks. wide, drains S. 35° W. from N. 10° E.

74.20 Recross creek, drains SE.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chairs

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone, with brass cap mkd.

T35S R10E  
S4 | S3  
S9 | S10  
1955

Deposit a sandstone rock, 3x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert land.

Soil, clay.

No timber.

Undergrowth, scant shadscale and weeds.

N. 0° 01' W., bet. secs. 3 and 4.

Over rolling and broken desert land.

.60 Saleratus Creek, dry, drains SW.

22.50 Recross creek, drains SE.

34.80 Recross creek, drains SW.; asc. 90 ft.

40.00 Point for the ¼ sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

4  
S 4 | S 3  
1955

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post, and raise a mound of stone, 2½ ft. base, 2½ ft. high, W. of the post.

Asc. 150 ft.

47.00 Spur, projects E.

55.00 Spur, projects E.; desc. 120 ft.

62.00 Draw, drains SE.; asc. 200 ft. over a ledgy SW. slope.

70.00 Sandstone spur, projects SE.; desc. 80 ft.

80.02 The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the township, mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, rolling for the first half mile; broken desert for the balance.  
Soil, sandy clay and sandstone ledges.

No timber.

Undergrowth, shadscale, blackbrush and scant grass.

Beginning at the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the township.

Thence

S. 89° 59' W., bet. secs. 1 and 12.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

Over broken desert land, through scant undergrowth; asc. 190 ft. over an E. slope.

30.00 Top of clay knoll; desc. 50 ft.

40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\frac{\frac{1}{4} \text{ S } 1}{\text{S } 12}$$

1955

Deposit a sandstone rock, 6x5x1 ins., mkd. with a cross (X) at the base of the post.

Asc. 300 ft. over an E. slope.

50.00 Rim of mesa, bears N. and S.; enter rolling land. Coal Bed Mesa.

80.02 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$$\begin{array}{c} \text{T35S R10E} \\ \text{S2|S1} \\ \hline \text{S11|S12} \\ 1955 \end{array}$$

Deposit a sandstone rock, 6x3x1 ins., mkd. with a cross (X) at the base of the post.

Land, broken and rolling.

Soil, sandy clay.

No timber.

Undergrowth, shadscale, blackbrush and grass.

S.  $89^{\circ} 59'$  W., bet. secs. 2 and 11.

Over nearly level bench land, through scant undergrowth.

40.01 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$$\frac{\frac{1}{4} \text{ S } 2}{\text{S } 11}$$

1955

Raise a mound of stone, 3 ft. base, 3 ft. high, N. of the post.

53.90 Draw, drains N.  $70^{\circ}$  W., 3 chs. to rim of mesa.

80.02 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 7 ins. in the ground, and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \text{T35S R10E} \\ \text{S3|S2} \\ \hline \text{S10|S11} \\ 1955 \end{array}$$

Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

Deposit a sandstone rock, 3x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, nearly level mesa top.  
Soil, sandy clay.  
No timber.  
Undergrowth, shadscale, mountain rush, yellow brush and sparse grass.

S. 89° 59' W., bet. secs. 3 and 10.

Over broken desert land, through scant undergrowth.

.20 Rim of mesa, sandstone cliffs 100 ft. high, bears S. 80° W. and N. 80° E.; desc. 270 ft. along a NW. slope.

40.01 Point for the 1/4 sec. cor. of secs. 3 and 10.

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

1/4 S 3  
S 10  
1955

Deposit a sandstone rock, 6x4x1 ins., mkd. with a cross (X) at the base of the post.

Desc. 40 ft.

47.80 Wash, drains S. 30° W.; asc. 160 ft.

62.50 Point of clay spur, projects S. 10° W.; desc. 200 ft.

80.02 The cor. of secs. 3, 4, 9 and 10.

Land, broken and clay badlands.  
Soil, sandy rocky clay to clay.  
No timber.  
Undergrowth, scant shadscale, grass and weeds.

Beginning at the cor. of secs. 1, 2, 11 and 12.

Thence

N. 0° 01' W., bet. secs. 1 and 2.

Over gently rolling mesa top, through scant undergrowth; desc. 40 ft.

7.80 Wash, 7 lks. wide, drains N. 70° W.

13.20 Wash, 10 lks. wide, drains N. 80° W.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

1/4 S 2 | S 1  
1955

Deposit a sandstone rock, 6x4x1 ins., mkd. with a cross (X) at the base of the post.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

75.90	Wash, 10 lks. wide, drains N. 75° W.
80.00	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the township, mkd. by a 2½ in. iron post, conforming to the record.  Land, rolling desert. Soil, sandy loam. No timber. Undergrowth, medium dense gamma grass, blackbrush and mountain rush.
	Beginning at the cor. of secs. 2, 3, 10 and 11.  Thence  North, bet. secs. 2 and 3.  Over broken desert land, through scant undergrowth.
.10	Rim of mesa, bears S. 80° W. and N. 80° E.; desc. 240 ft. over a ledgy N. slope.
12.00	Draw, drains S.; asc. 160 ft. over a ledgy S. slope.
15.00	S. rim of spur bench, bears E. and W.
21.70	N. rim of bench, bears E. and W.; desc. 240 ft. over a broken NW. slope.
36.50	Draw, drains SW.; asc. 160 ft. over a broken SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 2 and 3, falls on inaccessible ledges.  Asc. 120 ft.
43.80	N. rim of draw, bears NE. and SW.
44.00	Point selected for the witness ¼ sec. cor. of secs. 2 and 3.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.  ¼ S 3 ↓ S 2 W C 1955  Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.
53.70	N. rim of bench, bears S. 20° W. and N. 20° E.; desc. 80 ft.
68.30	Wash, 10 lks. wide, drains S. 60° W.; asc. 80 ft.
74.80	Spur, projects S. 60° W.; asc. 55 ft.
80.00	The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the township, mkd. by an iron post, conforming to the record.  Land, broken desert. Soil, clay, sandy clay and sandstone ledges. No timber. Undergrowth, sagebrush, mountain rush, shadscale, yellow brush and sparse grass.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains

From the true point for the standard cor. of secs. 32 and 33, on the S. bdy. of the township.

N.  $0^{\circ} 03'$  W., bet. secs. 32 and 33.

Over broken desert land, through scant undergrowth; desc. 240 ft. over a broken NW. slope.

11.50

Bottom of Fourmile Canyon, drains SW.; asc. 280 ft. over a broken SE. slope.

39.00

N. rim of Fourmile Canyon, bears NE. and SW.; enter rolling bench land.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S\ 32\ |\ S\ 33 \\ 1955 \end{array}$$

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

58.70

Wash, 17 lks. wide, drains N.  $15^{\circ}$  E.

70.20

Wash, 10 lks. wide, drains N.  $50^{\circ}$  E.

80.00

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, supported by a mound of stone,  $4\frac{1}{2}$  ft. base to cap, with brass cap mkd.

$$\begin{array}{c} T35S\ R10E \\ \hline S29\ | S28 \\ \hline S32\ | S33 \\ 1955 \end{array}$$

Land, broken for the first half mile; rolling desert for the balance.

Soil, sandy clay, rocky with barren sandstone outcroppings. No timber.

Undergrowth, yellow brush, blackbrush, mountain rush and scant grass.

Beginning at the cor. of secs. 27, 28, 33 and 34.

Thence

N.  $89^{\circ} 59'$  W., bet. secs. 28 and 33.

Over broken and gently rolling desert bench land.

5.40

Rim of gulch, bears E. and W.; desc. 135 ft.

9.30

Bottom of gulch, drains SW. into Fourmile Canyon; asc. 140 ft. over a SE. slope.

14.40

Rim of gulch, bears NE. and SW.; enter nearly level bench land.

40.03

Point for the  $\frac{1}{4}$  sec. cor. of secs. 28 and 33.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

## Chains

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

‡  $\frac{S\ 28}{S\ 33}$   
1955

47.90 Wash, 10 lks. wide, drains N. 30° W., 1.50 chs. to junction with wash from the SW.

50.10 Wash, 10 lks. wide, drains N. 10° E.

64.30 Wash, 13 lks. wide, drains N. 10° W.

74.80 Wash, 10 lks. wide, drains N. 10° E., wash heads 2 chs. SW.

80.06 The cor. of secs. 28, 29, 32 and 33.

Land, broken for first 14 chs.; nearly level bench land for the balance.

Soil, rocky, sandy loam with sandstone outcrops.

No timber.

Undergrowth, yellow brush, blackbrush, mountain rush, shadscale and scant grass.

Beginning at the cor. of secs. 15, 16, 21 and 22.

Thence

West, bet. secs. 16 and 21.

Over barren clay badlands; desc. 50 ft.

40.00 Point for the ¼ sec. cor. of secs. 16 and 21.

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

‡  $\frac{S\ 16}{S\ 21}$   
1955

Deposit a sandstone rock, 10x8x3 ins., mkd. with a cross (X) at the base of the post.

49.30 Wash, 12 lks. wide, drains S. 80° W.

62.70 Saleratus Creek, dry, drains S. 20° W.; asc. 80 ft.

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

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

T35S R10E  
 $\frac{S17|S16}{S20|S21}$   
1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, rolling clay badlands.

Soil, clay.

No timber.

Undergrowth, scant shadscale and weeds.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains	
	N. 0° 03' W., bet. secs. 16 and 17.
	Over rolling clay desert land; asc. 120 ft.
24.40	Spur, projects E.; desc. 100 ft.
32.30	Wash, 4 lks. wide, drains E.; asc. 65 ft.
38.00	W. edge of top of flat topped clay and gravel knoll; desc. 35 ft.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ S 17   S 16 1955
	Deposit a sandstone rock, 5x4x1 ins., mkd. with a cross (X) at the base of the post.
	Desc. 45 ft.
48.30	Wash, 3 lks. wide, drains S. 70° E.
77.60	Wash, 10 lks. wide, drains S. 20° E.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
	T35S R10E S8   S9 S17   S16 1955
	Deposit a sandstone rock, 8x6x1 ins., mkd. with a cross (X) at the base of the post.
	Land, rolling desert.
	Soil, clay and gravel.
	No timber.
	Undergrowth, shadscale, scant grass and weeds.
	Beginning at the cor. of secs. 9, 10, 15 and 16.
	Thence
	N. 89° 58' W., bet. secs. 9 and 16.
	Over clay badlands, through scant undergrowth; asc. 130 ft. over an E. slope.
6.10	Spur, projects N.; desc. 110 ft.
16.80	Draw, drains N.; asc. along a N. slope, 45 ft.
23.70	Spur, projects N.; thence along a steep N. slope.
32.80	Spur, projects N.; desc. 105 ft.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

## Chains

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

$$\frac{1}{4} \begin{array}{r} S 9 \\ S 16 \\ 1955 \end{array}$$

Deposit a sandstone rock, 6x4x1 ins., mkd. with a cross (X) at the base of the post.

Enter rolling land.

- 50.60 Saleratus Creek, dry, drains S.  $20^{\circ}$  W.; asc. 75 ft.
- 66.80 Gravel topped clay ridge, projects N. and S.; desc. 95 ft. over rolling clay land.
- 80.02 The cor. of secs. 8, 9, 16 and 17.
- Land, broken and rolling desert.  
Soil, clay and gravel.  
No timber.  
Undergrowth, scant shadscale, grass and weeds.

Beginning at the standard cor. of secs. 31 and 32, on the S. bdy. of the township.

Thence

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

Over broken ledgy desert land; desc. 400 ft. over a broken NE. slope.

- 9.00 Draw, drains E.; asc. 400 ft. over a broken SE. slope.
- 25.00 N. rim of draw, bears NE. and SW.; asc. 40 ft. along a broken E. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
- $$\frac{1}{4} \begin{array}{r} S 31 \quad | \quad S 32 \\ 1955 \end{array}$$
- Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.
- 40.50 Spur, projects N.  $70^{\circ}$  E.; desc. 100 ft.
- 43.00 Draw, drains N.  $70^{\circ}$  E.
- 49.50 Rim of ledges, 20 ft. high, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.; desc. 370 ft. over a NE. talus slope.
- 80.00 Point for the cor. of secs. 29, 30, 31 and 32.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

## Survey of a Portion of the Subdivision of T. 35 S., R. 10 E.

Chains	
	T35S R10E <u>S30 S29</u> <u>S31 S32</u> 1955
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of the post. Land, broken desert. Soil, sandy clay, rocky with sandstone ledges. No timber. Undergrowth, scant blackbrush, shadscale and grass.
	Beginning at the cor. of secs. 28, 29, 32 and 33. Thence West, bet. secs. 29 and 32. Over broken desert land, through scant undergrowth.
6.20	Wash, 7 lks. wide, drains N.; asc. 30 ft.
18.90	Head of draw, drains N. $20^{\circ}$ E.; asc. 40 ft.
31.00	Rim of bench, bears N. and S.; desc. 170 ft. over a W. slope.
40.03	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ <u>S 29</u> <u>S 32</u> 1955
	Desc. 60 ft. over a W. slope.
46.50	Small wash, drains N. $35^{\circ}$ W.
51.00	W. edge of small bench; desc. 355 ft. over a series of ledges facing W.
67.70	Base of steep slope; enter canyon bottom.
70.90	Road, bears N. $10^{\circ}$ E. and S. $10^{\circ}$ W.
75.30	Wash, 40 lks. wide, in bottom of Bull Frog Canyon, small stream of alkaline water in bottom of wash, drains S.
80.06	The cor. of secs. 29, 30, 31 and 32. Land, broken desert. Soil, sandy clay, sandstone boulders and sandstone ledges. No timber. Undergrowth, shadscale, blackbrush, yellow brush, mountain rush and scant grass.

## Township 35 South, Range 10 East

## General Description

The land in this township consists mainly of blue clay badlands with patches of sandy clay benches, cut by numerous steep sided canyons draining principally into Bull Frog Canyon. A strip along the east side drains into Hansen Creek. The soil is mainly a deep blue clay, but on some is a shallow sandy clay.

There are very widely scattered cottonwood trees on the canyon bottoms. The undergrowth consists of shadscale, bitter brush, blackbrush, yellow brush, mountain rush and gramma grass. The area is being over grazed and the cover is very scanty.

There are no habitations in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area.



CERTIFICATE OF CADASTRAL ENGINEER

We, Fred R. Chappell and Robert C. Yundt, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of March, 1956,

we have surveyed the Seventh Standard Parallel South through R. 10 E., the east boundary and portions of the subdivision of T. 35 S., R. 10 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 our 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 27, 1956

Fred R. Chappell
Cartographic Survey Aid
Robert C. Yundt
Cartographer, Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 6 1956, 19

The foregoing field notes of the survey of the Seventh Standard Parallel South through R. 10 E., the east boundary and portions of the subdivision of T. 35 S., R. 10 E., Salt Lake Meridian, Utah

executed by Fred R. Chappell and Robert C. Yundt

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

Carl G. Harrington
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

Survey of the Seventh Standard Parallel South in Range 11 East

The East Boundary, and Portions of the Subdivision

of

Township 35 South, Range 11 East

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Fred R. Chappell and Robert K. Burgess

Cartographic Survey Aids

Under special instructions dated March 5, 1954, 19, which provided

for the surveys included under Group No. 389-Utah, approved April 6, 1954

and assignment instructions dated May 25, 1955, 19

Survey commenced September 7, 1955, 19

Survey completed September 30, 1955, 19

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16-58770-1

Lines ruled in red were surveyed by Fred R. Chappell \_\_\_\_\_

Lines ruled in blue were surveyed by Robert K. Burgess \_\_\_\_\_

2452

T. 35 S., R. 11 E.

## Chains

The north and west boundaries of T. 35 S., R. 11 E., of the Salt Lake Meridian, Utah, are being surveyed concurrently under this group and are described in the field notes of the survey of T. 34 S., R. 11 E., and T. 35 S., R. 10 E., respectively. The following field notes are those of a survey of the south boundary, or the Seventh Standard Parallel South, the east boundary, and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate the development of the natural resources in T. 35 S., R. 11 E. The corners along the latitudinal lines were established on the true latitudinal curve and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with Buff and Buff solar transit number 26066 and W. and L. E. Gurley solar transit number 461263, both being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instruments have full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. Since the solar attachments were not used, no description of them will be included here. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through ties made to the U. S. Coast and Geodetic Survey station "Mesa" is as follows: Latitude  $37^{\circ} 42' 49.7''$  N. and Longitude  $110^{\circ} 38' 17.8''$  W. The mean magnetic declination was found to be  $15^{\circ} 15'$  East.

The directions of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

Measurements were made with steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. They were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

Survey of the Seventh Standard Parallel South in Range 11 East

Beginning at the standard cor. of Ts. 35 S., Rs. 10 and 11 E., mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., conforming to the record of the Survey of T. 35 S., R. 10 E.

Thence

East, along the south boundary of sec. 31.

Over broken desert land, through scant undergrowth; asc. 65 ft.

## Seventh Standard Parallel, South in Range 11 East

Chains

along a SW. slope.

4.50

Entrance to mine shaft, 15 ft. deep; asc. 295 ft. over a broken SW. slope.

40.00

Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 31.

Over a cross (X) cut in solid sandstone, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a mound of stone, 5 ft. base to cap, with brass cap mkd.

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

1955

43.80

High spur, projects SE.; desc. 500 ft. over a ledgy SE. slope.

68.00

Road, bears N. and S.

70.00

Bottom of Hansen Creek, drains S.; asc. 320 ft. over a ledgy W. slope.

80.00

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

T36SR11E  
S|C  
S31|S32

1955

Deposit a sandstone rock, 5x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert land.

Soil, sandy clay, sandstone ledges and boulders.

No timber.

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

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

Over broken desert land, through scant undergrowth.

Asc. 210 ft. over a W. slope.

16.90

Spur, projects SW.; asc. 115 ft. over a W. slope.

40.00

Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 32.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

SC  
 $\frac{1}{4}$  S32

1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $2\frac{1}{2}$  ft. high, N. of the post.

Asc. 50 ft.

53.50

Spur, projects S.; desc. 350 ft. over a broken E. slope.

Seventh Standard Parallel South in Range 11 East

Chains

65.80 Sandstone rim ledge, 100 ft. high, bears N. and S.; desc. 380 ft. over a ledgy E. slope.

80.00 Point for the standard cor. of secs. 32 and 33.

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

T35SR11E  
S|C  
S32 | S33

1955

Deposit a sandstone rock, 4 x 2 x 1 ins., mkd. with a cross (X) at the base of the post.

Land; broken desert land.

Soil, sandy clay, with sandstone ledges, outcroppings, and boulders. No timber,

Undergrowth, shadscale, yellow brush, mountain rush, and scant grass.

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

Over broken desert land, through scant undergrowth.

Desc. 85 ft. over an E. slope.

14.20 Road, bears N. and S.

15.40 Shitamaring Creek, dry, drains S.; asc. 200 ft. over a W. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 33.

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

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

1955

Deposit a sandstone rock, 3x2x1 ins., mkd. with a cross (X) at the base of the post.

Asc. 285 ft.

51.50 Top island mesa, bears N. 10° E. and S. 10° W., 1 ch. wide, cliffs 100 ft. high on the W. and E. sides; desc. 320 ft. over ledges and broken E. slope.

71.00 Draw, drains S.; asc. 50 ft. over a W. slope, enter sandy land.

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

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

T35SR11E  
S|C  
S33 | S34

1955

## Seventh Standard Parallel South In Range 11 East.

Chains

Raise a mound of stone, 3 ft. base, 3 ft. high, N. of th post.

Land, broken desert land.

Soil, sandy clay, sandstone ledges and outcroppings.

Timber, a few cottonwood trees in the bottom of Shitamaring Creek.

Undergrowth, mountain rush, black brush, and grass.

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

Over rolling desert land, through medium undergrowth.

Asc. 115 ft. along a sandy NW. slope.

18.50 Enter nearly level bench.

27.20 Wash, 14 lks. wide, drains S. 25° W.; asc. 100 ft.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 34.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

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

1955

Deposit charcoal around the base of the post.

Desc. 50 ft.

50.00 Sandstone draw, drains SW.; asc. 160 ft. along a NW. slope.

60.00 Point for the standard cor. of secs. 34 and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T35SR11E  
S | C  
S34 | S35

1955

Deposit charcoal around the base of the post.

Land, rolling desert land.

Soil, sandy.

No timber.

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

East, along the S. bdy. of sec. 35.

Over rolling desert land, through medium dense undergrowth.

Asc. 135 ft. along a NW. slope.

17.10 Top of sandstone outcrop, 18 ft. high, asc. 60 ft.

## Seventh Standard Parallel South In Range 11 East

## Chains

15.80 W. edge of bench, 1.60 chs. wide, bears N. 30° W. and S. 30° W.

17.40 E. edge of bench; desc. 235 ft. along a steep SE. slope.

30.30 Wash, 10 lks. wide, drains S.; asc. 200 ft.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 13 ins. in the ground, and in a mound of stone, with brass cap mkd.

SC  
 $\frac{1}{4}$  S35  
 1955

Deposit a sandstone rock, 5x3x2 ins., mkd. with a cross (X) at the base of the post.

Asc. 15 ft.

40.70 Top of sandstone knoll; desc. 140 ft. over an E. slope.

60.90 Wash, 12 lks. wide, drains S.; desc. 200 ft. over an E. slope.

66.90 Wash, 15 lks. wide, drains SW.; asc. 35 ft.

80.00 Point for the standard cor. of secs. 35 and 36.

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

T35SR11E  
 S | C  
S35 | S36

1955

Raise a mound of stone,  $2\frac{1}{2}$  ft. high, 3 ft. base, N. of the post.

Land, broken desert land.

Soil, sandy to sandy clay, with sandstone boulders and outcroppings.

No timber.

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

East, along the S. bdy. of sec. 36.

Over broken mountain desert land, through widely scattered juniper and pinon and scant undergrowth.

Desc. 80 ft.

19.00 Draw, drains SW.; asc. 360 ft. along a NW. slope.

33.50 White sandstone spur, projects N.; desc. 150 ft. along a NE. slope.

40.00 Point for the standard  $\frac{1}{4}$  sec. cor. of sec. 36.

Over a cross (X) cut in solid sandstone, set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., in a mound of stone, 5 ft. base to cap, with brass cap mkd.

Seventh Standard Parallel South in Range 11 East.

Chains

SC.  
S36

1955

Asc. 25 ft.

42.50 Small spur, projects N.

48.00 Leave sandstone, enter a sandy pocket; desc. 30 ft.

54.40 Wash, 10 lks. wide, drains S.; asc. 320 ft. over a W. slope.

59.60 Top of white sandstone spur, projects S. 15° W.; desc. 130 ft. along a broken S. slope.

60.00 Point for the standard cor. of Ts. 35 S., Rs. 11 and 12 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4½ ft. base to cap, with brass cap mkd.

T35S  
SC  
R11E | R12E  
S36 | S31

1955

Deposit a red sandstone rock, 20x10x3 ins., mkd. with a cross (X) at the base of the post.

Land, broken mountain land.

Soil, sandy, sandy clay, and barren sandstone.

Timber, widely scattered juniper and pinon.

Undergrowth, yellow brush, bitter brush, black brush, mountain rush, and grass.

Survey of the East Boundary, T. 35 S., R. 11 E.

Beginning at the standard cor. of Ts. 35 S., Rs. 11 and 12 E.

Thence

North, between secs. 31 and 36.

Over broken desert mountain land, through scattered juniper and pinon, medium undergrowth.

Asc. 295 ft. over a SE. slope.

61.30 Top large knoll; desc. 65 ft. along a NE. slope.

61.70 Head of gulch, drains SW.; asc. 90 ft. over a S. slope.

62.40 Spur, projects S. 50° W.; desc. 95 ft. along a W. slope.

67.30 A red sandstone draw, drains SW.; asc. 75 ft. along a SW. slope.

68.00 Point for the sec. cor. of secs. 31 and 36.

-7-

East Boundary, T. 35 S., R. 11 E.

## Chains

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S36 | S31

1955

Deposit a sandstone rock, 6x4x2 ins., mkd. with a cross (X) at the base of the post.

Asc. 400 ft. along a S.W. slope.

56.00 Knife edge spur cliff, 100 ft. high, projects S.W.; desc. 80 ft. along a broken W. slope.

80.00 Point for the cor. of secs. 25, 30, 31, and 36.

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

T35S

R11E | R12E

S25 | S30

S36 | S31

1955

Deposit a granite rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert mountain land, W. slope of Mt. Ellsworth. Soil, sandy clay, with sandstone outcroppings on the first  $\frac{1}{2}$  mile, clay loam with trachyte boulders and ledges on the balance. Timber, scattered juniper and pinon. Undergrowth, black brush, yellow brush, mountain rush, medium dense grass.

North, between secs. 25 and 30.

Over broken desert mountain land, through scattered juniper and pinon trees, and scant undergrowth.

Desc. 160 ft. along a broken W. slope.

18.00 Draw, drains S.E.; asc. 400 ft. over a S. slope.

29.00 Sandstone cliff, 75 ft. high, bears E. and W.; desc. 190 ft. along a broken W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

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

$\frac{1}{4}$

S25 | S30

1955

Deposit a sandstone rock, 4x3x1 ins., mkd. with a cross (X) at the base of the post.

Along a broken W. slope.

## Chains

- 47.60 Wash, 10 lks. wide, drains S. 70° W.
- 65.80 Draw, drains W.; asc. 85 ft.
- 70.30 Spur, projects W.; desc. 160 ft.
- 74.00 Draw, drains W.; asc. 110 ft. along a SW. talus slope.
- 80.00 Point for the cor. of secs. 19, 24, 25, and 30.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., on solid rock, and in a mound of stone, 5 ft. base to cap, with brass cap mkd.

T35S	
R11E	R12E
S24	S19
S25	S30

1955

Make a cross (X), 10 ins. long, on the S. face of a trachyte boulder, 10 lks. N. of the post.

Land, broken desert mountain land.

Soil, sandy clay loam, with sandstone boulders and outcroppings in the first  $\frac{1}{2}$  mile, trachyte and granite boulders and ledges in the balance.

Timber, scattered juniper and pinon.

Undergrowth, black brush, bitter brush, silverleaf, and grass.

North, bet. secs. 19 and 24.

Over broken mountain land, through scattered juniper and pinon trees and medium dense undergrowth.

Along a broken W. slope.

- 17.90 S. edge of sandstone draw, 200 ft. deep, drains W.
- 21.40 N. edge of draw; desc. 255 ft. along a broken W. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S24	S19
-----	-----

1955

A cross (X) cut in N. face of trachyte boulder, 8x8x10 ft., bears S. 5 lks. dist.

Desc. 200 ft. along a broken NW. slope.

- 61.20 Wash, 25 lks. wide, drains S. 65° W.; asc. 240 ft. over a SW. slope, over barren red sandstone and sandstone boulders.
- 76.40 Small bench top slopes changes to NW.
- 80.00 Point for the cor. of secs. 13, 18, 19, and 24.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the

East Boundary, T. 35 S., R. 11 E.

Chains

ground to solid rock, and in a mound of stone, with brass cap mkd.

T35S	
R11E	R12E
S13	S18
S24	S19

1955

Deposit a sandstone rock, 6x5x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert mountain land.

Soil, sandy clay, with sandstone and trachyte, outcroppings, ledges, and boulders.

Timber, scattered juniper and pinon.

Undergrowth, black brush, yellow brush, mountain rush, and scant grass.

North, bet. secs. 13 and 18.

Over broken desert mountain land, through scattered juniper and pinon.

Desc. along a NW. slope, over a series of small spurs and washes; desc. 30 ft.

6.00 Wash, drains N. 80° W.; desc. 60 ft.

11.70 Wash, drains N. 80° W.; desc. 30 ft.

17.80 Wash, drains N. 60° W.; desc. 75 ft.

24.80 Wash, drains N. 75° W.; desc. 60 ft.

30.50 Wash, drains N. 60° W.; desc. 90 ft.

37.40 Top of red sandstone cliff, 100 ft. high, faces N. 30° W.; desc. 175 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

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

$\frac{1}{4}$

S13	S18
-----	-----

1955

Deposit a sandstone rock, 12x10x6 ins., mkd. with a cross (X) at the base of the post.

Desc. 140 ft. along a W. slope.

47.50 Wash, 25 lks. wide, drains N. 70° W.; desc. 35 ft.

65.80 Wash, 10 lks. wide, drains N. 80° W.; asc. 120 ft. over a S. slope.

80.00 Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

Chains

T358	
R11E	R12E
S12	S7
S13	S18

1955

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of the post.

Land, broken desert mountain land.

Soil, sandy with sandstone boulders and sandstone outcrops.

Timber, a few scattered juniper and pinon.

Undergrowth, black brush, mountain rush, and medium dense grass.

North, bet. secs. 7 and 12.

Over broken desert land, through scattered juniper and pinon, and scattered undergrowth.

.20 Spur, projects W.; desc. along a W. slope.

3.80 Draw, drains W.; desc. 105 ft.

15.30 Sandstone ledge, 60 ft. high, 3 chs. long, bears E. and W.; desc. 265 ft. over a NW. slope.

26.40 Red sandstone draw, 10 lks. wide, 10 ft. deep, drains N. 55° W.; desc. 40 ft.

35.80 Draw, heads 3 chs. E.; drains N. 80° W.; asc. 55 ft. over a S. slope.

40.00 Point for the ¼ sec. cor. of secs. 7 and 12.

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

¼

S12	S7
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1955

Deposit a sandstone rock, 5x4x2 ins., mkd. with a cross (X) at the base of the post.

42.00 Spur, projects W.; desc. 105 ft. along a N. slope.

49.10 Wash, 25 lks. wide, drains N. 65° W.; asc. 100 ft. along a SW. slope.

60.50 Spur, projects S. 80° W.; desc. 65 ft. along a NW. slope.

64.40 Wash, 7 lks. wide, drains S. 70° W.; asc. 125 ft.

72.50 Spur, projects W.; desc. 45 ft.

74.90 Draw, drains NW.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

East Boundary, T. 35 S., R. 11 E.

Chains

T35S	
R11E	R12E
S1	S6
S12	S7

1955

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of the post.

Land, broken desert land.

Soil, sandy sandstone boulders and gravel.

Timber, scattered juniper and pinon.

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

North, bet. secs. 1 and 6.

Over rolling desert land, through scattered juniper and pinon, and medium dense undergrowth.

Desc. along a W. slope.

3.70 Draw, drains W.

16.50 Draw, drains NW.

29.00 Draw, drains W.

31.00 Red sandstone spur, projects W.

40.00 Point for the ¼ sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

¼

S1	S6
----	----

1955

Deposit a sandstone rock, 4x3x1 ins., mkd. with a cross (X) at the base of the post.

Asc. 80 ft. along a W. slope.

63.00 Wash, 10 lks. wide, drains W.

71.10 Dirt road, bears N. 70° E. and S. 70° W.; asc. 120 ft. over a ledgy S. slope.

80.00 Point for the cor. of Ts. 34 and 35 S., Rs. 11 and 12 E.

Over a cross (X) cut on solid sandstone, set an iron post, 30 ins. long, 2½ ins. diam., in a mound of stone, 5 ft. base to cap, with brass cap mkd.

T34S	
R11E	R12E
S36	S31
S1	S6

1955

Land, rolling desert land.

Soil, sandy sandstone rocks and gravel.

Timber, scattered juniper and pinon.

Undergrowth, black brush, yellow brush, mountain rush, and medium dense growth.

## Survey of the Subdivision of T. 35 S., R. 11 E.

Chains

Beginning at the standard cor. of secs. 35 and 36, on the S. bdy. of the township.

Thence.

N. 0° 01' W., bet. secs. 35 and 36.

Over desert mountain land, through widely scattered juniper, medium undergrowth; asc. a gentle S. slope.

6.60 Wash, 20 lks. wide, drains S. 80° W.

26.50 Wash, 20 lks. wide, drains S. 30° W.

29.30 Recross wash, drains S. 30° E.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S35 | S36

1955

Deposit a sandstone rock, 4x3x2 ins. mkd. with a cross (X) at the base of the post.

Asc. 20 ft. over S. slope.

43.00 Wash, 7 lks. wide, drains S. 80° W.; asc. 40 ft.

60.70 Wash, 10 lks. wide, drains SW.; asc. 130 ft. over ledge 80 ft. high, faces SE.

64.70 Top of red sandstone knoll; desc. 60 ft.

72.30 Red sandstone draw, drains S. 10° W.; asc. 150 ft. along a SE. slope.

80.00 Point for the cor. of secs. 25, 26, 35, and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground, and in a mound of stone, with brass cap mkd.

T35SR11E

S26 | S25

S35 | S36

1955

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

Land, desert mountain land.

Soil, sandy with sandstone boulders and sandstone outcroppings.

Timber, widely scattered juniper.

Undergrowth, blackbrush, yellow brush, mountain rush, and scant grass.

## Subdivision, T. 35 S., R. 11 E.

## Chains

Beginning at the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township.

Thence

West, bet. secs. 25 and 36.

Over desert mountain land, through medium dense juniper and pinon, and medium dense undergrowth.

Desc. 470 ft. over a boulder covered W. slope.

26.70 Draw, drains SW.; desc. 160 ft.

40.03 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 3 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

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

1955

Cut a cross (X) on the S. face of a sandstone boulder, bears North 3 lks. dist.

43.00 Draw, drains SW.; asc. 165 ft. over sandstone ledges facing E.

48.90 E. edge of bench knoll.

56.90 W. edge of bench; desc. 500 ft. over a W. slope.

77.40 Draw, drains S.  $10^\circ$  W.; asc. 80 ft. over an E. slope.

80.06 The cor. of secs. 25, 26, 35, and 36.

Land, desert mountain land.

Soil, sandy clay, with sandstone boulders and outcroppings.

Timber, medium dense juniper and pinon the first  $\frac{1}{2}$  mile; scattered juniper the balance.

Undergrowth, black brush, yellow brush, bitter brush, scant grass.

Beginning at the standard cor. of secs. 33 and 34, on the S. bdy. of the township.

Thence

N.  $0^\circ 02'$  W., bet. secs. 33 and 34.

Over rolling desert land, through scant undergrowth.

10.70 Wash, 40 lks. wide, 4 ft. deep, drains W.; asc. 90 ft. along a W. slope.

24.50 W. slope of sandstone knoll; desc. 60 ft.

36.70 SW. rim of cove ledge, 60 ft. high, faces NE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

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

Chains

 $\frac{1}{4}$ .

S33 | S34

1955

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

From the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, Lost Springs bears easterly about 3 chs. dist.

41.00 Road, bears W. and E. for 3 chs.; thence N. 3 chs.; thence E.

48.70 Lost Spring Wash, drains W.; asc. 480 ft. over a ledgy S. slope.

75.00 Rim top of ledge, 100 ft. high, bears E. and W.

80.00 Point for the cor. of secs. 27, 28, 33, and 34.

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

T35SR11

S28 | S27

S33 | S34

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land; rolling sand ridges, the first  $\frac{1}{2}$  mile; broken desert land the balance.

Soil, sand to sandy clay with sandstone boulders and ledges. No timber.

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

N.  $0^{\circ} 02'$  W., bet. secs. 27 and 28.

Over broken desert land, through scattered juniper and scant undergrowth.

Desc. 160 ft. along a NW. slope.

24.00 Draw, drains SW.; heads 5 chs. E.; asc. 160 ft. over a S. slope.

27.00 Spur, projects W.; desc. 80 ft. over a NW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

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

 $\frac{1}{4}$ 

S28 | S27

1955

Deposit a sandstone rock, 5x4x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 320 ft. over a broken N. slope, into large draw.

Subdivision, T. 35 S., R. 11 E.

Chains

55.00 Draw, drains W.; asc. 500 ft. over a broken S. slope.

80.00 Point for the cor. of secs. 21, 22, 27, and 28.

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

T35SR11E  
S21 | S22  
S28 | S27

1955

Deposit a sandstone rock, 4x4x3 ins., mkd. with a cross (X) at the base of the post.

Cor. is on spur projecting W.

Land, broken desert land.

Soil, sandy loam, rocky with sandstone ledges.

Timber, scattered juniper.

Undergrowth, medium dense black brush, bitter brush, mountain rush, and grass.

N. 0° 02' W., bet. secs. 21 and 22.

Over broken desert land, through scattered juniper and pinon and scant undergrowth.

Desc. 480 ft. over a broken N. slope.

26.70 Draw, drains W.; asc. 400 ft. over a S. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long,  $\frac{1}{4}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$

S21 | S22

1955

Deposit a sandstone rock, 3x3x2 ins., mkd. with a cross (X) at the base of the post.

40.10 Drain, 4 ft. deep, 20 lks. wide, drains W.; asc. 60 ft.

48.60 Spur, projects W.; desc. 90 ft. along a NW. slope.

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

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to cap, with brass cap mkd.

T35SR11E  
S16 | S15  
S21 | S22

1955

Deposit a sandstone rock, 5x4x2 ins., mkd. with a cross (X) at the base of the post.

Chains

S11

Land, broken and rolling desert land.  
 Soil, sandy with sandstone outcrops, ledges and boulders.  
 Timber, widely scattered juniper and pinon.  
 Undergrowth, scant black brush, mountain rush, and grass.

N. 0° 02' W., bet. secs. 15 and 16.

Over broken desert land, through scattered juniper and pinon and scant undergrowth.

- 3.00 Small draw, drains NW.; desc. 200 ft. over a broken NW. slope.
- 19.30 Draw, drains SW.; asc. 360 ft. over a broken S. slope.
- 32.50 Top of knoll; desc. 170 ft. over a N. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

 $\frac{1}{4}$ 

S16 | S15

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

- 47.90 Head of draw, drains N. 20° W.; continue slight descent.
- 59.70 Spur, projects W.; desc. 40 ft.
- 62.30 Rim, bears E. and SW.; desc. 200 ft. over a broken N. slope.
- 64.80 Shitamaring Creek, dry, drains SE.; asc. 160 ft. over a broken S. slope.
- 72.40 Spur, projects E.; desc. 85 ft. along a broken E. slope.
- 80.00 Point for the cor. of secs. 9, 10, 15, and 16.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR11E

S9	S10
S16	S15

1955

Deposit a sandstone rock, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

Iron post is set 10 lks. W. of canyon rim that faces E.

Land, broken desert land.  
 Soil, sandy clay, with sandstone boulders and ledges.  
 Timber, widely scattered juniper and pinon.  
 Undergrowth, scant black brush, mountain rush, and grass.

## Subdivision, T. 35 S., R. 11 E.

## Chains

N. 0° 02' W., bet. secs. 9 and 10.

Over broken and rolling desert land, through scattered juniper, and pinon and scant undergrowth.

Asc. 110 ft. along a SE. slope.

17.80 Spur, projects S. 20° W.; desc. 20 ft.

25.75 Road, bears E. and W.; asc. 40 ft.

36.80 Road, bears N. 20° W. and S. 20° E.

37.80 Wash, 15 lks. wide, and 5 ft. deep, drains S. 20° W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

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

$\frac{1}{4}$

S9 | S10

1955

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

Asc. 85 ft.

49.90 Spur, projects SE.; desc. 50 ft.

60.40 Draw, drains S. 40° E.; asc. 150 ft.

70.50 Ridge, bears NE. and SW.; desc. 115 ft.

79.00 Draw, drains SW.

80.00 Point for the cor. of secs. 3, 4, 9, and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR11E

S4 | S3

S9 | S10

1955

Deposit a sandstone rock, 5x4x3 ins., mkd, with a cross (X) at the base of the post.

Land, rolling and broken desert land.

Soil, sandy with sandstone boulders and outcroppings.

Timber, scattered juniper and pinon.

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

N. 0° 19' E., bet. secs. 3 and 4.

Over broken desert land, through medium dense undergrowth.

Asc. 285 ft. over a broken S. changing to E. slope.

## Chains

13.00 E. slope of gray knoll; desc. 150 ft. along an E. slope.

30.00 Draw, drains SE.; asc. 225 ft. over a S. slope.

47.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

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

$\frac{1}{4}$

S4 | S3

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Iron post is set on top of flat topped knoll, 1 ch. wide.

Desc. 85 ft. over a N. slope.

56.50 Draw, drains E.; asc. 120 ft. along a W. slope.

67.80 W. slope of knoll; desc. 55 ft. along a W. slope.

80.30 The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the township, a  $2\frac{1}{2}$  in. iron post conforming to the record.

Land, broken desert land.

Soil, sandy clay, with sandstone boulders and ledges.

No timber.

Undergrowth, black brush, mountain rush, and grass.

Beginning at the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the township.

Thence

N. 89° 59' W., bet. secs. 1 and 12.

Over rolling desert land, through scattered juniper and medium dense undergrowth.

7.70 Wash, 15 lks. wide, drains NW.; desc. 180 ft. over a W. slope.

25.90 Wash, 10 lks. wide, 3 ft. deep, drains N.; asc. 65 ft.

37.70 Road, bears NE. and SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 1 and 12.

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

$\frac{1}{4}$   $\frac{S1}{S12}$

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 70 ft.

59.00 Road, bears N. and S.

Subdivision, T. 35 S., R. 11 E.

Chains

65.40 Road, bears N. 10° E. and S. 10° W.; desc. 65 ft. along a NW. slope.

80.00 Point for the cor. of secs. 1, 2, 11, and 12.

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

T35SR11E

S2	S1
S11	S12

1955

Deposit a sandstone rock, 5x3x2, ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert land.

Soil, sandy clay rocky.

Timber, scattered juniper.

Undergrowth, dense black brush and grass.

N. 89° 59' W., bet. secs. 2 and 11.

Over rolling desert land, through widely scattered juniper and medium dense undergrowth.

Desc. 30 ft. over a W. slope.

6.00 Bulldozed road, bears S. 70° E. and N. 70° W.

24.00 Wash, 20 lks. wide, 3 ft. deep, drains S. 40° W.; desc. 60 ft.

27.20 Spur, projects S. 35° W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.

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

$\frac{1}{4}$	S2
	S11

1955

Deposit a sandstone rock, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

Desc. 40 ft. over a W. slope.

48.70 Wash, 20 lks. wide, 4 ft. deep, drains S. 40° W.; asc. 80 ft. over an E. slope.

59.60 Spur, projects S.; desc. 90 ft. over a W. slope.

80.00 Point for the cor. of secs. 2, 3, 10, and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR11E

S3	S2
S10	S11

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

## Subdivision, T. 35 S., R. 11 E.

Chains	<p>Land, rolling desert land. Soil, sandy clay, rocky. Timber, scattered juniper. Undergrowth, dense black brush, scattered mountain rush, and scant grass.</p>
	<p>N. 89° 59' W., bet. secs. 3 and 10. Through scattered undergrowth. Desc. 160 ft. over a W. slope.</p>
24.20	Wash, 20 lks. wide, 3 ft. deep, drains S.; asc. 170 ft. along a SE. slope.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 3 and 10. Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\frac{\frac{1}{4}}{S3}</math> <math display="block">\frac{S10}{1955}</math> </div>
	<p>Deposit a sandstone rock, 4x4x3 ins., mkd. with a cross (X) at the base of the post. Asc. 30 ft. along a S. slope.</p>
42.00	S. slope of knoll; desc. 135 ft. over a W. slope.
52.00	Draw, drains S.; asc. 50 ft.
58.00	Spur, projects S.; desc. 50 ft.
63.60	Wash, 51 lks. wide, 5 ft. deep, drains SE.; asc. 70 ft.
72.00	N. slope of knoll; desc. 45 ft.
80.00	The cor. of secs. 3, 4, 9, and 10
	<p>Land, rolling desert land. Soil, sandy loam with sandstone outcroppings and boulders. Timber, scattered juniper in the first <math>\frac{1}{2}</math> mile; no timber in balance. Undergrowth, dense black brush, scattered mountain rush and grass.</p>
	<p>Beginning at the cor. of secs. 1, 2, 11, and 12. Thence N. 0° 02' W., bet. secs. 1 and 2. Over rolling desert land, through scattered juniper and medium dense undergrowth. Asc. 25 ft.</p>
5.00	Spur, projects W.; desc. 105 ft. along a NW. slope.
22.70	Wash, 20 lks. wide, 3 ft. deep, drains W. Road in bottom of wash at this point leaves wash to S. bank and then bears W.; asc. 40 ft. over a SE. slope.

Subdivision, T. 35 S., R. 11 E.

Chains	
32.70	Spur, projects SW.
39.90	Wash, 15 lks. wide, 2 ft. deep, drains W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	$\frac{1}{4}$ S2   S1 1955
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of the post.
51.20	Wash, 25 lks. wide, 2 ft. deep, drains W. for $1\frac{1}{2}$ chs.; thence S. 40° W.
56.30	Wash, 25 lks. wide, 5 ft. deep, drains S. 30° W.; asc. 100 ft.
63.90	Spur, projects E.
68.90	Wash, drains S. 40° E.
80.03	The cor. of 1, 2, 35, and 36 on the N. bdy. of the township, a $2\frac{1}{2}$ in. iron post, conforming to the record.  Land, rolling desert land. Soil, sandy loam. Timber, scattered juniper. Undergrowth, dense black brush, scattered mountain rush, and grass.

Beginning at the cor. of secs. 2, 3, 10, and 11

Thence

N. 0° 03' W., bet. secs. 2 and 3.

Over rolling desert land, through scattered juniper and scant undergrowth.

Desc. 95 ft. over a N. slope.

16.00 Wash, 15 lks. wide, 2 ft. deep, drains W.; thence along a W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground, to solid rock, and in a mound of stone, with brass cap mkd.

$\frac{1}{4}$   
S3 | S2

1955

Deposit a sandstone rock, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

44.80 Wash, 20 lks. wide, 3 ft. deep, drains S. 10° W.

51.00 Wash, 15 lks. wide, 15 ft. deep, drains S. 30° W.; asc. 85 ft. along a W. slope.

## Chains

- 58.00 West slope of knoll.
- 62.70 Wash, 20 lks. wide, 30 ft. deep, drains S. 20° W.; asc. 40 ft.
- 73.30 Spur, projects E.; desc. 20 ft.
- 78.90 Wash, 20 lks. wide, 20 ft. deep, drains S. 80° E.
- 80.16** The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the township, a  $2\frac{1}{2}$  in. iron post conforming to the record.

Land, rolling desert land.  
Soil, sandy clay, rocky.  
Timber, widely scattered juniper.  
Undergrowth, black brush, mountain rush, and grass.

Beginning at the cor. of secs. 15, 16, 21, and 22.

Thence

West, bet. secs. 16 and 21.

Over broken desert land, through medium dense juniper and scattered pinon and dense black brush and scant grass.

Desc. 120 ft. over a W. slope.

- 14.00 Rim of canyon, bears SE. and NW.; desc. 200 ft. over a broken W. slope.

- 20.00 Draw, drains S. 10° E.; asc. 120 ft. over a broken E. slope.

- 24.00 Point of spur, projects S.; desc. 120 ft. over a broken W. slope.

- 30.80 Shitamaring Creek, dry, drains S.

- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S16 \\ S21 \end{array}$$

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Asc. 180 ft. over a broken SE. slope.

- 47.20 Rim of canyon, bears N. and S.; asc. 195 ft. along a SE. slope.

- 64.00 Spur, projects S. 40° E.; desc. 25 ft. along a SW. slope.

- 72.00 Draw, drains S. 30° E.

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

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

Subdivision, T. 36 S., R. 11 E.

Chains

T35SR11E

S17 | S16

S20 | S21

1955

Deposit a sandstone rock, 6x4x3 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert land.

Soil, sandy clay with sandstone boulders and ledges.

Timber, scattered juniper in the first 1/2 mile; no timber the balance.

Undergrowth, dense black brush, scant mountain rush and grass.

N. 0° 03' W., bet. secs. 16 and 17.

Over broken desert land, through medium dense undergrowth.

10.00 Road, bears NE. and SW.; asc. 70 ft. along an E. slope.

17.70 Spur, projects E.; asc. 35 ft. over an E. slope.

33.60 E. slope of knoll; desc. 35 ft. over a N. slope.

40.00 Point for the 1/4 sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

4

S17 | S16

1955

Deposit a sandstone rock, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 45 ft. along a NE. slope.

46.40 Road, bears E. and W.

47.00 Wash, 20 yds. wide, 7 ft. deep, drains E.

54.20 Road, bears SE. and NW.

57.70 Road, bears E. and W.; asc. 75 ft. over a SE. slope.

66.60 E. slope of red clay knoll; desc. 160 ft. over a NE. slope.

72.60 Road, bears N. 80° E. and S. 80° W.; desc. 45 ft.

80.00 Point for the cor. of secs. 8, 9, 16, and 17.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T35SR11E

S8 | S9

S17 | S16

1955

## Chains

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert land.

Soil, sandy clay, rocky.

No timber.

Undergrowth, black brush and grass.

Beginning at the cor. of secs. 9, 10, 15, and 16.

Thence

N. 89° 58' W., bet. secs. 9 and 16.

Over broken desert land, through scant undergrowth.

Asc. 120 ft. over an E. slope.

5.00 Spur, projects S. over rolling land.

38.50 Spur, ridge, bears S. 20° E. and N. 20° W.; desc. 30 ft.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16.

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

$$\frac{1}{4} \frac{S9}{S16}$$

1955

Deposit a sandstone rock, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

Desc. 200 ft. over a SW. slope.

60.80 Draw, drains S. 30° W.; asc. 70 ft.

64.50 Spur, projects SE.

68.00 Draw, drains SE.

80.04 The cor. of secs. 8, 9, 16, and 17.

Land, broken and rolling desert land.

Soil, sandy clay with sandstone ledges and boulders.

No timber.

Undergrowth, short black brush and grass.

Beginning at the standard cor. of secs. 32 and 33 on the S. bdy. of the township.

Thence

N. 0° 03' W., bet. secs. 32 and 33.

Over broken desert land, through scant undergrowth, along canyon bottom.

21.00 Canyon wall of broken ledges, 350 ft. high, bears NE. and SW.; thence along W. side top of Shitamaring Canyon.



Chains

Deposit a sandstone rock, 4x3x2 ins. mkd. with a cross (X) at the base of the post.

Asc. 50 ft.

43.00 Spur, projects W.; desc. 155 ft. along a W. slope.

50.00 Draw, drains W.; asc. 130 ft.

60.00 Spur, projects W.; desc. 115 ft.

70.00 Draw, drains S. 70° W.; asc. 100 ft. over a S. slope.

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

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

T35SR11E

S30 | S29

S31 | S32

1955

Deposit a sandstone rock, 6x4x3 ins., mkd. with a cross (X) at the base of the post.

Land, broken desert land.

Soil, sandy clay with sandstone ledges and boulders.

No timber.

Undergrowth, short black brush and scant grass.

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

Thence

West, bet. secs. 29 and 32.

Over broken desert land, through scant undergrowth.

Desc. 20 ft.

12.80 Wash, 10 lks. wide, 2 ft. deep, drains S. 70° E.; asc. 350 ft. over an E. slope.

28.20 S. slope of gray knoll.

40.04 Point for the ¼ sec. cor. of secs. 29 and 32.

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

¼ | S29

S32

1955

Deposit a sandstone rock, 4x3x2 ins., mkd. with a cross (X) at the base of the post.

Desc. 275. ft. over a W. slope.

73.00 Draw, 20 lks. wide, 100 ft. deep, drains S. 50° W.; desc. 20 ft.

Subdivision, T. 35 S., R. 11 E.

Chains	
80.08	<p>The cor. of secs. 29, 30, 31, and 32.</p> <p>Land, broken and rolling desert land. Soil, sandy clay, rocky. No timber. Undergrowth, short black brush and scant grass.</p>
37.00	<p>N. 89° 55' W., bet. secs. 30 and 31.</p> <p>Over broken desert land, through scant undergrowth.</p> <p>Desc. 470 ft. over a rolling and broken W. slope into Hansen Creek.</p>
40.00	<p>Hansen Creek, drains S.; road bears N. and S.; asc. 160 ft. over a broken E. slope.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 30 and 31, falls on ledges sloping to the east. Impractical to set iron post at this point.</p> <p>Asc. 200 ft. over a broken E. slope.</p>
45.36	<p>Point selected for the witness <math>\frac{1}{4}</math> sec. cor. for secs. 30 and 31.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \begin{array}{c} \xrightarrow{S30} \\ \xrightarrow{S31} \end{array} \begin{array}{c} W \\ C \end{array}</math> <p>1955</p> </div> <p>Deposit a sandstone rock, 4x4x3 ins., mkd. with a cross (X) at the base of the post.</p> <p>Asc. 260 ft. over an E. slope.</p>
68.50	<p>Rim of mesa, bears N. and S.</p>
79.85	<p>The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the township.</p> <p>Land, broken desert land. Soil, sandy clay, with sandstone ledges and boulders. No timber. Undergrowth, black brush, bitter brush, mountain rush, and grass.</p>

General Description

The land in this township consists mainly of a sandy clay loam, cut by numerous steep-sided canyons, draining principally southwest, into Hansen Creek. A narrow strip, along the west side, drains east into Hansen Creek, while a small portion in the northeast corner of the township drains east into Trachyte Wash. The soil is mainly a shallow sandy clay, but on some points is sand and on other a deep blue clay. There is a scattered growth of juniper and pinon in the eastern part of the township. The undergrowth consists of shadscale, black brush, bitter brush, yellow brush, rabbit brush, mountain rush, and gramma grass. The area is being overgrazed and the cover is scanty. There are a few houses in the township built by mining companies. A considerable amount of mining and prospecting for fissionable minerals has been and still is being carried on in the area.



CERTIFICATE OF CADASTRAL ENGINEER

We  
XK

Fred R. Chappell and Robert K. Burgess HEREBY CERTIFY upon honor that,

pursuance of special instructions bearing date of the 5th day of March, 19

XHave surveyed the east boundary, the south boundary or the Seventh Standard Parallel South, and portions of the subdivision of T. 35 S., R. 11 E.

of the Salt Lake Meridian, in the State of Utah, which a

represented in the foregoing field notes as having been executed by me and under my direction; and th

said survey has been made in strict conformity with said instructions, the Manual of Instructions for t

Survey of the Public Lands of the United States, and in the specific manner described in the foregoi

field notes.

Salt Lake City, Utah

March 22, 1956

*Fred R. Chappell*  
Cartographic Survey Aid

*Robert K. Burgess*  
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 6 1956, 19

The foregoing field notes of the survey of the east boundary, the south boundary or the Seventh Standard Parallel South, and portions of the subdivision of T. 35 S., R. Salt Lake Meridian, Utah.

executed by Fred R. Chappell and Robert K. Burgess

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

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

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

Chief, Division of Cadastral Engineering

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 36 SOUTH, RANGE 9 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Dell Cazier - Cadastral Surveyor

Fred R. Chappell - Cadastral Surveyor

Boyd S. Owens - Cartographic Survey Aid

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 11, 1957

Survey commenced September 24, 1957

Survey completed October 26, 1957

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Dell Gazier \_\_\_\_\_  
 Boyd S. Owens \_\_\_\_\_  
 Fred R. Chappell \_\_\_\_\_

10-2270-1

2247

Township 36 South, Range 9 East

Chains

The west and south boundaries of the township were concurrently surveyed under Group 401. The west boundary was surveyed by C. P. Sylvester and its record appears in the field notes of the 1957 survey of T. 36 S., R. 8 E. The south boundary was surveyed by Dell Cazier and its record appears in the field notes of the 1957 survey of T. 37 S., R. 9 E. The north boundary was surveyed by Fred R. Chappell and its record appears in the field notes of the 1955 survey of the Seventh Standard Parallel South, R. 9 E.

The following field notes are those of the east boundary and a portion of the subdivision of T. 36 S., R. 9 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

This survey was executed with three W. and L. E. Gurley transits, No. 541326, No. 541327, and No. 541325, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were all in good adjustment prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of the survey.

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

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard tape and found to be correct. Measurements were made on the slope, with the vertical angle of each interval ascertained by a clinometer in good adjustment; the field notes show the horizontal equivalents only. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. On lines run by traverse or triangulation, distance to topography are approximately as scaled from U.S.G.S. topographic sheets. The details of such traverse or triangulation have been thoroughly checked and verified and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation and supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the SE. cor. of T. 36 S., R. 9 E. is at latitude  $37^{\circ} 37' 39''$  N. and longitude  $110^{\circ} 51' 45''$  W., as determined by traverse from U.S.G.S. triangulation station "P. P. 9-96B", situated in the west central portion of sec. 31, T. 36 S., R. 10 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ}$  E.

East Boundary of T. 36 S., R. 9 E.

Chains	Notes
	Beginning at the cor. of Ts. 36 and 37 S., R. 9 and 10 E., which is mkd. by a 2½ in. iron post, firmly set, mkd. and witnessed as described in the field notes of the survey of T. 37 S., R. 9 E.
	Asc. 225 ft. over broken S. slope.
31.45	S. rim of low mesa, bears N. 80° E. and S. 80° W.; thence over nearly level top.
35.00	N. rim of mesa, bears E. and W.; desc. 80 ft. over N. facing broken ledges.
40.00	Point for the ¼ sec. cor. of secs. 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T36S R9E R10E
	Continue to desc. 45 ft. over N. slope.
42.30	Wash, 10 lks. wide, 2 ft. deep, drains N. 60° E.; asc. 20 ft. over SE slope.
46.00	Low spur, slopes NE.; desc. 195 ft. over broken NE. slope.
70.30	Wash, 20 lks. wide, 1 ft. deep, drains N. 70° E.; continue to desc. 40 ft. over NE. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T36S R9E R10E
	S25 S30 S36 S31
	Land, broken mesa top. Soil, sandy silt, with exposed sandstone ledges. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, silverleaf and cacti.
	North, bet. secs. 25 and 30. Over broken canyon land, through thinly scattered juniper and pinion. Desc. 10 ft. over N. facing broken ledges.
7.25	S. rim of Long Canyon, bears E. and W. By triangulation desc. 400 ft. over nearly vertical N. facing ledge.
22.00	Small wash, near head, drains N. 45° E.; asc. 480 ft. over nearly vertical S. facing ledge.
35.00	Top of ledge, bears E. and W.; asc. over SE. slope.

East Boundary of T. 36 S., R. 9 E.

Chains

40.00

Spur, projecting E.

Point for the 1/4 sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R9E R10E  
1/4  
S25 | S30  
1957

Desc. 400 ft. along broken E. facing ledges.

40.00

Rim of Long Canyon, bears N. 10° W. and S. 10° E.

60.00

Ledges change to a N. 45° W. bearing; desc. 80 ft. over nearly vertical NE. facing ledges.

65.00

Over rolling stream valley.

70.00

Wash, 1.00 ch. wide, 2 ft. deep, meanders SE. in Long Canyon.

80.00

Point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R9E R10E  
S24 | S19  
S25 | S30  
1957

Land, broken canyon rim.  
Soil, sandy silt, with exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

North, bet. secs. 19 and 24.

Over rolling stream valley.

6.00

Base of nearly vertical ledge, bears E. and W.; asc. 400 ft. over same.

20.00

N. rim of Long Canyon, bears E. and W.; thence over broken mesa top.

39.40

Point selected for the witness 1/4 sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 4 ft. base, with brass cap mkd.

T36S  
R9E R10E  
W C  
1/4  
S24 | S19  
1957

40.00

True point for the 1/4 sec. cor. of secs. 19 and 24 falls on NE. facing broken ledge, where the monument cannot be perpetuated.

Chains		and 0
	Continue along broken NE. facing ledges	00:00
70.30	Wash, 30 lks. wide, 1 ft. deep, drains S. 80° E.	
79.60	Point selected for the witness cor. of secs. 13, 18, 19 and 24. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T36S R9E R10E WC S13S18 S24S19 1957	
80.00	True point for the cor. of secs. 13, 18, 19 and 24 falls in wash, 1.00 ch. wide, 1 ft. deep, drains S. 10° E., where the monument cannot be perpetuated.	
	Land, broken canyon rim. Soil, sandy silt, with exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.	
	North, bet. secs. 13 and 18.	
	Over broken canyon rim, through scattered juniper and pinion.	
	Asc. 70 ft. over S. slope.	
2.60	Spur, slopes S. 70° W., land becomes rolling; asc. 70 ft. over slight S. slope.	
13.60	Wash, 1.00 ch. wide, 1 ft. deep, drains S. 70° W.; asc. 15 ft. over SE. slope.	
19.60	Low spur, slopes S. 60° W.; desc. 10 ft. over NW. slope.	
34.35	Wash, 1.00 ch. wide, 1 ft. deep, drains S. 40° E.; asc. 15 ft. over S. slope.	
39.50	Point selected for the witness 1/4 sec. cor. of secs. 13 and 18.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T36S R9E R10E WC S13S18 S24S19 1957	
40.00	True point for the 1/4 sec. cor. of secs. 13 and 18 falls in wash, 50 lks. wide, 1 ft. deep, drains S. 70° W., where the monument cannot be perpetuated.	
	Asc. 80 ft. over rolling land, with slight S. slope.	
50.50	Wash, 80 lks. wide, 1 ft. deep, drains S. 40° E.	
54.60	Wash, 30 lks. wide, 1 ft. deep, drains S. 30° E.	
65.60	Wash, 20 lks. wide, 1 ft. deep, drains S. 20° W. from N.	

East boundary of T. 36 S., R. 9 E.

Chains

44.30 Bulldozed road, bears N. 30° W. and S. 30° E.  
 70.60 Wash, 20 lks. wide, 1 ft. deep, drains S. from NE.  
 80.00 Point for the cor. of secs. 7, 12, 13 and 18.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
 R9E R10E  
 S12 | S 7  
 S13 | S18  
 1957

Land, rolling.  
 Soil, sandy silt.  
 Timber, scattered dwarf juniper and piñon.  
 Undergrowth, black brush, silverleaf, thimble berry, bitter brush, grama grass and cacti.

North, bet. secs. 7 and 12.

Over rolling land, with a S. slope.  
 Asc. 200 ft. over S. slope.

4.20 Bulldozed road, bears N. 60° E. and S. 60° W.  
 7.60 Wash, 10 lks. wide, 1 ft. deep, drains S. 40° W.  
 32.40 Spur, slopes E.; desc. 20 ft. over N. slope.  
 40.00 Point for the ¼ sec. cor. of secs. 7 and 12.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
 R9E R10E  
 S12 | S 7  
 1957

43.60 E. edge of low butte; desc. 245 ft. over broken N. facing ledges toward canyon rim.  
 65.40 S. rim of Clay Canyon, bears E. and W.  
 Point selected for the witness cor. of secs. 1, 6, 7 and 12.  
 Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
 R9E R10E  
 W C  
 S 14 | S 6  
 S12 | S 7  
 1957

By triangulation, desc. 640 ft. over nearly vertical N. facing ledges.

Chains		sniadO
80.00	<p>True point for the cor. of secs. 1, 6, 7 and 12 falls on the base of a N. facing ledge where it is impractical to set the monument.</p> <p>Land, S. ½ rolling, N. ½ broken canyon rim.            Soil, sandy silt; N. ½ has ledge, sand, exposed surface rock.            Timber, scattered dwarf juniper and pinion.            Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.</p>	00.00
	<p>North, bet. secs. 1 and 6.</p>	
	<p>Over broken canyon land.</p>	
	<p>Desc. 80 ft. over steep N. sloping talus.</p>	
4.00	<p>Wash, 20 lks. wide, 1 ft. deep, drains S. 70° E.; in the bottom of Clay canyon.</p>	
	<p>Asc. 560 ft. over nearly vertical E. facing ledges, along canyon wall.</p>	
35.60	<p>Rim of canyon, bears N. 10° E; and S. 45° W.; asc. 75 ft. over steep S. slope.</p>	
40.00	<p>Point for the ¼ sec. cor. of secs. 1 and 6.</p>	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p>	
	<p style="text-align: center;">T36S            R9E R10E            ¼            S1   S 6            1957</p>	
	<p>End of triangulation; asc. 40 ft. over W. slope along canyon which drains S.</p>	
44.60	<p>Spur, projects W.; desc. 50 ft. over broken W. facing ledges.</p>	
49.50	<p>Draw, drains W.; asc. 60 ft. along W. facing broken ledges.</p>	
54.60	<p>Spur, sloping W.; desc. 20 ft. over N. slope.</p>	
57.10	<p>Wash, 20 lks. wide, 1 ft. deep, drains S. 60° W.; asc. 70 ft. over broken SW. facing ledges.</p>	
77.61	<p>Intersect the Seventh Standard Parallel South.            Point for the closing cor. of Ts. 36 S., Rs. 9 and 10 E.</p>	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.</p>	
	<p style="text-align: center;">T36S R9E            831            S 1   S 6            R9E T36S R10E            CC            1957</p>	
	<p>from which</p>	
	<p>The standard cor. of Ts. 36 S., Rs. 9 and 10 E. is 22.48 cha. dist.</p>	

## East Boundary of T. 36 S., R. 9 E.

Chains

Land, broken canyon rim.  
Soil, sandy silt, with exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

Portion of the Subdivision, T. 36 S., R. 9 E.

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

N. 0° 01' W., bet. secs. 35 and 36.

By triangulation asc. 840 ft. over SW. sloping talus and nearly vertical ledges.

0.50 Bulldozed road, bears NW. and SE.

34.50 W. rim of Hall Mesa, bears N. 45° W. and S. 45° E. End of triangulation; thence over rolling mesa top.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 35 and 36..

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

T36S R9E

$\frac{1}{4}$   
S35|S36

1957

Continue over rolling mesa top, with general E. slope.

Desc. 155 ft. along E. slope.

65.90 Wash, 10 lks. wide, 2 ft. deep, drains N. 45° E.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T36S R9E

S26|S25

S35|S36

1957

Land, S.  $\frac{1}{2}$  mile nearly vertical ledges and steep talus; N.  $\frac{1}{2}$  rolling mesa top.

Soil, sandy silt, S.  $\frac{1}{2}$  mile has exposed ledges and boulder strewn talus.  
Timber, none in S.  $\frac{1}{2}$  mile; scattered dwarf juniper and pinion in N.  $\frac{1}{2}$  mile.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy.

S. 89° 47' W., bet. secs. 25 and 36.

Over broken canyon rim, through scattered juniper and pinion.

1.80 Spur, sloping N., by triangulation over series of spurs and washes sloping and draining N.

16.50 E. rim of canyon, bears NE. and westerly.

31.50 Wash in bottom of canyon, drains NE.; asc. over broken E. slope.

## Portion of the Subdivision T. 36 S., R. 9 E.

and O

Chains	
39.96	True point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 36 falls on E. facing ledge, where it is impractical to set the monument.
40.80	W. rim of canyon, bears N. and S., over rolling mesa top.
41.00	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 25 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.  T36S R9E $\frac{1}{4}$ $\frac{S25}{S36}$ W C 1957  Asc. 205 ft. over E. slope.
79.93	The cor. of secs. 25, 26, 35 and 36.  Land, E. $\frac{1}{2}$ broken canyon rim; W. $\frac{1}{2}$ rolling mesa top. Soil, sandy silt, with E. $\frac{1}{2}$ being exposed ledges of sandstone. Timber, scattered dwarf juniper and pinion. Undergrowth; scattered black brush, bitter brush, mountain rush and cacti.
	From the cor. of secs. 3, 4, 33 and 34 on the S. bdy.  N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.  Over series of steep E. sloping slickrock spurs.  Desc. 80 ft. over steep N. slope.
7.50	By triangulation desc. 200 ft. over steep N. sloping slickrock.
14.50	Wash, 30 lks. wide, 2 ft. deep, drains E.; asc. 200 ft. over steep S. sloping slickrock.
23.30	End of triangulation on spur, sloping E.; thence over series of narrow spurs sloping E.
36.80	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 33 and 34.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.  T36S R9E W C $\frac{1}{4}$ S33 S34 1957  Desc. 160 ft. over steep N. slope.
38.00	Wash, 30 lks. wide, 3 ft. deep, drains E.; asc. 120 ft. over steep S. slope.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34 falls on steep S. sloping slickrock, where it is impractical to set the monument.  Continue to asc. 40 ft. over steep S. slope.
45.00	Spur, sloping E.; by triangulation desc. 760 ft. over steep and nearly vertical N. sloping slickrock.
60.20	Wash, 40 lks. wide, 3 ft. deep, drains E.; asc. 600 ft. over nearly vertical S. facing ledge.

Portion of the Subdivision, T. 36 S., R. 9 E.

Chains

20.00

Point for the cor. of secs. 27, 28, 33 and 34.  
Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R9E  
S28|S27  
S33|S34  
1957

Land, steep E. sloping slickrock spurs.  
Soil, shallow sandy silt, with exposed sandstone.  
Timber, scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

N. 0° 02' W., bet. secs. 27 and 28.

Over steep E. sloping sandstone slickrock spurs.

Desc. 80 ft. over steep N. slope.

- 8.50 Draw, near head, drains E.; asc. 80 ft. over S. slope.
- 23.75 Spur, sloping E.; desc. 320 ft. over steep N. slope.
- 31.30 Wash, 30 lks. wide, 2 ft. deep, drains E.; asc. 160 ft. over nearly vertical S. facing ledge.
- 33.00 Spur, sloping E.; desc. 165 ft. over steep N. slope.
- 37.50 Draw, near head, drains E.; asc. 120 ft. over steep S slope.
- 40.00 True point for the ¼ sec. cor. of secs. 27 and 28, falls on steep S. sloping slickrock, where it is impractical to set the monument.  
Continue to asc. 20 ft. over steep S. slope.
- 41.40 Point selected for the witness ¼ sec. cor. of secs. 27 and 28.  
Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  
T36S R9E  
¼  
S28|S27  
W C  
1957  
Asc. 80 ft. over S. slope.
- 51.00 Spur, sloping E.; desc. 480 ft. over nearly vertical N. facing ledge.
- 52.00 Wash, 30 lks. wide, 2 ft. deep, drains E.; asc. 120 ft. over nearly vertical S. facing ledge.
- 64.00 Spur, sloping E.; desc. 120 ft. over nearly vertical N. facing ledge.
- 67.00 Same wash as above, drains N. 45° W.; asc. 40 ft. along SW. slope.
- 71.00 NW. edge of spur, slopes N. 45° W.; desc. 40 ft. over NW. slope.
- 74.50 Same wash as above, drains E.; asc. 240 ft. over nearly vertical S. facing ledge.

Portion of the Subdivision, T4 36 S., R. 9 E.

Chains	meters
80.00	<p>True point for the cor. of secs. 21, 22, 27 and 28 falls on steep E. sloping slickrock, where it is impractical to set the monument.</p> <p>Land, series of sandstone spurs; sloping E. Soil, shallow sandy silt, with exposed sandstone. Timber, scattered dwarf juniper and pinion. Undergrowth, scattered black brush, mountain rush and cacti.</p>
1.90	<p>N. 0° 02' W., bet. secs. 21 and 22.</p> <p>Over steep E. sloping slickrock.</p> <p>Point selected for the witness cor. of secs. 21, 22, 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T36S R9E S21   S22 S28   S27 W.C. 1957</p>
2.00	<p>Spur, sloping E.; desc. 200 ft. over steep NE. slope.</p>
20.00	<p>Land becomes rolling sandy spurs.</p>
37.30	<p>Hall Creek, 1 ch. wide, 3 ft. deep, drains S. 40° E.; thence over rolling land.</p>
39.90	<p>Point selected for the witness ¼ sec. cor. of secs. 21 and 22.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T36S R9E W.C. ¼ S21   S22 1957</p>
40.00	<p>True point for the ¼ sec. cor. of secs. 21 and 22 falls in draw, draining S., where the monument cannot be perpetuated.</p>
56.00	<p>Rut road, bears N. 20° W. and S. 20° E.</p>
61.00	<p>Leave rolling land; asc. 55 ft. over nearly vertical SW. facing ledge</p>
63.00	<p>Top of ledge, bears N. 45° W. and S. 45° E.; thence over broken SW. facing slope.</p>
80.00	<p>Point for the cor. of secs. 15, 16, 21 and 22.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T36S R9E S16   S15 S21   S22 1957</p> <p>Land, S. ½ steep E. sloping slickrock; N. ½ rolling. Soil, S. ½ mostly exposed sandstone; N. ½ deep sandy silt. Timber, scattered dwarf juniper and pinion, with scattered cottonwood along Hall Creek. Undergrowth, scattered black brush S. ½; moderate black brush, sage-brush, yellow brush and grama grass in N. ½.</p>

Portion of the Subdivision, T. 36 S., R. 9 E.

Chains

N. 0° 02' W., bet. secs. 15 and 16.

Along nearly vertical SW. facing ledges.

Asc. 560 ft. over same.

38.30 W. rim of Hall Mesa, bears N. 15° W. and S. 15° E. End of triangulation, thence over broken SW. facing ledges.

40.00 Point for the 1/4 sec. cor. of secs. 15 and 16.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R9E  
1/4  
S16 | S15  
1957

Asc. 155 ft. over broken SW. facing ledges.

60.40 Land becomes rolling; desc. 55 ft. over NE. slope.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R9E  
S 9 | S10  
S16 | S15  
1957

Land, broken mesa rim.  
Soil, sandy silt, with exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, mountain rush, bitter brush and cacti.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling mesa top, with general SE. slope.

1.00 Low spur, sloping E.; desc. 30 ft. over N. slope.

40.00 Point for the 1/4 sec. cor. of secs. 9 and 10.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R9E  
1/4  
S 9 | S10  
1957

Continue over rolling land.

52.20 N. end of landing strip, bears E. approx. 2.00 chs.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, and in a mound of stone, 1 1/2 ft. base to top, with brass cap mkd.

Chains

ansidO

T36S R9E  
 S 4 | S 3  
 S 9 | S 10  
 1957

Deposit charcoal at base of post.

Land, rolling mesa top.  
 Soil, heavy sandy loam.  
 Timber, widely scattered dwarf juniper and pinion.  
 Undergrowth, moderate black brush, mountain rush, weeds and grass.

N. 0° 02' W., bet. secs. 3 and 4.

Over rolling mesa top.

10.00 Small draw, drains S. 45° E.

19.60 Graded road, bears N. 30° W. and S. 30° E.

30.80 Small draw, drains S. 45° E.

40.00 Point for the 1/2 sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, with brass cap mkd.

T36S R9E  
 1/2  
 S 4 | S 3  
 1957

Deposit charcoal at base of post.

Continue over rolling land.

66.40 Wash, 50 lks. wide, 1 ft. deep, drains S. 50° E.

77.61 Intersect the Seventh Standard Parallel South.

Point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T35S R9E  
 S 33  
 S 4 | S 3  
 T36S  
 CC  
 1957

from which

The standard cor. of secs. 33 and 34 bears E. 22, 59 chs.

Land, rolling mesa top.  
 Soil, heavy sandy loam.  
 Timber, widely scattered dwarf juniper and pinion.  
 Undergrowth, moderate black brush, mountain rush, weeds and grass.

The point for the cor. of secs. 1 and 2 on the N. bdy. of the township is on the Seventh Standard Parallel South and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

At the corner point

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T35S R9E

S35

S 2 | S 1

T36S

1957

From this cor., the standard ¼ sec. cor. of sec. 35, an iron post 2½ ins. diam.; conforming to the record, bears W., 17.48 chs. dist.

The point for the ¼ sec. cor. of sec. 2 on the N. bdy. of the township is on the Seventh Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

At the corner point

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

¼ S 2

T36S R9E

1957

From this cor., the standard sec. cor. of secs. 34 and 35, an iron post, 2½ ins. diam., conforming to the record, bears W. 17.46 chs. dist.

The point for the cor. of secs. 2 and 3 on the N. bdy. of the township is on the Seventh Standard Parallel South and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

At the cor. point,

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

T35S R9E

S34

S 3 | S 2

T36S

1957

From this cor., the standard ¼ sec. cor. of sec. 34, an iron post, 2½ ins. diam., conforming to the record, bears W. 17.45 chs. dist.

From the cor. of secs. 2 and 3 on the N. bdy.

S. 0° 01' E., bet. secs. 2 and 3.

Over nearly level land.

37.61 Point for the ¼ sec. cor. of secs. 2 and 3.

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

Chains

101110

T36S R9E

S 3 | S 2  
1957

Continue over nearly level land.

66.80 Small wash, drains S. 45° W.

77.61 Point for the cor. of secs. 2, 3, 10 and 11.

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

T36S R9E

S 3 | S 2  
S10 | S11  
1957

Land, nearly level.

Soil, sandy silt.

Timber, none.

Undergrowth, black brush, mountain rush and grama grass.

From the cor. of secs. 2, 3, 10 and 11.

East, bet. secs. 2 and 11, on a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12, on the E. bdy. and the cor. of secs. 3, 4, 9 and 10, as specified in the special instructions.

Over nearly level land.

24.20 Wash, 10 lks. wide, 2 ft. deep, drains S. 45° W.

40.00 Point for the ¼ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R9E

¼ S 2  
S11  
1957

41.40 Head of draw, drains S.; desc. 80 ft. over S. slope.

54.60 Wash, 20 lks. wide, 1 ft. deep, drains S.; asc. 110 ft. over steep S. slope.

60.00 Spur, sloping SW.; desc. 145 ft. over steep SE. slope.

70.10 Wash, 10 lks. wide, 1 ft. deep, drains S. 45° W.; asc. 145 ft. over steep W. slope.

80.00 Narrow finger of mesa top.

Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R9E

S 2 | S 1  
S11 | S12  
1957

Land, nearly level

Portion of the Subdivision, T. 36 S., R. 9 E.

Chains

Land, W. 1/4 nearly level; E. 1/4 broken.  
Soil, sandy silt, E. 1/4 boulder strewn.  
Timber, none.  
Undergrowth, black brush, mountain rush, weeds and grama grass.

From the cor. of secs. 1, 2, 11 and 12.

N. 0° 01' W., bet. secs. 1 and 2.

Over nearly level land.

15.15 E. rim of mesa; desc. 155 ft. along steep NE. slope.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T368 R9E

1/4  
S 2 1/2 S 1  
1957

46.50 Wash, 20 lks. wide, 1 ft. deep, drains E.

Land becomes rolling.

60.00 Bulldozed road, bears N. 40° W. and S. 40° E.

64.00 Wash, 20 lks. wide, 2 ft. deep, drains E.

74.00 Wash, 40 lks. wide, 2 ft. deep, drains S. 35° E.

77.61 The cor. of secs. 1 and 2, on the N. bdy. of the township.

Land, broken and rolling.

Soil, sandy silt.

Timber, none.

Undergrowth, black brush, mountain rush and grama grass.

From the cor. of secs. 15, 16, 21 and 22.

S 89° 55' W., bet. secs. 16 and 21.

Over rolling land bordering Hall Creek.

Desc. 35 ft. over W. slope.

6.30 Jeep road, bears N. 25° W. and S. 25° E.; continue to desc. 55 ft. over W. slope.

10.60 Hall Creek, 1.00 ch. wide, 1 ft. deep, drains S. 20° E.; asc. 40 ft. over E. slope.

16.90 Base of exposed sandstone; asc. 210 ft. over steep E. sloping slickrock.

21.80 Isolated sandstone dome; desc. 40 ft. over steep W. sloping slickrock.

24.70 Point selected for the witness 1/4 sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of the Subdivision, T. 36 S., R. 9 E.

Chains	Notes
	<p>T36S R9E            W 1/4 S16            C S21            1957</p>
25.00	By triangulation asc. 160 ft. along N. side of narrow canyon.
26.00	Wash, 20 lks. wide, 2 ft. deep, drains N. 10° E. from S. 80° W.
39.50	Spur, projecting S.; desc. 20 ft. over W. slope.
40.00	True point for the 1/4 sec. cor. of secs. 16 and 21 falls on steep W. sloping slickrock, where it is impractical to set the monument. Desc. 80 ft. over SW. slope.
46.00	Wash, 20 lks. wide, 2 ft. deep, drains S. 45° E.; asc. 1280 ft. over nearly vertical E. facing sandstone ledges.
80.00	True point for the cor. of secs. 16, 17, 20 and 21 falls on steep E. slope of slickrock, where it is impractical to set the monument. Land, steep E. sloping slickrock. Soil, none. Timber, none. Undergrowth, none.
	<p>From the true point for the cor. of secs. 16, 17, 20 and 21.            N. 0° 03' W., bet. secs. 16 and 17.            Over series of slickrock spurs, sloping steeply E.</p>
0.50	Wash, near head, drains E.
4.42	Point selected for the witness cor. of secs. 16, 17, 20 and 21. Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 5 ft. base to top, with brass cap mkd.
	<p>T36S R9E            S17 S16            S20 S21            W C            1957</p>
	Desc. 120 ft. over N. slope.
9.00	Wash, 30 lks. wide, 2 ft. deep, drains E.
10.00	Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 120 ft. over E. slope
27.68	End of triangulation, on spur sloping E.
28.10	Point selected for the witness 1/4 sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<p>T36S R9E            W C            S17 S16            1957</p>

## Portion of the Subdivision, T. 36 S., R. 9 E.

Chains	
	By triangulation desc. 360 ft. over steep N. slope.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17 falls on steep N. sloping slickrock, where it is impractical to set the monument.  Desc. 40 ft. over steep N. slope.
42.50	Wash, 30 lks. wide, 2 ft. deep, drains N. 40° E.; asc. 120 ft. over SW. slope.
55.30	Wash, 20 lks. wide, 2 ft. deep, drains S. 45° E.; asc. 200 ft. over steep SW. slope.
60.30	Spur, sloping SE.; desc. 400 ft. over steep NE. slope.
79.80	Point selected for the witness cor. of secs. 8, 9, 16 and 17.  Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.
	T36S R9E W C S 8 <sup>1</sup> S 9 S17 S16 1957
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls in wash, 20 lks. wide, 1 ft. deep, draining SE. where the monument cannot be perpetuated.  Land, broken with precipitous E. slope. Soil, sandy silt in scattered pockets, most of the mile is exposed sandstone. Timber, widely scattered dwarf juniper and pinion. Undergrowth, silverleaf, black brush and cacti.
	From the cor. of secs. 9, 10, 15 and 16.  S. 89° 58' W., bet. secs. 9 and 16.  Over nearly level mesa top.  Asc. 30 ft. over E. slope.
3.30	W. rim of Big Thomson Mesa, bears N. 20° W. and S. 20° E.; desc. 120 ft. over broken W. facing ledges.
11.40	Nearly vertical ledge, 400 ft. high, bears N. 20° W. and S. 20° E.; by triangulation desc. over same.
23.00	Base of nearly vertical ledge, bears N. 20° W. and S. 20° E.; thence desc. 120 ft. over steep, boulder strewn W. sloping talus.
29.00	Hall Creek, 1.00 ch. wide, 1 ft. deep, drains S. 40° E.
30.00	Jeep road, bears N. and S.; asc. 120 ft. over steep E. sloping slick-rock.
40.00	Spur, projecting S.
40.03	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of the Subdivision, T. 36 S., R. 9 E.

Chains	<p>T36S R9E  <math>\frac{1}{4}</math> S 9                  816                  1957</p>	meters
	<p>Desc. 80 ft. over nearly vertical N. facing ledge.</p>	
42.20	<p>Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 280 ft. over nearly vertical NE. facing ledge.</p>	
52.00	<p>Spur, projecting SE.; asc. 280 ft. over steep NE. slope.</p>	
75.00	<p>Spur, sloping SE.; desc. 80 ft. over steep SW. slope.</p>	
80.06	<p>The true point for the cor. of secs. 8, 9, 16 and 17.</p>	
	<p>Land, broken.                  Soil, sandy silt in pockets with exposed sandstone covering most of the mile.                  Timber, widely scattered dwarf juniper and pinion.                  Undergrowth, scattered black brush, yellow brush and cacti.</p>	
	<p>From the cor. of secs. 4, 5, 32 and 33 on the S. bdy.                  N. 0° 03' W., bet. secs. 32 and 33.                  Over series of steep E. sloping slickrock spurs, through thinly scattered juniper and pinion.</p>	
3.00	<p>Desc. 120 ft. over steep slickrock N. slope.                  Wash, 20 lks. wide, 1 ft. deep, drains E.; asc. 320 ft. over steep S. sloping slickrock.</p>	
20.00	<p>Spur, sloping E.; by triangulation desc. 200 ft. over N. sloping slickrock.</p>	
33.10	<p>Spur, sloping E.                  Point selected for the witness <math>\frac{1}{4}</math> sec. cor. of secs. 32 and 33.                  Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, <math>3\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p>	
	<p>T36S R9E                  W.C.  <math>\frac{1}{4}</math> S 33                  832                  1957</p>	
40.00	<p>Desc. 200 ft. over steep N. sloping slickrock.                  True point for the <math>\frac{1}{4}</math> sec. cor. of secs. 32 and 33 falls on steep N. sloping slickrock, where it is impractical to set the monument.</p>	
	<p>Desc. 40 ft. over steep N. sloping slickrock.</p>	
43.00	<p>Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 240 ft. over steep S. sloping slickrock.</p>	
47.50	<p>Spur, sloping E.; desc. 200 ft. over steep N. sloping slickrock.</p>	
51.20	<p>Wash, 30 lks. wide, 2 ft. deep, drains E.; asc. 520 ft. over steep S. sloping slickrock.</p>	
64.00	<p>Spur, sloping E.; desc. 160 ft. over steep N. sloping slickrock.</p>	

## Portion of the Subdivision, T. 36 S., R. 9 E.

Chains	
69.00	Wash, 30 lks. wide, 3 ft. deep, drains S. 70° E.; asc. 160 ft. over steep S. sloping slickrock.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and a mound of stone, 3½ ft. base to top, with brass cap mkd.  <div style="text-align: center;">           T36S R9E            S29 S28            S32 S33            1957         </div>
	Land, series of steep E. sloping spurs. Soil, few pockets of sandy silt. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.
	From the true point for the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, which is witnessed S. 89° 55' W., 0.12 chs. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 9 E.  N. 0° 03' W., bet. secs. 31 and 32.  Over broken land, through moderate juniper and pinion. Asc. 100 ft. over SE. broken slope of spur.
7.80	Spur, sloping SW.; desc. 80 ft. over broken NW. slope.
26.55	Wash, 60 lks. wide, 3 ft. deep, drains SW.; asc. 35 ft. over broken SE. slope of ridge.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.  Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.  <div style="text-align: center;">           T36S R9E            ¼            S31 S32            1957         </div>
	Continue to asc. 130 ft. over broken SE. slope.
50.90	Spur, slopes SW.; desc. 85 ft. over broken NW. slope.
61.30	Wash in East Moody Canyon, 30 lks. wide, 2 ft. deep, drains S. 45° W.; asc. 210 ft. over broken SE. slope.
80.00	Spur, sloping SW.  Point for the cor. of secs. 29, 30, 31 and 32.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  <div style="text-align: center;">           T36S R9E            S30 S29            S31 S32            1957         </div>
	Land, broken. Soil, sandy silt, with exposed sandstone. Timber, scattered dwarf juniper and pinion. Undergrowth, moderate growth of black brush, mountain rush and cacti.

## Portion of the Subdivision, T. 36 S., R. 9 E.

Chains	From the cor. of secs. 28, 29, 32 and 33. S. 89° 56' W., bet. secs. 29 and 32. Over nearly level pocket; by triangulation.	2010
9.50	Wash, 20 lks. wide, 2 ft. deep, drains S. 45° E., land becomes broken asc. 200 ft. over nearly vertical E. facing ledges.	
19.50	Sandstone knob; desc. 160 ft. over steep W. slope.	
22.30	Base of knob; asc. 160 ft. over broken E. slope.	
33.20	E. edge of mesa, bears N. and S. 60° E.; thence by chaining over nearly level mesa top, through moderate dense juniper and pinion.	
39.92	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.  T36S R9E $\frac{1}{4}$ $\frac{S29}{S32}$ 1957	
	Desc. 90 ft. over NW. slope.	
49.80	Wash, 30 lks. wide, 2 ft. deep, drains S.; asc. 90 ft. over broken SE. slope.	
74.20	Spur, sloping SW.; desc. 40 ft. over broken NW. slope.	
79.85	The cor. of secs. 29, 30, 31 and 32.  Land, broken. Soil, sandy silt, with exposed sandstone. Timber, moderate growth of juniper and pinion. Undergrowth, black brush, bitter brush, mountain rush, grama grass and cacti.	

## GENERAL DESCRIPTION

The land of T. 36 S., R. 9 E. is of two distinct types and the division is well marked by a SW. facing, erosional scarp, approx. 400 ft. high, which enters the township at the N. bdy. near the NW. cor. of sec. 4 and bears S. to SE., leaving the township at the S. bdy. near the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36. The land E. of the scarp is rolling desert bench land. That portion of the land N. of Long Canyon is known as Big Thomson Mesa; the portion S. of Long Canyon is known as Hall Mesa. The land W. of the scarp is on the E. flank of the Water Pocket Fold and with the exception of a small area of rolling land in the S. portion of sec. 18, E. portion of sec. 19 and the W. portion of sec. 20, the land is precipitous slick-rock slopes, nearly vertical canyon walls, spurs, pinnacles and knobs.

The main drainage of the township is S. by way of Clay Canyon, East Moody Canyon, Long Canyon, Hall Creek and their tributaries. Clay Canyon enters the township at the N. bdy., approx. 20 chs. E. of the NW. cor. of sec. 1 and drains S. to SE., leaving the township near the SE. cor. of sec. 1. Long Canyon enters the township at the N. bdy., near the standard cor. of secs. 33 and 34 and bears S. to SE., leaving the township at the E. bdy., a short distance S. of the SE. cor. of sec. 24. Hall Creek enters the township at the N. bdy., about 15 chs. W. of the point for the standard cor. of secs. 32 and 33 and drains S. to SE., leaving the township near the  $\frac{1}{4}$  sec. cor. of

## Township 36 South, Range 9 East

## Chains

secs. 2 and 35 on the S. bdy. East Moody Canyon heads in the area of sec. 29 and drains SW. and S., leaving the township at the S. bdy. approx. 15 chs. E. of the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31. A large tributary canyon of Middle Moody Canyon heads in the area of sec. 19 and drains SW., leaving the township at the W. bdy., approx 15 chs. S. of the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24. These canyons attain a maximum depth of approx. 1000 ft. and are rimmed with inaccessible vertical ledges throughout most of their length.

The soil throughout the township is residual sandy silt. In the E. portion of the township the soil is of some depth and produces a vegetational cover of scattered juniper and pinion with a moderate to dense growth of black brush, mountain rush, grama grass and weeds. In the W. portion of the township the only soil of any quantity is along the stream valley of Hall Creek and produces groves of cottonwoods, scrub oak, scattered juniper and pinion, with a moderate growth of sagebrush, grama grass and weeds.

There are two roads and one landing strip in the township. The landing strip, located in the SW. portion of sec. 10, is a graded strip and was used by the helicopter crew for their four-place Navion. The better of the two roads, being graded and drained, enters the township at the N. bdy., approx. 5 chs. W. of the standard  $\frac{1}{4}$  sec. cor. of sec. 33 and bears S. to SE. to a point near the  $\frac{1}{4}$  sec. cor. of secs. 10 and 15, thence E., leaving the township at the E. bdy., approx. 10 chs. S. of the SE. cor. of sec. 12. The second road, a jeep road, bears S. to SE. in Hall Creek, leaving the township at the S. bdy. near the SW. cor. of sec. 36.

Water encountered during this survey consists of a spring in the S. central portion of sec. 10, several seeps in sec. 16 and a fair stream of water in Hall Creek. The source of water in Hall Creek is believed to be springs and seeps along the E. flank of the Water Pocket Fold, however none were noted during this survey.

The activity within the township consists of limited prospecting on the mesa top and along the bottom of Hall Creek, but there are no producing mines or patented claims. The land on the mesa top is utilized for the grazing of sheep, while that land along Hall Creek is used for the grazing of cattle. Because of the inaccessibility of the W. portion of the township, the land appears to be untouched.



CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1958 I have surveyed the east boundary and a portion of the subdivision of Township 36 South, Range 9 East

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

January 6, 1958
Salt Lake City, Utah

Dell Cazier
Dell Cazier--Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., 19

The foregoing field notes of the survey of
executed by
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.



CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor the pursuance of special instructions bearing date of the 13th day of May, 1958, I have surveyed a portion of the subdivision of Township 36 South, Range 9 East

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

January 6, 1958
Salt Lake City, Utah

Fred R. Chappell
Fred R. Chappell
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., 1958

The foregoing field notes of the survey of
executed by
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes.

Cadastral Engineering Staff Officer.



CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that in pursuance of special instructions bearing date of the 13th day of May 1958

I have surveyed a portion of the subdivision of Township 36 South, Range 9 East

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

January 6, 1958

Salt Lake City, Utah

*Boyd S Owens*

Boyd S. Owens - Cartographic Survey

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

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

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1958 I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of Township 36 South, Range 9 East

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

January 6, 1958
Salt Lake City, Utah

[Signature]
Vern E. Lane
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 36 South, Range 9 East, Salt Lake Meridian, Utah

executed by Dell Cazier, Boyd S. Owens & Fred R. Chappell, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

[Signature]
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 36 SOUTH, RANGE 10 EAST

Of the Salt Lake Meridian,

in the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cartographic Survey Aid

Dell Casler - Cadastral Surveyor

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 11, 1957

Survey commenced September 27, 1957

Survey completed October 24, 1957

# INDEX DIAGRAM

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10-22770-1

Boyd S. Owens \_\_\_\_\_

Dell Cazier \_\_\_\_\_

Township 36 South, Range 10 East

Chains

The Seventh Standard Parallel South through R. 10 E. was surveyed by Fred R. Chappell in 1955. The south and west boundaries were surveyed concurrently with this township and are described in the proper adjoining townships.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 36 S., R. 10 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that normally are considered State school sections.

The survey was executed with W. and L. E. Gurley transits, serial Nos. 541326 and 541325, both equipped with improved telescopic solar attachments constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition prior to the survey and were maintained in proper adjustment throughout the progress of the survey.

The directions of all lines of the survey were determined generally by sustained angulation carried forward from observations upon the sun and Polaris.

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

Measurements were made with a steel tape, 8 chs. in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope, the vertical angle of each interval was ascertained by clinometers maintained in good adjustment; the horizontal equivalents only are entered in this field note record. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible to chaining were run by traverse or triangulation. The details of such traverses or triangulations have been thoroughly verified and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The geographic position of the SE. cor. of the township is latitude 37° 37' 39.2" N. and longitude 110° 45' 13.6" W. as determined by traverse from U.S.G.S. triangulation stations "Pine" and "Hansen", located within the township.

The magnetic declination was read at a number of stations within the township and found to be 15° E.

East Boundary, T. 36 S., R. 10 E.

Beginning at the cor. of Ts. 36 and 37 S., Rs. 10 and 11 E., an iron post, 2½ ins. diam., described in the field notes of the survey of T. 37 S., R. 10 E. From this cor., U.S.G.S. triangulation station "Pine" bears N. 74° 14' W., 82.13 chs. dist.

North, bet. secs. 31 and 36.

Over broken desert land; desc. 20 ft.

2.90 Wash, 1 ch. wide, 10 ft. deep, course SE.; thence asc. along broken SW. slope.

## East Boundary, T. 36 S., R. 10 E.

Chains

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 falls on NW. face of ledge where the corner cannot be monumented.

40.30 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) on sandstone surface, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T36S  
R10E R11E  
 $\frac{1}{4}$   
S36|S31  
W C  
1957

Thence along broken NW. slope.

55.00 Wash, course SW.; asc. 350 ft. over broken ledgy SE. slope.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 12 ins. in the ground, with brass cap mkd.

T36S  
R10E R11E  
S25|S30  
S36|S31  
1957

Build a mound of stone,  $2\frac{1}{2}$  ft. base, around the iron post, to top.

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

North, bet. secs. 25 and 30.

Over broken land; asc. over SE. slope.

10.00 Top of ascent, bears E. and W.; desc. 120 ft. over NE. slope.

24.00 Rim, facing NE., bears NW. and SE.; desc. 240 ft. abruptly.

33.00 Gulch, drains E.; asc. 300 ft. over steep ledgy S. slope.

39.00 Rim, facing S., bears E. and W.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R10E R11E  
 $\frac{1}{4}$   
S25|S30  
1957

Cor. is located on a point extending E. about 3 chs. to rim.

East Boundary, T. 36 S., R. 10 E.

Chains

Thence N. along E. face of high rim, bearing N. irregularly along line.

80.00 Point for the cor. of secs. 19, 24, 25 and 30 falls on inaccessible portion of rim, facing E.

Land, broken.  
Soil, shallow sand and exposed sandstone.  
Timber, none.

North, bet. secs. 19 and 24.

Over broken land, along irregular E. face of rim.

14.00 Rim, bears S. 70° W. and N. 70° E., 5 chs.; thence N.

14.20 Point selected for the witness cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R10E R11E  
S24 | S19  
S25 | S30  
W C  
1957

Thence along broken ledgy slope, facing E.

40.00 Point for the ¼ sec. cor. of secs. 19 and 24 falls in wash, course SE., where the corner cannot be perpetuated.

41.50 Point selected for the witness ¼ sec. cor. of secs. 19 and 24.

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

T36S  
R10E R11E  
¼  
S24 | S19  
W C  
1957

Asc. 480 ft. over broken ledgy S. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

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

T36S  
R10E R11E  
S13 | S18  
S24 | S19  
1957

Land, rough and broken.  
Soil, shallow sand and exposed sandstone.  
Timber, none.

Chains

North, bet. secs. 13 and 18.

Over rolling sandy bench land.

40.00

Point for the 1/4 sec. cor. of secs. 13 and 18.

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

T36S  
R10E R11E

1/4

S13 | S18  
1957

Bury charcoal at the base of the iron post.

Continue over rolling land.

80.00

Point for the cor. of secs. 7, 12, 13 and 18.

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

T36S  
R10E R11E

S12 | S 7

S13 | S18

1957

Encircle the iron post with a collar of stone.

From this cor. U.S.G.S. triangulation station "Hansen" bears N. 85° 22' W., 55.15 chs. dist., a brass tablet, seated in concrete, conforming to the record.

Land, rolling.

Soil, sandy.

Timber, none.

North, bet. secs. 7 and 12.

Over rolling sandy land.

27.90

Rim, facing NW., bears SW. and NE.; desc. 160 ft. over broken ledgy NW. slope.

40.00

Point for the 1/4 sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S  
R10E R11E

1/4

S12 | S 7

1957

42.80

Wash, 30 lks. wide, 1 ft. deep, course NE.; asc. over broken SE. slope.

54.00

Thence along broken slope, draining E.

79.70

Point selected for the witness cor. of secs. 1, 6, 7 and 12.

East Boundary, T. 36 S., R. 10 E.

Chains

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

T36S  
R10E R11E

W C  
S 1 | S 6

S12 | S 7  
1957

80.00

Point for the cor. of secs. 1, 6, 7 and 12 falls on a large boulder, where the cor. cannot be monumented.

Land, broken.

Soil, sand and exposed sandstone.

Timber, none.

North, bet. secs. 1 and 6.

Over broken land, along rocky E. slope.

25.10

Spur, projects NE.; desc. 160 ft. over N. slope.

34.40

Point selected for the witness ¼ sec. cor. of secs. 1 and 6.

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

T36S  
R10E R11E

¼  
W C  
S1 | S6

1957

40.00

Point for the ¼ sec. cor. of secs. 1 and 6 falls on precipitous NW. slope, where the cor. cannot be monumented.

43.00

Wash, drains steeply to NE.; asc. 240 ft. along ledgy SE. slope.

74.80

Spur, slopes NE.; thence over top of spur.

77.28

Intersect the Seventh Standard Parallel South at the point for the closing cor. of T. 36 S., Rs. 10 and 11 E.

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

T35S R10E  
S36

S1 | S6  
R10E R11E

T36S  
C C

1957

From this closing cor., the standard ¼ sec. cor. of sec. 36 bears W. 15.13 chs. dist, an iron post, 2½ ins. diam., conforming to the record.

Land, broken

Soil, shallow sand and exposed sandstone.

Timber, none.

ASADO

Chains

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the townsh.  
N. 0° 01' W., bet. secs. 35 and 36.

Over broken land; asc. 50 ft. over broken top of butte.

9.00 Top of ascent on butte; desc. 40 ft. over top of butte.

23.00 N. rim of butte, curves to the SW. and to the SE.; desc. 270 ft. over broken NE. slope.

40.00 Point for the 1/4 sec. cor. of secs. 35 and 36.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E

1/4

S35|S36

1957

48.30 Rim, facing NE., bears N. 20° W. and S. 30° E.; desc. 240 ft. along ledgy E. slope.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

S26|S25

S35|S36

1957

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the township.

S. 89° 59' W., bet. secs. 25 and 36.

Over broken land; asc. 160 ft. over SE. slope.

40.01 Point for the 1/4 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

1/4

S25

S36

1957

Cor. is located on a spur, sloping S.

Desc. 320 ft. over broken SW. slope.

75.80 Wash, course S. 20° E.; asc. 30 ft.

80.02 The cor. of secs. 25, 26, 35 and 36.

## Position of the Subdivision, T. 36 S., R. 10 E.

## Chetas

10.00

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township.  
N. 0° 02' W., bet. secs. 33 and 34.

Over rolling land, with considerable exposed sandstone.

36.00

Wash, 60 lks. wide, 10 ft. deep, course SW.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

$$\begin{array}{c} \frac{1}{4} \\ S33 | S34 \end{array}$$

1957

Continue over rolling exposed sandstone.

80.00

Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

$$\begin{array}{c} S28 | S27 \\ S33 | S34 \end{array}$$

1957

Land, rolling.

Soil, shallow sand on sandstone surface.

Timber, none.

N. 0° 02' W., bet. secs. 27 and 28.

Over rough broken land; desc. 90 ft. over broken NE. slope.

8.20

Wash, 80 lks. wide, 6 ft. deep, drains steeply to E.; asc. 100 ft.

22.40

Spur, slopes S. 70° E.; desc. 50 ft. over NE. slope.

30.30

Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

$$\begin{array}{c} \frac{1}{4} \\ S28 | S27 \end{array}$$

W C

1957

30.40

Rim, facing NE., bears E. and W.; desc. 240 ft. abruptly.

Chains		miles
34.00	Wash, drains steeply to E.; asc. 240 ft. abruptly over S. face of same rim.	
39.00	Top of a narrow inaccessible point extending E. 10 chs. to end; desc. 500 ft. over rim facing N. and bearing E. and W., into Bullfrog Canyon.	
40.00	Point for the 1/2 sec. cor. of secs. 27 and 28 falls on inaccessible S. wall of Bullfrog Canyon.	
73.00	Bullfrog Creek, an intermittent stream, meanders SE.	
80.00	Point for the cor. of secs. 21, 22, 27 and 28 falls in an inaccessible portion of Bullfrog Canyon.	
	Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, none.	
	N. 0° 02' W., bet. secs. 21 and 22.	
	Asc. 640 ft. over high N. wall of Bullfrog Canyon.	
23.00	N. rim of same Canyon, bears NW. and SE.	
23.20	Point selected for the witness cor. of secs. 21, 22, 27 and 28.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 3 ins. in the ground to bedrock and in a mound of stone, 5 ft. base to top, with brass cap mkd.	
	T36S R10E S21   S22 S28   S27 W C 1957	
	Thence along rocky W. slope.	
40.00	Point for the 1/2 sec. cor. of secs. 21 and 22.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T36S R10E S21   S22 1957	
	Continue along W. slope.	
61.80	Small draw, drains NW.	
80.00	Point for the cor. of secs. 15, 16, 21 and 22.	
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T36S R10E S16   S15 S21   S22 1957	
	Land, broken. Soil, shallow sand and exposed sandstone. Timber, none.	

Chains

N. 0° 02' W., bet. secs. 15 and 16.

Over broken land.

1.00 Top of ledge facing S.; asc. slight S. slope.

5.20 Spur, slopes W.; desc. 400 ft. over broken NW. slope.

30.00 Wash, drains steeply to SW. from N.; thence along bottom of wash.

35.00 Leave wash, drains from NE.; asc. over rocky broken SE. slope.

40.00 Point for the 1/4 sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

1/4  
S16 | S15  
1957

Asc. 390 ft. over rocky broken SE. slope.

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

S 9 | S10  
S16 | S15  
1957

Land, broken.

Soil, shallow sand and exposed sandstone.

Timber, none.

N. 0° 02' W., bet. secs. 9 and 10.

Over broken land; asc. 20 ft. abruptly.

0.50 S. rim of a bench, bears N. 70° E. and S. 60° W.; thence over gently rolling bench land.

40.00 Point for the 1/4 sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground and in a mound of stone, with brass cap mkd.

T36S R10E

1/4  
S 9 | S10  
1957

Bury charcoal around the iron post.

49.30 S. rim of a draw, bears NE. and SW.; desc. 100 ft. over broken NW. slope.

55.80 Wash in bottom of draw, course SW.; asc. 100 ft. over broken S. slope.

61.80 N. rim of same draw, bears W. and SE.; thence over rolling bench land.

Chains

80.00

Point for the cor. of secs. 3, 4, 9 and 10.

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

T36S R10E;  
S 4 | S 3  
S 9 | S 10  
1957

Land, rolling and broken.

Soil, sand and exposed sandstone.

Timber, none.

N. 0° 02' W., bet. secs. 3 and 4.

Over rolling bench land.

40.00

Point for the ¼ sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.

T36S R10E  
S 4 | S 3  
1957

Continue over rolling land.

46.10

Top of slope, bears E. and W.; desc. 70 ft. over steep N. slope.

48.60

Base of slope, bears E. and W.; thence over rolling land.

77.51

Intersect the Seventh Standard Parallel South at the point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T35S R10E  
S 33  
S 4 | S 3  
T36S R10E  
1957

From this closing cor., the standard ¼ sec. cor. of sec. 33 bears W. 15.24 chs. dist., an iron post, 2½ ins. diam., conforming to the record.

Land, rolling.

Soil, sandy.

Timber, none.

The point for the cor. of secs. 1 and 2 is on the Seventh Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

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

Portion of the Subdivision, T. 36 S., R. 10 E.

Chains

T35S R10E

S35

S2 | S1

T36S

1957

Build a mound of stone, 3 ft. base, 2 ft. high, S. of the iron post.

From this cor., the standard 1/4 sec. cor. of sec. 35 bears W., 15.16 chs. dist., an iron post, 2 1/2 ins. diam., conforming to the record.

The point for the 1/4 sec. cor. of sec. 2 is on the Seventh Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground with brass cap mkd.

1/4 S 2

T36S R10E

1957

Build a mound of stone, 2 ft. base, 2 ft. high, S. of the iron post.

From this cor., the standard 1/4 sec. cor. of sec. 35 bears E., 24.82 chs. dist., an iron post, 2 1/2 ins. diam., conforming the record.

The point for the cor. of secs. 2 and 3 is on the Seventh Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T35S R10E

S34

S3 | S2

T36S

1957

Build a mound of stone, 2 1/2 ft. base, 2 ft. high, S. of the iron post.

From this cor., the standard 1/4 sec. cor. of sec. 34 bears W., 15.20 chs. dist., an iron post, 2 1/2 ins. diam., conforming to the record.

From the cor. of secs. 1 and 2 on the N. bdy. of the township heretofore described.

S. 0° 01' E., bet. secs. 1 and 2.

Over rolling bench land.

37.36

Point for the 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground with brass cap mkd.

T36S R10E

S2 | S1

1957

Chains

ailed O

Build a mound of stone, 3 ft. base, 2½ ft. high, W. of the iron  
Continue over rolling bench land.

77.36

Point for the cor. of secs. 1, 2, 11 and 12, at a dist. calculated  
to intersect a parallel connecting the true point for the corner  
secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9  
and 10.

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

T36S R10E

S 2 | S 1

S11 | S12

1957

Build a mound of stone, 3 ft. base, 2½ ft. high, W. of the iron post  
Land, rolling bench.  
Soil, sand.  
Timber, none.

From the cor. of secs. 2 and 3 on the N. bdy. of the township, here-  
before described.

S. 0° 02' E., bet. secs. 2 and 3.

Over rolling land.

37.43

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

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

T36S R10E

S3 | S2

1957

Build a mound of stone, 2 ft. base, 2 ft. high, W. of the iron post.

59.90

Bladed road, bears N. 70° E. and SW.

77.43

Point for the cor. of secs. 2, 3, 10 and 11, at a dist. calculated  
to intersect a parallel connecting the true point for the cor. of  
secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9  
and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground,  
and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

S 3 | S 2

S10 | S11

1957

Land, rolling.  
Soil, sand.  
Timber, none.

From the cor. of secs. 1, 2, 11 and 12.

S. 89° 53' W., bet. secs. 2 and 11.

Portion of the Subdivision, T. 36 S., R. 10 E.

Chains

Over rolling bench land.

4.90 Trail road, bears N. 30° W. and S. 30° E.

34.10 Top of low ridge, bears NW. and SE.; desc. 30 ft.

39.97 Point for the 1/4 sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T36S R11E

1/4 S 2 / S11

1957

Build a mound of stone, 3 ft. base, 3 ft. high, N. of the iron post.

46.00 Rim, facing SW., bears NW. and SE.; desc. 180 ft. over steep rocky SW. slope.

66.00 Wash, drains S.; asc. steep rocky SE. slope.

79.11 Rim, facing SE., bears NE. and SW..

79.93 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and broken.  
Soil, sand and exposed sandstone.  
Timber, none.

From the cor. of secs. 15, 16, 21 and 22.

N. 89° 59' W., bet. secs. 16 and 21.

Over rough broken land; desc. 160 ft. over W. slope.

13.20 Rim of Bullfrog Canyon, facing W.; bears N. and SE.; desc. about 550 ft. abruptly.

24.00 Wash, course S.; asc. 800 ft. abruptly.

40.00 Point for the 1/4 sec. cor. of secs. 2 and 11, falls on inaccessible E. face of ledge, bearing N. and S.

40.30 Point selected for the witness 1/4 sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

1/4 S16 W / S21 C

1957

Cor. is located on a narrow high point, projecting S., 3 chs. to end

40.90 Rim of Bullfrog Canyon, facing W., bears N. 20° W. and S. 20° E.; desc. 800 ft. abruptly over high cliff and talus slope.

49.00 Bullfrog Creek, an intermittent stream, course SE.; thence over broken land in the bottom of Bullfrog Canyon.

Chains

CHAIN

80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E

S17|S16

S20|S21

1957

Land, rough and broken.  
Soil, sand and exposed sandstone.  
Timber, scattering cottonwoods along Bullfrog Creek.

N. 0° 03' W., bet. secs. 16 and 17.

Over broken land in the bottom of Bullfrog Canyon, draining E.

19.20

Drain, course E.

40.00

Point for the ¼ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

¼

S17|S16

1957

43.30

Bullfrog Creek, an intermittent stream, course E., 15 chs.; thence S.; asc. 70 ft. in bottom of Bullfrog Canyon.

73.00

Base of talus slope, bears NW. and SE.; asc. 130 ft. over broken talus SW. slope.

79.60

Point selected for the witness cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R10E

S 8 AS 9

S17|S16

W C

1957

79.80

Base of high vertical wall, facing SW.; the rim of Bullfrog canyon bears NW. and SE., about 5 chs.; thence NE.

80.00

Point for the cor. of secs. 8, 9, 16 and 17 falls on inaccessible cliff.

Land, rough and broken.  
Soil, sand and exposed sandstone.  
Timber, scattering cottonwoods along Bullfrog Creek.

From the cor. of secs. 9, 10, 15 and 16.

S. 89° 58' W., bet. secs. 9 and 16.

Portion of the Subdivision, T. 36 S., R. 10 E.

Chains

- Over rolling land; asc. 30 ft. over SE. slope.
- 0.90 Rim of bench, facing SE.; thence over rolling bench land.
- 22.10 Rim of same bench, faces NW.; desc. 150 ft. over broken NW. slope.

40.01 Point for the cor. of secs. 9 and 16.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E

¼  $\frac{S 9}{S16}$

1957

- Desc. 160 ft. along broken NW. slope.
- 53.80 Rim of Bullfrog Canyon, facing NW., bears NE. and SW.; desc. about 560 ft. abruptly.
- 61.00 Wash, drains SW. to Bullfrog Creek; asc. about 300 ft. over talus SE. slope.
- 70.00 Base of high vertical wall, bears NE. and W. along line.
- 80.02 True point for the cor. of secs. 8, 9, 16 and 17.

Land, rough and broken in W.; rolling bench in E.  
 Soil, sand and exposed sandstone.  
 Timber, none.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, 2½ ins. diam., described in the field notes of T. 37 S., R. 10 E.

N. 0° 03' W., bet. secs. 32 and 33.

Over rolling land; asc. 160 ft. over general S. slope.

- 40.00 Point for the ¼ sec cor. of secs. 32 and 33.  
 Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) in sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

S32 | S33

1957

Asc. 100 ft. over general S. slope.

- 80.00 Point for the cor. of secs. 28, 29, 32 and 33.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E

$\frac{S29 | S28}{S32 | S33}$

1957

Portion of the Subdivision T36 S., R. 10 E.

Chains

01210

Land, rolling.  
Soil, sandy.  
Timber, none.

From the cor. of secs. 5, 6, 31 and 32 on the S. by. of the town-  
ship, an iron post, 2½ ins. diam., described in the field notes of  
T. 37 S., R. 10 E.  
N. 0° 03' W., bet. secs. 31 and 32.

Over rolling and broken land; asc. 90 ft. over ledgy S. slope.

13.70 Spur, slopes SE.; desc. 60 ft. over NE. slope.

26.40 Draw, drains SE.; thence along SE. slope.

39.00 Point selected for the witness ¼ sec. cor. of secs. 31 and 32.

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

T36S R10E

S31|S32

W G

1957

39.50 Rim of Long Canyon, facing NE.; bears NW. and SE.; desc. 480 ft. over  
high ledge and steep NE. slope to wash.

40.00 Point for the ¼ sec. cor. of secs. 31 and 32 is inaccessible.

67.00 Wash, in bottom of Long Canyon, course SE.; asc. along gentle SW.  
slope.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the  
ground, and in a mound of stone, 3 ft. base to top, with brass cap  
mkd.

T36S R10E

S30|S29

S31|S32

1957

Land, rough and rolling.  
Soil, sand and exposed sandstone.  
Timber, none.

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

West, bet. secs. 29 and 32.

Over rolling land, draining southerly.

6.20 Wash, course S.

40.00 Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X)  
on sandstone surface, and in a mound of stone, 4 ft. base to top,  
with brass cap mkd.

## Portion of the Subdivision, T. 36 S., R. 10 E.

Chains

T36S R10E.

$$\frac{1}{4} \frac{S29}{S32}$$
 1957

Desc. 80 ft. along S. slope.

- 51.50 Rim of Long Canyon, facing W., bears N. and SE.; desc. 470 ft. over high cliff and steep W. slope.
- 60.00 Base of steep slope, bears NW. and SE.; thence over gentle SW. slope
- 80.00 The cor. of secs. 29, 30, 31 and 32.

Land, rough in W., rolling in E.  
Soil, sand and exposed sandstone.  
Timber, none.

## GENERAL DESCRIPTION

The land in T. 36 S., R. 10 E. is high bench land. The elevation ranges from 4800 ft. to 5400 ft. and is cut by canyons, the bottom of which range to 4000 ft. above sea level. The main drainage is SE. and consists of Long Canyon, Bullfrog Canyon and its tributaries.

An abandoned oil well has been drilled in the SE.  $\frac{1}{4}$  of the unsurveyed sec. 18. Numerous uranium claims were staked with in the township, but none of them were being worked commercially at the time of the survey.

The principal water source within the township is found in pools in the bottom of Bullfrog Creek.

Timber consists of a few scattered cottonwoods along the bottom of Bullfrog Creek and scattering scrub juniper in the W. and SW. portion of the township.

The surface is used for winter sheep grazing.



CERTIFICATE OF CADASTRAL ENGINEER

We, Boyd S. Owens and Dell Cazier, HEREBY CERTIFY upon honor the

pursuance of special instructions bearing date of the 13th day of May, 1957

WE X have surveyed the east boundary and a portion of the subdivision of Township 36

Range 10 East

of the Salt Lake Meridian, in the State of Utah, which

represented in the foregoing field notes as having been executed by me and under my direction; and

said survey has been made in strict conformity with said instructions, the Manual of Instructions for

Survey of the Public Lands of the United States, and in the specific manner described in the foregoing

field notes.

December 12, 1957

Salt Lake City, Utah

Boyd S. Owens  
Boyd S. Owens - Cartographic Surveyor  
Dell Cazier  
Dell Cazier - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 1957

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

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

\_\_\_\_\_  
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor the pursuance of special instructions bearing date of the 13th day of May

I have ~~personally~~ supervised the survey of the east boundary and a portion of the subdivision of Township 36 South, Range 10 East

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

December 12, 1957  
Salt Lake City, Utah

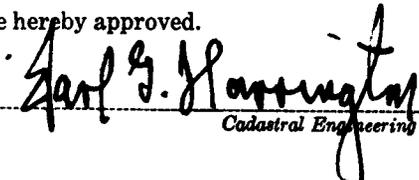
  
Vern E. Lane  
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 36 South, Range 10 East, Salt Lake Meridian, Utah

executed by Boyd S. Owens and Dell Cazier, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

  
Earl G. Harrington  
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL  
FIELD NOTES

OF THE SURVEY

OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 36 SOUTH, RANGE 11 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

C. P. Sylvester - Cartographic Survey Aid

Under special instructions dated May 13, 1956, which provided  
for the surveys included under Group No. 401, approved July 5, 1956  
and assignment instructions dated September 11, 1957

Survey commenced September 30, 1957

Survey completed October 26, 1957

# INDEX DIAGRAM

*Township* 36 South, *Range* 11 East

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246

## Township 36 South, Range 11 East

## Chains

The north boundary was surveyed by Fred R. Chappell and its record appears in the field notes of the 1955 survey of the Seventh Standard Parallel South, R. 11 E. The west and south boundaries were concurrently surveyed under Group 401. The west boundary was surveyed by Boyd S. Owens and its record appears in the field notes of the 1957 survey of T. 36 S., R. 10 E. The south boundary was surveyed by C. P. Sylvester and its record appears in the field notes of the 1957 survey of T. 37 S., R. 11 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 36 S., R. 11 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

The survey was executed with a W. and L. E. Gurley transit, serial No. 461263, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

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

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; the field notes show the horizontal equivalents only. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by triangulation or traverse methods. The distance to topography on lines run by traverse or triangulation are approx. as scaled from U.S.G.S. topographic sheets. The details of such traverse or triangulation have been thoroughly checked and verified and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey was determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation and supplemented by other numerous altitude observations on the sun for azimuth taken throughout the progress of the survey.

The geographic position for the SE. corner of T. 36 S., R. 11 E. is at latitude  $37^{\circ} 37' 39''$  N. and longitude  $110^{\circ} 38' 12''$  W., as determined by traverse from U.S.G.S. triangulation station "Mancus", situated in the northeast portion of sec. 5, T. 37 S., R. 12 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ}$  E.



East Boundary of T. 36 S., R. 11 E.

Chains

T36S  
R11E R12E  
S25  
1957

Continue to asc. 80 ft. along broken E. slope.

42.00 Spur, slopes E.; desc. 75 ft. along E. slope.

50.00 Wash, 40 lks. wide, 3 ft. deep, drains S. 60° W.; thence along W. slope of wash.

61.80 Same wash, drains S. 20° W.; asc. 80 ft. over S. slope.

74.60 Spur, sloping E.; continue to asc. along steep E. slope.

80.00 Point for the cor. of secs. 24 and 25.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S  
R11E R12E  
S24  
S25  
1957

Land, broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and mountain rush.

North, along the E. bdy. of sec. 24.

Over rolling land, along E. slope.

40.00 Point for the ¼ sec. cor. of sec. 24.

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

T36S  
R11E R12E  
¼  
S24  
1957

No suitable accessories available.

Desc. 15 ft. along E. slope.

45.50 Wash, 30 lks. wide, 3 ft. deep, drains S. 20° E.; thence along wash bottom.

58.90 Leave wash, which curves N. 10° E.; asc. 145 ft. along broken E. slope.

80.00 Point for the cor. of secs. 13 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S  
R11E R12E  
S13  
S24  
1957

East Boundary of T. 36 S., R. 11 E.

Chains

521110

Land, rolling to broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

North, along the E. bdy. of sec. 13.

Over rolling to broken land, through scattered juniper and pinion.  
Asc. 45 ft. along E. slope.

- 2.10 E. edge of small rocky knoll, continue to asc. 15 ft. along E. slope.
- 12.90 Small spur, slopes E.; continue to asc. 80 ft. over S. slope.
- 34.80 Spur, slopes E.; desc. 45 ft. over N. slope.
- 40.00 Point for the 1/4 sec. cor. of sec. 13.

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

T36S  
R11E R12E  
1/4  
S13  
1957

Continue along E. slope.

- 53.90 Wash, 20 lks. wide, 2 ft. deep, drains S.; thence along wash bottom.
- 69.60 Unimproved road, bears N. 20° W. and S. 20° E.
- 77.80 Leave wash, which bears N. 10° W.; asc. 30 ft. over rolling land with slight W. slope.
- 80.00 Point for the cor. of secs. 12 and 13.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R11E R12E  
S12  
S13  
1957

Land, rolling to broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, mountain rush and cacti.

North, along the E. bdy. of sec. 12.

Over rolling land, with a slight W. slope.  
Asc. 130 ft. over slight W. slope.

- 40.00 Point for the 1/4 sec. cor. of sec. 12.

East Boundary of T. 36 S., R. 11 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R11E R12E

½  
S12  
1957

Continue over rolling land.

44.60 Wash, 20 lks. wide, 3 ft. deep, drains S. 10° W.; asc. 110 ft. over E. slope.

70.40 Base of sandstone ledge; asc. 215 ft. over steep SE. slope.

77.00 Crest of rim, bears S. 50° W. and N. 50° E.; desc. 25 ft. over steep NW. slope.

80.00 Point for the cor. of secs. 1 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S  
R11E R12E

S 1  
S12  
1957

Land, broken to rolling.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and mountain rush.

North, along the E. bdy. of sec. 1.

Over broken land, through scattered juniper and pinion.

Asc. 125 ft. along broken SW. slope.

22.30 Small sandstone point, projects E., 50 lks. to end; continue to asc. 160 ft. along broken SE. slope.

38.40 S. crest of bench, bears N. 45° E. and S. 45° W.; thence desc. 5 ft. over bench,

40.00 Point for the ¼ sec. cor. of sec. 1.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R11E R12E

½  
S1  
1957

Asc. 55 ft. over bench.

59.40 Rim, bears E. and W.; desc. 240 ft. over steep N. slope into ravine.

68.80 Wash in bottom of ravine, drains S. 60° W.; asc. 205 ft. over steep S. slope.

East Boundary of T. 36 S., R. 11 E.

Chains

amended

77.00

Spur, slopes S. 45° W.

77.48

Intersect the Seventh Standard Parallel South.

Point for the closing cor. of T. 36 S., R. 11 E. and T. 35½ S., R. 12 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base to top, with brass cap mkd.

T35S R12E  
 S31  
 S 1 |  
 R11E R12E  
 T36S T35½S  
 C C  
 1957

from which

The standard cor. of Ts. 35 S., Rs. 11 and 12 E., conforming to the record, bears W. 8.55 chs. dist.

Land, broken.

Soil, sandy silt, with exposed sandstone.

Timber, scattered juniper and pinion.

Undergrowth, black brush, bitter brush and mountain rush.

Portion of the Subdivision, T. 36 S., R. 11 E.

From the true point for the cor. of secs. 1, 2, 35 and 36 on the S. bdy., which is witnessed S. 89° 58' E., 1.00 ch. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 11 E.

N. 0° 01' W., bet. secs. 35 and 36.

Over broken land, through scattered juniper and pinion.

0.30 Wash, 20 lks. wide, 4 ft. deep, drains S. 60° E.; thence along wash bottom.

4.00 Leave wash, which curves E.; asc. 90 ft. over S. slope.

7.80 Spur, slopes E., 4 chs. to wash; desc. 135 ft. over N. slope.

14.70 Same wash as above, drains S. 60° E.; thence N. along wash bottom.

18.30 Leave wash bottom, curves N. 70° E.; asc. 195 ft. along broken E. slope.

37.50 Crest of E. slope; thence over rolling land, with a slight S. slope.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R11E  
 ¼  
 S35 | S36  
 1957

Continue to asc. 115 ft. over S. slope.

## Portion of the Subdivision of T. 36 S., R. 11 E.

Chains

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R11E

S26|S25

S35|S36

1957

Land, broken to rolling.

Soil, sandy silt, with exposed sandstone.

Timber, scattered juniper and pinion.

Undergrowth, scattered black brush, mountain rush and cacti.

From the cor. of secs. 25 and 36 on the E. bdy.

West, bet. secs. 25 and 36.

By triangulation; desc. 80 ft. over W. slope.

27.00

Wash, 30 lks. wide, 3 ft. deep, drains S. 45° W.; asc. 120 ft. over E. slope.

39.95

Point for the ¼ sec. cor. of secs. 25 and 36.

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

T36S R11E

¼ S25

S36

1957

Continue to asc. 125 ft. over E. slope.

46.80

Slope changes to S.; thence over rolling land.

79.91

The cor. of secs. 25, 26, 35 and 36.

Land, broken to rolling.

Soil, sandy silt, with exposed sandstone.

Timber, scattered juniper and pinion.

Undergrowth, scattered black brush, mountain rush and cacti.

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

N. 0° 02' W., bet. secs. 33 and 34.

Over rolling land, through scattered juniper and pinion.

Asc. 85 ft. over slight S. slope.

15.20

S. rim of low mesa, bears E. and W.; thence over nearly level mesa top.

19.40

Unimproved road, bears S. 60° E. and N. 60° W.

30.70

N. rim of low mesa, bears N. 45° W. and S. 45° E.; thence desc. 40 ft. over broken NE. slope.

35.80

Unimproved road, bears N. 70° E. and S. 70° W.

<p>Chains 40.00</p>	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 33 and 34.</p>	<p>00.08</p>
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E S33 S34 1957</p> <p>Asc. 20 ft. over rolling land, with a slight E. slope.</p>	
<p>80.00</p>	<p>Point for the cor. of secs. 27, 28, 33 and 34.</p>	
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E S28 S27 S33 S34 1957</p> <p>No suitable accessories available.</p>	
	<p>Land, rolling. Soil, sandy silt. Timber, scattered juniper and pinion. Undergrowth, scattered black brush, mountain rush and cacti.</p>	
	<p>N. 0° 02' W., bet. secs. 27 and 28.</p>	
	<p>Over rolling land, with a slight E. slope, through scattered juniper and pinion.</p>	
<p>6.00</p>	<p>Slope changes to N.; desc. 105 ft. over N. slope.</p>	
<p>40.00</p>	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 27 and 28.</p>	
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E S28 S27 1957</p>	
	<p>Raise a mound of stone, 3 ft. base, 18 ins. high, W. of cor.</p>	
	<p>Desc. 60 ft. over broken N. slope.</p>	
<p>47.80</p>	<p>Wash, 20 lks. wide, 4 ft. deep, drains S. 80° W.; asc. 80 ft. over steep SE. slope.</p>	
<p>63.00</p>	<p>Spur, sloping SW.; desc. 20 ft. along, slight N. slope.</p>	
<p>80.00</p>	<p>Point for the cor. of secs. 21, 22, 27 and 28.</p>	
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E S21 S22 S28 S27 1957</p>	
	<p>No suitable accessories available.</p>	

Chain	<p>Land, rolling to broken.                  Soil, sandy silt, with exposed sandstone.                  Timber, scattered juniper and pinion.                  Undergrowth, scattered black brush, mountain rush and cacti.</p>
40.00	<p>N. 0° 02' W., bet. secs. 21 and 22.                  Over rolling land, with slight SW. slope.                  Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 21 and 22.                  Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E  <math>\frac{1}{4}</math>                  S21 S22                  1957</p>
55.00	<p>No suitable accessories available.                  Asc. 40 ft. over slight S. slope.                  Low spur, sloping W.; desc. 65 ft. over N. slope.</p>
76.20	<p>Wash, 20 lks. wide, 5 ft. deep, drains S. 30° W. from N.; thence along W. bank of wash.</p>
80.00	<p>Point for the cor. of secs. 15, 16, 21 and 22.                  Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E                  S16 S15                  S21 S22                  1957</p>
6.50	<p>N. 0° 02' W., bet. secs. 15 and 16.                  Over rolling land, through scattered juniper and pinion.                  Leave wash, which curves N. 40° E.; asc. 45 ft. over slight S. slope.</p>
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 15 and 16.                  Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E  <math>\frac{1}{4}</math>                  S16 S15                  1957</p>
	<p>No suitable accessories available.                  Asc. 105 ft. over S. slope.</p>

Portion of the Subdivision of T. 26 S., R. 11 E.

Chains

64.00

Low mesa rim, bears E. and W.; asc. 25 ft. over slight S. slope.

80.00

Point for the cor. of secs. 9, 10, 15 and 16.  
Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground with brass cap mkd.

T368 R11E

S 9 | S10

S16 | S15

1957

Land, rolling, with a slight S. slope.  
Soil, sandy silt.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, mountain rush and cacti.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling land, through scattered juniper and pinion.

Asc. 45 ft. over slight S. slope.

40.00

Point for the ¼ sec. cor. of secs. 9 and 10.  
Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.

T369 R11E

S 9 | S10

1957

Continue to asc. 35 ft. over slight S. slope.

54.30

Unimproved road, bears N. 40° E. and S. 40° W.

67.50

Crest of S. slope; desc. 45 ft. along broken, ledgy NW. slope.

77.20

Point selected for the witness cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T368 R11E

W C

S 4 | S 3

S 9 | S10

1957

Continue to desc. 40 ft. over broken NW. facing ledges.

80.00

True point for the cor. of secs. 3, 4, 9 and 10, falls on broken NW. facing ledge, where it is impractical to set the monument.

Land, rolling to broken in the N. portion of the mile.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

N. 0° 02' W., bet. secs. 3 and 4.

Over broken, ledgy land, through scattered juniper and pinion.

Portion of the Subdivision of T. 36 S., R. 11 E.

Chains	
5.00	By triangulation; desc. 80 ft. over broken NW. facing ledges.
20.00	Small wash, near head, drains S. 45° W.; asc. 160 ft. over broken SE. facing ledges.
33.00	Spur, sloping S. 45° W.; desc. 160 ft. over broken NW. facing ledges.
40.00	Wash, near head, drains S. 45° W.; asc. 240 ft. over broken SE. facing ledges.
40.00	Point for the ¼ sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T36S R11E</p> <p style="text-align: center;">S 4   S 3</p> <p style="text-align: center;">1957</p>
54.70	By chaining; desc. 85 ft. over broken NW. facing ledges.
61.50	Small wash in bottom of ravine, drains S. 30° W.; asc. 90 ft. over broken SE. facing ledges.
61.50	Crest of SE. slope; thence over rolling mesa top.
77.38	Intersect the Seventh Standard Parallel South.
	Point for the closing cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	<p style="text-align: center;">T35S R11E</p> <p style="text-align: center;">S C S34</p> <p style="text-align: center;">S 4   S 3</p> <p style="text-align: center;">T36S R11E</p> <p style="text-align: center;">C C</p> <p style="text-align: center;">1957</p>
	From which
	The standard sec. cor. of secs. 33 and 34 bears W. 8.63 chs. dist.
	Land, broken ledges.
	Soil, sandy silt, with exposed sandstone.
	Timber, scattered juniper and piñon.
	Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.
	The point for the cor. of secs. 1 and 2 on the N. bdy. of the township is on the Seventh Standard Parallel South and at proportionate dist. bet. the NE. cor. of the township and the closing corner of secs. 3 and 4.
	At the corner point.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T35S</p> <p style="text-align: center;">S36</p> <p style="text-align: center;">S 2   S 1</p> <p style="text-align: center;">T36S R11E</p> <p style="text-align: center;">1957</p>

Portion of the Subdivision of T. 36 S., R. 11 E.

Chains		cont'd
	<p>From this cor., the standard <math>\frac{1}{4}</math> sec. cor. of sec. 35 and 36, an iron post, 2½ ins. diam., conforming to the record, bears W. 8.58 chs. dist.</p>	<p>00.2</p>
	<p>The point for the <math>\frac{1}{4}</math> sec. cor. of sec. 2 on the N. bdy. of the township is on the Seventh Standard Parallel South, and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.</p> <p>At the corner point,</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T35S  <math>\frac{1}{4}</math> S 2                      T36S R11E                      1957</p> <p>From this cor., the standard <math>\frac{1}{4}</math> sec. cor. of sec. 35, an iron post, 2½ ins. diam., conforming to the record, bears W. 8.58 chs. dist.</p>	<p>00.2</p>
	<p>The point for the corner of secs. 2 and 3 on the N. bdy. of the township is on the Seventh Standard Parallel South and at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 3 and 4.</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T35S                      S35                      S 3   S 2                      T36S R11E                      1957</p> <p>From this cor., the standard sec. cor. of secs. 34 and 35, mkd. by an iron post, 2½ ins. diam., conforming to the record, bears W. 8.60 chs. dist.</p>	<p>00.2</p>
<p>3.70</p> <p>22.90</p> <p>34.90</p> <p>37.41</p>	<p>From the cor. of secs. 2 and 3 on the N. bdy.</p> <p>S: 0° 01' E., bet. secs. 2 and 3.</p> <p>Over rolling land, through scattered juniper and pinon.</p> <p>Asc. 110 ft. over broken NW. slope.</p> <p>N. rim of mesa, bears S. 45° W. and N. 45° E.; thence over nearly level mesa top.</p> <p>S. rim of mesa, bears S. 45° W. and N. 45° E.; desc. 215 ft. over broken SE. slope.</p> <p>Base of SE. slope; thence over rolling land, with a slight SW. slope.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 2 and 3.</p>	<p>00.2</p>

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R11E  
 $\frac{1}{4}$   
 S 3 | S 2  
 1957

Desc. 65 ft. over rolling land, with a slight SW. slope.

77.41 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R11E  
 S 3 | S 2  
 S10 | S11  
 1957

Land, rolling.  
 Soil, sandy silt.  
 Timber, widely scattered juniper and pinion.  
 Undergrowth, scattered black brush and a moderate dense growth of grama grass.

S. 89° 59' E., bet. secs. 2 and 11, on a theoretical parallel connecting the cors. of secs. 1, 6, 7 and 12 on the E. bdy., and the true point for the cor. of secs. 3, 4, 9 and 10 as specified in the special instructions.

Over rolling land, with a slight SW. slope, through widely scattered juniper and pinion.

2.60 Wash, 20 lks. wide, 3 ft. deep, drains SW.; asc. 70 ft. over slight SW. slope.

40.00 Point for the ¼ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R11E  
 $\frac{1}{4}$  S 2  
 S11  
 1957

Continue to asc. 20 ft. over slight SW. slope.

44.70 Base of steep broken SW. slope, bears NW. and SE.; asc. 195 ft. over same.

48.60 Crest of knoll; desc. 325 ft. over steep, broken SE. slope.

62.30 Wash, 30 lks. wide, 5 ft. deep, drains SW.; asc. 50 ft. over slight SW. slope.

80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R11E  
 S 2 | S 1  
 S11 | S12  
 1957

Part of the Subdivision of T. 26 S., R. 11 E.

Chains	<p>Land, rolling to broken. Soil, sandy silt. Timber, widely scattered juniper and pinion. Undergrowth, scattered black brush and a moderate dense growth of grama grass.</p>	uniatO
	<p>N. 0° 01' W., bet. secs. 1 and 2.</p> <p>Over rolling land, through widely scattered juniper and pinion.</p> <p>Asc. 75 ft. along W. slope.</p>	
15.30	Low spur, slopes W.; desc. 30 ft. over N. slope.	
23.00	Swale, drains W.; asc. 35 ft. along W. slope.	
40.00	Point for the 1/4 sec. cor. of secs. 1 and 2.	
	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E 1/4 S 2   S 1 1957</p>	
54.10	Continue along W. slope. Base of steep ledgy S. slope; asc. 205 ft. over same.	
61.40	Spur, slopes W.; desc. 155 ft. over broken N. slope.	
69.00	Small wash, drains SW.; asc. 60 ft. over S. slope.	
77.50	The cor. of secs. 1 and 2 on the N. bdy.	
	<p>Land, rolling. Soil, sandy silt. Timber, widely scattered juniper and pinion. Undergrowth, scattered black brush and grama grass.</p>	
	<p>From the cor. of secs. 15, 16, 21 and 22.</p> <p>N. 89° 58' W., bet. secs. 16 and 21.</p> <p>Over rolling land, through widely scattered juniper and pinion.</p>	
40.00	Point for the 1/4 sec. cor. of secs. 16 and 21.	
	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E 1/4 S16 S21 1957</p>	
	Continue over rolling land.	
74.00	Base of ledgy E. slope; asc. 75 ft. over same.	
80.00	Point for the cor. of secs. 16, 17, 20 and 21.	

Portion of the Subdivision of T. 36 S., R. 11 E.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R11E  
S17 | S16  
S20 | S21  
1957

Land, rolling to broken.  
Sandy silt, with exposed sandstone in W. portion of mile.  
Timber, widely scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and grama grass.

N. 03° 03' W., bet. secs. 16 and 17.

Over broken land, along an E. slope.

40.00

Point for the 1/4 sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 3-ft. base to top, with brass cap mkd.

T36S R11E  
S17 | S16  
1957

40.30

Base of ledgy SE. slope, bears NE. and SW.; asc. 210 ft. over same.

43.00

E. crest of butte, bears NE. and SW.; thence over broken top.

64.10

W. crest of butte, bears NE. and SW.; desc. 120 ft. over broken NW. facing ledges.

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T36S R11E  
S 8 | S 9  
S17 | S16  
1957

Land, rolling to broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, widely scattered juniper and pinion.  
Undergrowth, scattered black brush and grama grass.

From the cor. of secs. 9, 10, 15 and 16.

S. 89° 57' W., bet. secs. 9 and 16.

Over rolling land, through widely scattered juniper and pinion.

Asc. 25 ft. over slight E. slope.

13.30

Top of ascent on small knoll; desc. 95 ft. over slight W. slope.

40.01

Point for the 1/4 sec. cor. of secs. 9 and 16.

Portion of the Subdivision of T. 36 S., R. 11 E.

Chains

22220

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

T36S R11E

¼  $\frac{S 9}{S16}$   
1957

No suitable accessories available.

Continue to asc. 10 ft. over slight E. slope,

45.80 Top of ascent on rolling land; desc. 95 ft. over slight W. slope.

56.00 Small wash, near head, drains NW.; asc. 35 ft. over NE. slope.

70.00 Point of butte, projecting N.; desc. 40 ft. over NW. slope.

80.03 The cor. of secs. 8, 9, 16 and 17.

Land, rolling to broken.

Soil, sandy silt, with exposed sandstone.

Timber, widely scattered, juniper and pinion.

Undergrowth, scattered black brush and grama grass.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy.

N. 0° 03' W., bet. secs. 32 and 33.

Over broken land, through widely scattered juniper and pinion.

Asc. 30 ft. along top of small spur, sloping W.

12.00 Top of ascent on small spur, sloping W.; desc. 70 ft. along broken W. slope.

16.00 Small wash, drains S. 40° W.; asc. 75 ft. along broken W. slope.

23.90 Low spur, sloping W.; desc. 35 ft. along broken W. slope.

38.00 Small wash, drains W.; continue to desc. 45 ft. along broken W. slope.

40.00 Point for the ¼ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R11E

¼  $\frac{S32}{S33}$   
1957

Asc. 65 ft. along broken W. slope.

61.35 Spur, sloping W.; continue along broken W. slope, over a series of spurs and gullies, putting W.

78.60 Spur, sloping W.; desc. 60 ft. over N. slope.

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

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

Position of the Subdivision, T. 36 S., R. 11 E.

Chains

T36S R11E  
 S29|S28  
 S32|S33  
 1957

Land, broken.  
 Soil, sandy silt, with exposed sandstone.  
 Timber, widely scattered juniper and pinion.  
 Undergrowth, scattered black brush, bitter brush, mountain rush and grama grass.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township.  
 N. 0° 03' W., bet. secs. 31 and 32.

Over rolling land, through scattered juniper and pinion.

Asc. 45 ft. over slight S. slope.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R11E  
 1/4  
 S31|S32  
 1957

Continue to asc. 40 ft. over slight SW. slope.

58.50 Top of ascent on low spur, sloping E.; desc. 70 ft. over N. slope.

68.00 Wash, drains S. 70° E.; thence asc. 25 ft. along stream valley of wash.

79.00 Same wash, drains S. 20° W.

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R11E  
 S30|S29  
 S31|S32  
 1957

Land, rolling.  
 Soil, sandy silt.  
 Timber, widely scattered juniper and pinion.  
 Undergrowth, scattered black brush and grama grass.

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

S. 89° 59' W., bet. secs. 29 and 32.

Over broken land, through widely scattered juniper and pinion.

Desc. 140 ft. over steep broken N. slope.

8.00 Slope changes to W.; continue to desc. 145 ft. along broken W. slope.

36.60 Wash, drains S.; thence over nearly level stream valley.

40.00 Point for the 1/4 sec. cor. of secs. 29 and 32.

Portion of the Subdivision T. 36 S., R. 11 E.

Chains

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

T36S R11E

½  $\frac{S29}{S32}$   
1957

Continue over stream valley.

- 42.00 Unimproved road, bears N. and S.; asc. slight E. slope.
- 58.10 Base of steep E. slope; asc. 95 ft. over same.
- 63.25 Crest of bench; thence desc. 105 ft. over broken SW. slope.
- 79.10 Wash, drains S. 20° W.
- 80.00 The cor. of secs. 29, 30, 31 and 32.

Land, rolling to broken.  
Soil, sandy silt, with exposed sandstone in W. portion.  
Timber, widely scattered juniper and piñon.  
Undergrowth, scattered black brush, mountain rush and cacti.

GENERAL DESCRIPTION

The land in Township 36 South, Range 11 East is rolling in the east portion, becoming broken in the west portion. The general elevation ranges from approximately 4000 ft. above sea level along the bottoms of the canyons in the south portion of the township to 5202 ft. on a butte near the ½ sec. cor. of secs. 1 and 36 on the north boundary.

The drainage of the township is south by way of several canyons and their tributaries. Smith Fork enters the township at the east boundary, approximately 18 chains south of the cor. of secs. 24 and 25 and drains SW., leaving the township near the SW. cor. of sec. 36. A large tributary, unnamed, of Hansen Creek enters the township at the north boundary, approximately 15 chains east of the ½ sec. cor. of sec. 2 and drains SW. to a point approximately 5 chains NE. of the ½ sec. cor. of secs. 29 and 32, where it drains into Hansen Creek. Thompson Creek enters the township at the north boundary, approximately 30 chains east of the NW. cor. of the township and drains SE., approximately 1 mile to a confluence with Hansen Creek. Hansen Creek enters the township at the north boundary, approximately 7 chains west of the standard cor. of secs. 31 and 32 and drains south, leaving the township at the south boundary near the ½ sec. cor. of secs. 5 and 32. Shitamaring Creek enters the township at the north boundary, approximately 15 chains east of the standard cor. of secs. 32 and 33 and drains south and slightly west, approximately 1½ miles to a junction with Hansen Creek.

The soil of T. 36 S., R. 11 E. is principally a shallow, residual sandy silt, with numerous sandstone outcrops in the west portion. The vegetational cover consists of widely scattered juniper and piñon with an undergrowth of scattered black brush, mountain rush, grama grass and weeds.

There are several unimproved roads crossing the township. One from the east enters the township at the east boundary near the NE. cor. of sec. 13 and bears west and slightly north to a junction with a similar road along the bottom of Shitamaring Creek, approximately 60 chains NW. of the NW. cor. of sec. 16. A second road enters the township from the south, near the SW. cor. of sec. 34 and bears NE.

## Township 36 South, Range 11 East

Chains

to a junction with the first road, approximately 65 chains west of the NE. cor. of sec. 13. A third road enters the township approximately 10 chains west of the standard cor. of secs. 31 and 32 and bears south following along the stream valley of Hansen Creek, leaving the township at the south boundary near the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32. The fourth road, which enters the township at the north boundary, approximately 15 chains east of the standard cor. of secs. 32 and 33 bears south, following Shitamaring Creek, approximately  $2\frac{1}{2}$  miles to a junction with the first road, thence west, approximately 15 chains to a junction with the road along the bottom of Hansen Creek.

The only water noted in the township was a spring located in the NE. portion of sec. 9. There probably are small intermittent seeps along the bottom of Hansen Creek, but none were noted during the progress of this survey.

There has been considerable prospecting for uranium and related minerals throughout the township, but there were no producing mines or patented claims noted during the survey.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Principal Assistant
Ferral D. Reynolds	Chainman
Dale Barney	Flagman
Wilmer R. Baker	Axeman
Paul D. Hanson	Cornerman

I, Craig P. Sylvester, HEREBY CERTIFY upon honor the  
pursuance of special instructions bearing date of the 13th day of May 1958  
I have surveyed the east boundary and a portion of the subdivision of Township  
South, Range 11 East

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

January 3, 1958  
Salt Lake City, Utah

Craig P. Sylvester  
Craig P. Sylvester - Cartographic S

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 1958

The foregoing field notes of the survey of \_\_\_\_\_  
executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.

*Cadastral Engineering Staff Office*

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
is a true copy of the original field notes.

*Cadastral Engineering Staff Office*

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1958

I have supervised the survey of the east boundary and a portion of the subdivision of Township 36 South, Range 11 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision 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.

January 3, 1958
Salt Lake City, Utah

Vern E. Lane
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of Township 36 South, Range 11 East, Salt Lake Meridian, Utah

executed by C. P. Sylvester, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

Carl G. Harrington
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

THE SOUTH BOUNDARY

OF

TOWNSHIP 35 $\frac{1}{2}$  SOUTH, RANGE 12 EAST,

A PORTION OF THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 36 SOUTH, RANGE 12 EAST

Of the Salt Lake Meridian,

In the State of Utah

### EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Under special instructions dated May 13, 1956, which provided  
for the surveys included under Group No. 401, approved July 5, 1956  
and assignment instructions dated September 11, 1957.

Survey commenced September 25, 1957.

Survey completed October 8, 1957.

# INDEX DIAGRAM

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21	20 19 22	11 23	24	25	10 9 26

Township 36 South, Range 12 East

Chains

The west and south boundaries of T. 36 S., R. 12 E. of the Salt Lake Meridian, Utah were surveyed concurrently under this group by Craig P. Sylvester and Fred R. Chappell respectively. A portion of the east boundary was surveyed by R. C. Yundt in 1930. The following field notes are those of a survey of a portion of the east boundary, the north boundary, and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered State school land, and to facilitate the development of the natural resources. The corners along the latitudinal lines were established at the true latitudinal curve, and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with a W. and L. E. Gurley solar transit, serial No. 541237, being the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. The instrument has a full vertical circle and improved type solar attachment. The horizontal plate has two double verniers placed opposite each other, and the vertical circle has one double vernier. The horizontal verniers are graduated to 30 minutes of arc. All other verniers of the transit and solar attachment are graduated to single minutes of arc. The instrument was in good adjustment, and prior to the beginning of the field work it was examined and all errors eliminated. It was maintained in good adjustment during the survey.

The measurements were made with steel ribbon tapes, 8 chains in length. These tapes are graduated every link for the first link, and thereafter at intervals of 10 links. They were tested by comparison with a Lufkin standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

The geographic position of the SE. corner of the township, determined through section line ties made to U.S.G.S. triangulation station "Mancus" in sec. 5, T. 37 S., R. 12 E. is latitude 37° 36' 23.38" N. and longitude 110° 31' 40.77" W. The mean magnetic declination was found to be 15° E.

The geographic position of U.S.G.S. triangulation station "Mancus" is latitude 37° 36' 03.663" N. and longitude 110° 36' 20.506" W. The direction of lines were determined by the solar transit method.

Portion of the East Boundary of T. 36 S., R. 12 E.

Beginning at the cor. of secs. 19, 24, 25 and 30 on the E. bdy. of the township, mkd. by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

North, bet. secs. 19 and 24.

Over badly broken desert land; asc. 15 ft. over a S. slope.

0.50 Spur, projects W.; desc. 210 ft. over a N. slope.

18.10 Wash, 4 ft. deep, 50 lks. wide, drains W., 3.00 chs. into the Colorado River.

Portion of the East Boundary of T. 36 S., R. 12 E.

Chains

22.46 Left bank of the Colorado River, course S, 30° W., at mean high water level.

Point for the meander cor. of secs. 19 and 24.

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

M C  
 S24 | S19  
 R12E R13E  
 T36S  
 1957

Deposit charcoal at the base of the post.

Thence across the river by triangulation.

40.00 Point for the ¼ sec. cor. of secs. 19 and 24 falls in the Colorado River.

42.76 Right bank of the Colorado River at mean high water level.

Point for the meander cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, for the meander cor. of secs. 19 and 24, with brass cap mkd.

T36S  
 R12E R13E  
 S24 | S19  
 M C  
 1957

Deposit charcoal at the base of the post.

Asc. 160 ft. over a SE. talus slope.

65.00 Base of a series of vertical ledges; thence by triangulation asc. 450 ft.

77.20 Top of high sandstone butte; desc. abruptly 55 ft.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S  
 R12E R13E  
 S13 | S18  
 S24 | S19  
 1957

Land, badly broken desert.

Soil, broken and eroded sandstone, with sandy loam along the river bottom.

Timber, scattered patches of oak along the river bottom.

Undergrowth, black brush, rabbit brush, willows and grass along the river bottom.

Portion of East Boundary, T. 36 S., R. 12 E.

Chains

North, bet. secs. 13 and 18.

Over badly broken desert land, through widely scattered undergrowth.

Asc. 295 ft. over a series of sandstone spurs, ribs and knobs, putting to the SE.

40.00 Point for the 1/4 sec. cor. of secs. 13 and 18 falls on the steep SE. slope of a sandstone rib, where the corner cannot be perpetuated.

41.30 Point for the witness 1/4 sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., on a sandstone shelf, over a cross (X), and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T36S  
R12E R13E  
1/4  
S13 | S18  
W C  
1957

Asc. 75 ft. over a SE. sandstone slope.

45.30 Sandstone spur, projects NE.; desc. 555 ft. over a NE. sandstone slope of ribs and knobs.

70.00 Enter sandy cove, draining to the E.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.

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

T36S  
R12E R13E  
S12 | S 7  
S13 | S18  
1957

Land, badly broken desert the first 70:00 chs., gently rolling the balance.

Soil, sandstone slick rock, with sandy loam in the cove.

Timber, none.

Undergrowth, medium black brush; rabbit brush, cacti and grass in the cove.

North, bet. secs. 7 and 12.

Over gently rolling land; desc. 15 ft.

2.00 Wash, 3 ft. deep, 40 lks. wide, drains irregularly SE.

11.60 Wash; 4 ft. deep, 60 lks. wide, drains SE.

13.00 Leave cove; asc. 355 ft. over a series of sandstone ribs and knobs, putting to the E.

33.20 Sandstone spur, projects E.; desc. 45 ft. along a broken E. slope.

38.70 Point for the witness 1/4 sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Portion of East Boundary of T. 36 S., R. 12 E.

Chains

T36S  
R12E R13E  
\*  
W.C.  
S12 | S 7  
1957

- 40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 7 and 12 falls on the steep E. slope of a sandstone ledge, where the cor. cannot be perpetuated.  
Asc. 65 ft. along a broken E. slope.
- 53.10 Rim of ledges 100 ft. high, bears SE. and NW.; desc. 145 ft.
- 56.60 Enter cove, draining E.; desc. 50 ft.
- 72.90 Wash, 4 ft. deep, 80 lks. wide, drains SE.; asc. 45 ft.
- 77.80 Small spur, projects W., 3.00 chs. to end; desc. 15 ft.
- 80.00 Point for the cor. of secs. 1, 6, 7 and 12.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S  
R12E R13E  
S 1 | S 6  
S12 | S 7  
1957

Land, badly broken and gently rolling desert.  
Soil, broken and eroded sandstone, with sandy loam in the cove.  
Timber, widely scattered cottonwood in the cove.  
Undergrowth, medium black brush, ribbit brush, grass, scattered mountain rush and cacti.

North, bet. secs. 1 and 6.

Over rolling desert land, through scattered undergrowth.

- 13.50 Leave rolling land; asc. 400 ft. over a series of sandstone ribs, knobs and crevices, sloping to the SE., changing to a S. slope.
- 31.30 Intersect the Seventh Standard Parallel South on the south boundary of sec. 31, T. 35 $\frac{1}{2}$  S., R. 13 E.

At the point of intersection, the point for the closing cor. of T. 36 S., Rs. 12 and 13 E.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T35 $\frac{1}{2}$ S R13E  
S31  
S 1 | S 6  
C C  
T36S  
T12E R13E  
1957

from which

The standard cor. of Ts. 35 $\frac{1}{2}$  S., Rs. 12 and 13 E., monumented by an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the official record, bears west, 3.88 chs. dist.

## Portion of East Boundary of T. 36 S., R. 12 E.

Chains

Land, broken and rolling desert.  
 Soil, sandy loam the first 13.50 chs., sandstone slick rock the balance.  
 Timber, none.  
 Undergrowth, medium black brush, rabbit brush and grass in the cove.

## South Boundary of T. 35½ S., R. 12 E.

Beginning at the standard corner of T. 35½ S., Rs. 12 and 13 E., mkd. by an iron post, 2½ ins. diam., conforming to the record.

Thence

West, along the S. bdy. of sec. 36.

Over broken desert land, through scant undergrowth; asc. 90 ft. along a broken S. slope of sandstone slick rock.

14.00 Sandstone spur projects S.; desc. 70 ft.

19.50 Narrow sandstone draw, drains S.; asc. 285 ft. over a series of sandstone ribs, knobs and crevices, putting to the S.

33.30 E. rim of Ticaboo Mesa, bears NE. and SW.; thence over nearly level bench land, through medium dense undergrowth.

40.00 Point for the ¼ sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T35½S R12E

¼ S36

T36S

1957

Asc. 75 ft. over a gentle E. slope.

80.00 Point for the cor. of secs. 35 and 36.

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

T35½E R12E

S35|S36

S 2

T36S

1957

Deposit charcoal at the base of the post.

Land, broken the first 30.00 chs., gently rolling the balance.  
 Soil, broken and eroded sandstone the first 30.00 chs., sandy loam the balance.  
 Timber, none.  
 Undergrowth, medium dense black brush, mountain rush, grass and weeds.

West, along the S. bdy. of sec. 35.

Over gently rolling desert land, through medium dense undergrowth; asc. 50 ft.

Chains

32.00 Bulldozed road, bears N. 15° E. and S. 15° W.; desc. 30 ft.

40.00 Point for the 1/4 sec. cor. of sec. 35.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T35 1/2 S R12E

1/4 S35

T36S

1957

Deposit charcoal at the base of the post.

Desc. 45 ft.

64.00 Bottom of swale, drains N.; asc. 10 ft.

80.00 Point for the corner of secs. 34 and 35.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T35 1/2 S R12E

S34 | S35

S 2

T36S

1957

Deposit charcoal at the base of the post.

Land, gently rolling desert.

Soil, sandy loam.

Timber, none.

Undergrowth, black brush, rabbit brush, cacti and grass.

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

Over gently rolling desert land, through medium undergrowth; desc. 55 ft. over a gentle W. slope.

40.00 Point for the 1/4 sec. cor. of sec. 34.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.

T35 1/2 S R12E

1/4 S34

T36S

1957

Deposit charcoal at the base of the post.

Desc. 30 ft. over a gentle W. slope.

75.80 Bottom of swale; asc. 15 ft.

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

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

T35 1/2 S R12E

S33 | S34

S 4

T36S

1957

Chains

Deposit charcoal at the base of the post.

Land, gently rolling desert.  
Soil, sandy loam.  
Timber, none.  
Undergrowth, medium black brush, rabbit brush, cacti and grass.

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

Over gently rolling desert land, through medium undergrowth.

- 4.50 Bulldozed road, bears S. 40° W. and N. 15° E.; asc. 25 ft.
- 6.90 Sandy ridge, bears N. and S.; desc. 90 ft. over a gentle W. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of sec. 33.

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

T35 $\frac{1}{2}$ S R12E  
 $\frac{1}{4}$  S33  
T36S  
1957

Deposit charcoal at the base of the post.

Asc. 40 ft. over an E. slope.

- 54.20 Sandy spur, ridge bears N. and S.; desc. 90 ft. over a W. slope.
- 64.40 Draw, drains SW.
- 71.90 Bulldozed road, bears N. 10° E. and S. 30° W.; desc. 50 ft. over a W. slope.
- 80.00 Point for the cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

T35 $\frac{1}{2}$ S R12E  
S32|S33  
S 5  
T36S  
1957

Deposit charcoal at the base of the post.

Land, gently rolling desert.  
Soil, sandy loam.  
Timber, none.  
Undergrowth, medium black brush, rabbit brush, mountain rush, cacti and grass.

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

Over gently rolling desert land, through medium undergrowth; desc. 190 ft. over a W. slope.

- 35.20 Wash, 3 ft. deep, 50 lks. wide, drains SW.

South Boundary of T35 S. R. 12 E.

Chains		mnddO
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 32	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	T35 $\frac{1}{2}$ S R12E <u><math>\frac{1}{4}</math> S32</u>	
	T36S 1957	
	Deposit a sandstone, 4x4x3 ins., mkd. with a cross (X) at the base of the post.	the base
	Ascend 60 ft.	
44.90	Top of ascent; desc. 75 ft. over a W. slope.	
56.50	Wash, 1 ft. deep, 25 lks. wide, drains SW.	
60.40	Wash, 2 ft. deep, 30 lks. wide, drains SW.	
78.80	Wash, 4 ft. deep, 60 lks. wide, drains SW.	
80.00	Point for the cor. of secs. 31 and 32.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T35 $\frac{1}{2}$ S R12E <u>S31 S32</u>	
	S36 T36S 1957	
	Land, rolling desert. Soil, rocky sandy clay. Timber, none. Undergrowth, medium black brush, rabbit brush, cacti grass and weeds.	
	West, along the S. bdy. of sec. 31.	
	Over rolling desert land, through medium undergrowth.	
1.00	Wash, 5 ft. deep, 30 lks. wide, drains SW.; asc. 35 ft.	
4.80	Rocky spur, projects SW.; desc. 60 ft.	
9.40	Draw, drains SW.	
31.30	Wash, 2 ft. deep, 30 lks. wide, drains SW.	
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 31.	
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.	
	T35 $\frac{1}{2}$ S R12E <u><math>\frac{1}{4}</math> S31</u>	
	T36S 1957	
	Continue over rolling land.	

South Boundary, T. 35 1/2 S., R. 12 E.

Chains

- 42.50 Wash, 3 ft. deep, 30 lks. wide, drains SW.
  - 72.40 Left bank of wash, 3 ft. deep, 50 lks. wide, drains SW.
  - 72.68 Intersect the E. bdy. of T. 36 S., R. 11 E., 4.52 chs. S. of the cor. of secs. 12 and 13, mkd. by an iron post, 2 1/2 ins. diam., set and witnessed as described in the field notes of T. 36 S., R. 11 E.
- Point for the closing cor. of sec. 31 falls in a wash draining S., therefore, at a point 0.56 lks. N., the witness closing cor. of sec. 31.
- Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 1/2 ft. base, with brass cap mkd.

T36S T35 1/2 S  
 R11E R12E  
 S13 | S31 W  
      | S 6 C  
 T36S  
 1957

Land, rolling desert.  
 Soil, rocky sandy loam.  
 Timber, a few widely scattered juniper.  
 Undergrowth, medium black brush, rabbit brush, mountain rush, cacti and grass.

Portion of the Subdivision, T. 36 S., R. 12 E.

Beginning at the true point for the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, which is witnessed W., 0.23 chs. by an iron post, 2 1/2 ins. diam., as described in the field notes of T. 37 S., R. 12 E.

N. 0° 01' W., bet. secs. 35 and 36.

Over badly broken desert land, through very scant undergrowth; thence by triangulation across a deep canyon, with topography approx. as taken from a Geological Survey map.

Desc. 580 ft. over a ledgy N. slope of barren sandstone.

28.00 Bottom of Cedar Canyon, drains irregularly SW.; asc. 280 ft. over a broken S. slope.

40.00 Point for the 1/4 sec. cor. of secs. 35 and 36 falls on the S. slope of a sandstone ledge, where the cor. cannot be perpetuated.

44.90 N. rim of canyon, ledges 100 ft. high, bears NE. and SW.

45.24 Point for the witness 1/4 sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E  
 1/4  
 S35 S36  
 W C  
 1957

Chains	Station
	Asc. 280 ft. over a S. sandstone slope.
61.20	S. rim of black brush covered bench, bears E. and W.
68.40	N. rim of bench, bears E. and W.; desc. 140 ft. over a N. sandstone slope.
71.50	Sandstone draw, drains S. 70° E.; asc. 90 ft. along the SE. slope of a sandstone knob.
79.68	Point for the witness cor. of secs. 25, 26, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 5½ ft. base to top, with brass cap mkd.
	T36S R12E S26   S25 S35   S36 W C 1957
80.00	True point for the cor. of secs. 25, 26, 35 and 36 falls on the steep N. slope of a sandstone knob, where it is impracticable to set a post. Land, badly broken desert. Soil, sandstone slick rock, with sandy loam in the canyon bottom and bench top. Timber, none. Undergrowth, scattered patches of black brush, rabbit brush, grass and weeds.
	Beginning at the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, mkd. by an iron post, 2 ins. diam., conforming to the record. S. 89° 58' W., bet. secs. 25 and 36. Over broken desert land, through scattered undergrowth; desc. 70 ft. along a S. slope.
9.80	Wash, 2 ft. deep, 50 lks. wide, drains S. 10° W.; asc. 260 ft. over a SE. slope.
35.30	Rim of bench, bears NE. and SW.
39.36	Point for the witness ¼ sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T36S R12E W   S25 C   S36 1957
39.98	True point for the ¼ sec. cor. of secs. 25 and 36 falls on a steep S. slope of sandstone slick rock, where it is impracticable to set a post; desc. 30 ft. over a W. slope.
40.40	Sandstone draw, drains SW.; asc. 30 ft. over a SE. slope.

Portion of the Subdivision, T. 36 S., R. 12 E.

Chains

- 43.80 W. rim of bench, bears N. and S.; desc. 160. ft. over a broken W. sandstone slope.
- 59.00 Draw, drains S.; asc. 240 ft. over a broken E. slope.
- 79.96 The true point for the cor. of secs. 25, 26, 35 and 36.  
Land, broken desert.  
Soil, eroded and broken sandstone, with sandy loam in the draw bottom and bench tops.  
Timber, none.  
Undergrowth, scattered patches of black brush, rabbit brush and grass.

Counting distance from the true point for the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, which is E. 2.50 chs. from it's witness cor., a 2½ in. iron post, set, mkd. and witnessed as described in the field notes of T. 37 S., R. 12 E.

N. 0° 03' W., bet. secs. 32 and 33.

Over badly broken desert land, by triangulation, with topography approx. as taken from a Geological Survey sheet; asc. 260 ft. over nearly vertical ledges.

- 5.00 Sandstone spur, ledge projects E., 5.00 chs. to end; desc. 260 ft. over nearly vertical ledges facing N.
- 12.00 Warm Springs Creek, drains SE.; asc. 400 ft. over nearly vertical ledges facing S.
- 22.50 N. rim of Warm Spring Creek, bears SW. and NE.; asc. 50 ft. over a S. sandstone slope.
- 24.00 Top of ascent; desc. 20 ft. over a N. slope.
- 36.90 Sandstone draw, drains SW.; asc. 65 ft. over a SE. sandstone slope.
- 40.00 Point for the ¼ sec. cor. of secs. 32 and 33 falls on the steep SE. slope of sandstone slick rock, where the cor. cannot be perpetuated.
- 40.72 Point for the witness ¼ sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E  
½  
S32 S33  
W C  
1957

Asc. 110 ft. over a S. slope.

- 59.10 Top of ascent; thence over a series of sandstone ribs, knobs and crevices.
- 80.00 Point for the cor. of secs. 28, 29, 32 and 33 falls on a steep N. slope of a sandstone draw, where the cor. cannot be perpetuated.  
Land, badly broken desert.  
Soil, sandstone slick rock, with sand in the canyon bottom.  
Timber, none.  
Undergrowth, black brush, willows and grass in the canyon bottom.

Portion of the Subdivision, T. 36 S., R. 12 E.

Chairs

N. 0° 03' W., bet. secs. 28 and 29.

0.20 Sandstone draw, drains S. 75° W.; asc. 50 ft. over a S. slope.

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R12E  
 S29|S28  
 S32|S33  
 W C  
 1957

Asc. 130 ft. over, a S. sandstone slope.

7.70 Top of ascent, sandstone spur projects W.; desc. 45 ft. over a N. slope.

25.00 Sandstone draw, drains SW.; asc. 110 ft. over a S. slope.

33.40 Rim of bench, bears E. and W.; thence over gently rolling desert land.

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E  
 ¼  
 S29|S28  
 1957

45.80 Wash, 1 ft. deep, 30 lks. wide, drains SW.; asc. 85 ft. over gently rolling desert land, sloping to the SW.

80.00 Point for the cor. of secs. 21, 22, 28 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R12E  
 S20|S21  
 S29|S28  
 1957

Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken and gently rolling desert.

Soil, sandstone slick rock and sandy loam.

Timber, none.

Undergrowth, medium black brush, grass and weeds on the bench land.

N. 0° 03' W., bet. secs. 20 and 21.

Over rolling desert land, sloping gently to the SW., through medium undergrowth.

40.00 Point for the ¼ sec. cor. of secs. 20 and 21.

Portion of the Subdivision, T. 36 S., R. 12 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R12E

S20|S21  
1957

Deposit a sandstone, 4x4x4 ins., mkd. with a cross (X) at the base of the post.

Asc. 60 ft. over a gentle S. slope.

72.00 Top of ascent; desc. 10 ft.

78.10 Small draw, drains SW.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T36S R12E

S17|S16  
S20|S21  
1957

Deposit a sandstone, 4x4x3 ins., mkd. with a cross (X) at the base of the post.

Land, gently rolling desert.

Soil, sandy loam, with some exposed sandstone.

Timber, none.

Undergrowth, medium black brush, grass and weeds.

N. 0° 03' W., bet. secs. 16 and 17.

Over gently rolling desert land, through medium undergrowth.

6.60 Wash, 1½ ft. deep, 30 lks. wide, drains SW.

20.30 Same wash, drains SE.

23.20 Same wash, drains SW.

34.70 Same wash, drains SE.; asc. 40 ft. over a S. slope.

40.00 Point for the ¼ sec. cor. of secs. 16 and 17.

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

T36S R12E

S17|S16  
1957

Deposit charcoal at the base of the post.

55.00 Recross previous wash, drains S. 15° W.

57.40 Same wash, drains S. 15° E.

60.00 Same wash, drains S. 15° W.

71.40 Bulldozed road, bears S. 80° W. and N. 60° E.

## Portion of the Subdivision, T. 36 S., R. 12 E.

Chains

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, and in a collar of stone, with brass cap mkd.

T36S R12E  
 S 8 | S 9  
 S17 | S16  
 1957

Deposit a sandstone, 5x4x3 ins., mkd. with a cross (X) at the base of the post.

Land, gently rolling desert.

Soil, sandy loam, with exposed sandstone.

Timber, none.

Undergrowth, medium black brush, grass and weeds.

N. 0° 03' W., bet. secs. 8 and 9.

Over gently rolling desert bench land, through medium undergrowth.

Asc. 55 ft. over a gentle S. slope.

40.00

Point for the ¼ sec. cor. of secs. 8 and 9.

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

T36S R12E  
 S 8 | S 9  
 1957

Deposit charcoal at the base of the post.

Continue over gently rolling desert land.

78.00

Draw, drains SW.

80.00

Point for the cor. of secs. 4, 5, 8 and 9.

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

T36S R12E  
 S 5 | S 4  
 S 8 | S 9  
 1957

Deposit charcoal at the base of the post.

Land, gently rolling desert.

Soil, sandy loam. with exposed sandstone.

Timber, none.

Undergrowth, medium black brush, scattered rabbit brush, mountain rush and grass.

N. 0° 03' W., bet. secs. 4 and 5.

Over rolling desert land, through medium undergrowth; asc. 70 ft. along a W. slope

8.00

Draw, drains SW., continue along a W. slope.

Portion of the Subdivision, T. 36 S., R. 12 E.

- Chains
- 17.40 Wash, 1 ft. deep, 30 lks. wide, drains SW.
- 22.70 Wash, 1 ft. deep, 20 lks. wide, drains SW.; asc. 30 ft.
- 26.90 Bulldozed road, bears S. 40° W. and N. 40° E.
- 31.49 Intersect the S. bdy. of sec. 33, T. 35½ S., R. 12 E.
- Point for the closing cor. of secs. 4 and 5.
- Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T35½S  
 S33  
 S 5 | S 4  
 C C  
 T36S R12E  
 1957

Deposit charcoal at the base of the post.

From this point, the cor. of secs. 32 and 33, T. 35½ S., R. 12 E., bears W., 3.88 chs. dist.

Land, gently rolling desert.

Soil, sandy loam, with exposed sandstone.

Timber, none.

Undergrowth, medium black brush, scattered rabbit brush, mountain rush and grass.

The point for the cor. of secs. 1 and 2 on the N. bdy. of the township is at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

At the cor. point

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

T35½S  
 S36  
 S 2 | S 1  
 T36S R12E  
 1957

Deposit charcoal at the base of the post.

From this cor., the cor. of secs. 35 and 36, T. 35½ S., R. 12 E., bears W., 3.88 chs. dist.

The point for the ¼ sec. cor. of sec. 2 on the N. bdy. of the township is at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

At the corner point

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

¼ S 2  
 T36S R12E  
 1957

Deposit charcoal at the base of the post.

From this cor., the ¼ sec. cor. of sec. 35, T. 35½ S., R. 12 E., bears W., 3.88 chs. dist.

Portion of the Subdivision, T. 36 S., R. 12 E.

Chains

The point for the cor. of secs. 2 and 3 on the N. bdy. of the township is at proportionate dist. bet. the NE. cor. of the township and the closing cor. of secs. 4 and 5.

At the corner point

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

T35½S  
        
 S35  
  3  |  S  2    
 T36S R12E  
 1957

Deposit charcoal at the base of the post.

From this cor., the cor. of secs. 34 and 35, T. 35½ S., R. 12 E., bears W., 3.88 chs. dist.

Beginning at the cor. of secs. 1 and 2 previously established on the N. bdy. of the township.

S. 0° 01' E., bet. secs. 1 and 2.

Over gently rolling desert land, through medium undergrowth; asc. 25 ft. over a N. slope.

3.90

Sandy ridge, bears E. and W.; desc. 110 ft. over a S. slope.

31.35

Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R12E.  
  S  2  |  S  1    
  S11  |  S12    
 1957

Deposit charcoal at the base of the post.

Land, gently rolling desert.

Soil, sandy loam.

Timber, none; undergrowth, medium black brush, rabbit brush, grass and weeds.

S. 89° 58' W., bet. secs. 2 and 11.

Over gently rolling desert land, through medium undergrowth; asc. 120 ft. over an E. slope.

40.00

Point for the ¼ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R12E  
        
 S 2  
  ¼  |  S11    
 1957

Deposit a sandstone, 4x4x2 ins.; mkd. with a cross (X) at the base of the post.

40.50

Spur, projects S.; desc. 115 ft. over a W. slope.

80.00

Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E  
  S  3  |  S  2    
  S10  |  S11    
 1957

Land, gently rolling desert.

Soil, sandy loam, with a small amount of exposed sandstone.

Timber, none; undergrowth, medium black brush, rabbit brush, grass and weeds.

## Portion of the Subdivision, T. 36 S., R. 12 E.

Chains

N. 0° 04' E., bet. secs. 2 and 3.

Over gently rolling desert land, through medium undergrowth; asc. 65 ft. over a S. slope.

24.30 Bulldozed road, bears S. 60° W. and N. 60° E.

31.43 The cor. of secs. 2 and 3 on the N. bdy. of the township.

Land, rolling desert.

Soil, sandy loam.

Timber, none.

Undergrowth, medium black brush, rabbit brush, grass and weeds.

Beginning at the cor. of secs. 16, 17, 20 and 21.

Thence

East, bet. secs. 16 and 21.

Over gently rolling desert land, through medium undergrowth.

14.50 Wash, 2 ft. deep, 30 lks. wide, drains SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R12E

$\frac{1}{4}$	S16
	S21
	1957

Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

42.70 E. rim of bench, bears N. 05° E. and S. 05° W.; desc. 520 ft. over broken E. sandstone slope.

55.00 Sevenmile Creek, drains S.; asc. 360 ft. over a broken W. sandstone slope.

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 $\frac{1}{2}$  ft. base to top, with brass cap mkd.

T36S R12E

S16	S17
S21	S22
	1957

Land, gently rolling the first 43.00 chs., badly broken the balance. Soil, sandy loam and sandstone slick rock.

Timber, none.

Undergrowth, medium black brush, rabbit brush, scant wild apple and grass the first 43.00 chs., no vegetation the balance.

## Portion of the Subdivision, T. 36 S., R. 12 E.

Chains

N. 0° 02' W., bet. secs. 15 and 16, and 17 and 18

Over badly broken desert land, over a series of sandstone ribs, knobs, small draws and crevices; desc. 180 ft. over a NW. slope.

27.00 Sandstone draw, drains S. 70° W.; asc. 200 ft. over a SE. sandstone slope.

35.00 High sandstone knob, thence over a series of sandstone knobs.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16 falls on a steep SE. slope of a sandstone knob, where the cor. cannot be perpetuated.42.37 Point for the witness  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E

S16|S15

W C

1957

Desc. 180 ft. along a W. slope, over a series of sandstone ribs, knobs and crevices.

70.00 Sandstone draw, drains SW.; asc. 120 ft. over a S. sandstone slope.

76.00 Sandstone spur, projects SW.; desc. 100 ft. over a NW. slope of sandstone slick rock.

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

In a sandstone swale, bet. two sandstone knobs

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E

S 9|S10

S16|S15

1957

Land, badly broken desert.

Soil, sandstone slick rock, with sand in the bottom of the draws.

Timber, none.

Undergrowth, very scant black brush and cacti.

West, bet. secs. 9 and 16.

Over badly broken desert land; asc. 60 ft. over a SE. slope.

9.00 Sandstone spur, projects SW.; desc. 160 ft. over a broken W. slope.

15.00 Sevenmile Creek, drains S.; asc. 320 ft. over an E. sandstone slope.

25.00 Top of ascent; desc. 110 ft. over a gentle W. slope of desert bench land.

40.02 Point for the  $\frac{1}{4}$  sec. cor. of sec. 9 and 16.

Chains

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

T36S R12E

½  $\frac{S 9}{S 16}$

1957

Deposit charcoal at the base of the post.

Desc. 50 ft. over a gentle W. slope.

80.04 The cor. of secs. 8, 9, 16 and 17.

Land, badly broken the first 25.00 chs., gently rolling the balance. Soil, exposed sandstone the first 25.00 chs., sandy loam the balance. Timber, none.

Undergrowth, medium black brush, mountain rush, grass and cacti.

Beginning at the true point for the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, which is witnessed W., 3.90 chs. dist. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 12 E.

Thence

N. 0° 03' W., bet. secs. 31 and 32.

Over broken and rolling desert land, through medium undergrowth; asc. 35 ft. over a SE. slope of sandstone slick rock.

1.50 Spur, projects SW., 5.00 chs. to end; desc. 160 ft. over a NW. slope of sandstone slick rock.

10.00 Draw, drains SW.; asc. 160 ft. over a SE. slope of sandstone slick rock.

21.00 S. rim of desert bench, bears E. and W.; thence over nearly level bench land.

40.00 Point for the ½ sec. cor. of secs. 31 and 32.

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

T36S R12E

½  $\frac{S 31 | S 32$

1957

Deposit charcoal at the base of the post.

Continue over gently rolling bench land.

52.90 Small sandy draw, drains SW.

68.10 Right rim of Warm Springs Creek, bears S. 40° E.; desc. 150 ft. over a NE. sandstone slope.

79:70 Point for the witness cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, with brass cap mkd.

T36S R12E

$\frac{S 30 | S 29$

$\frac{S 31 | S 32$

W C

1957

Chains

80.00

True point for the cor. of secs. 29, 30, 31 and 32 falls on the edge of a small sandstone shelf, where the corner cannot be perpetuated.

At the true point for the cor., cut a cross (X), 1x6x6 ins. in solid sandstone.

Land, broken and rolling.

Soil, eroded and broken sandstone, with sandy loam on the bench.

Timber, none.

Undergrowth, medium black brush, rabbit brush, mountain rush and grass on the bench.

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

Thence

West, bet. secs. 29 and 32.

0.30

Sandstone draw, drains S. 75° W.; asc. 100 ft. along a SE. sandstone slope.

5.60

Sandstone spur, projects SW.; desc. 55 ft. over a series of sandstone ribs and knobs, putting to the SW.

40.05

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R12E

$\frac{1}{4}$   $\frac{S29}{S32}$   
1957

Desc. 60 ft. over a broken W. slope.

49.30

Sandstone draw, drains SW.; thence over a series of sandstone ribs and knobs, putting to the SW.

76.70

Warm Spring Creek, drains S. 60° E.; asc. 90 ft. over an E. slope of sandstone slick rock.

80.10

The true point for the cor. of secs. 29, 30, 31 and 32.

Land, broken desert.

Soil, exposed broken and eroded sandstone.

Timber, none.

Undergrowth, very scant black brush, rabbit brush, cacti and grass.

#### GENERAL DESCRIPTION

The land in the township varies from the badly broken land in the south and east to the rolling desert bench land in the north and west. The township is cut by numerous steep sided and box canyons, draining into the Colorado River, which cuts through the southeast portion of the township. The soil is principally a sandy clay, with a large amount of exposed, broken and eroded sandstone, mainly in the south and east portions of the township. There is a few widely scattered dwarf juniper in the northwest portion of the township, and scattered patches of oak and cottonwood along the Colorado River. The undergrowth is mainly black brush, with lesser amounts of rabbit brush, bitter brush, yellow top, wild apple, cacti, grass and weeds. There are no permanent habitants in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
James R. Munson	Chainman
Ortho J. Hatch	Flagman
Clement J. Davis	Axeman
Parley Pratt	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1956 I have surveyed the south boundary of T. 35 1/2 S., R. 12 E., a portion of the east boundary and a portion of the subdivision of T. 36 S., R. 12 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.

February 25, 1958
Salt Lake City, Utah

Fred R. Chappell
Fred R. Chappell - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., 19

The foregoing field notes of the survey of
executed by
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1956

I have supervised the survey of the south boundary of T. 35 1/2 S., R. 12 E., a portion of the east boundary, and a portion of the subdivision of T. 36 S., R. 12 E.

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision 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.

February 25, 1958
Salt Lake City, Utah

[Signature]
Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of the south boundary of T. 35 1/2 S., R. 12 E., a portion of the east boundary and a portion of the subdivision of T. 36 S., R. 12 E. Salt Lake Meridian, Utah.

executed by Fred R. Chappell, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

[Signature]
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL  
**FIELD NOTES**

OF THE

SURVEY OF THE

SOUTH AND EAST BOUNDARIES

AND A PORTION OF

THE SUBDIVISIONAL LINES

OF

TOWNSHIP 36 SOUTH, RANGE 13 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Leslie H. Godwin, Cadastral Surveyor

Dell Cazier, Cadastral Surveyor

Under special instructions dated May 13, 1955, which provided  
for the surveys included under Group No. 405, approved May 31, 1955  
and assignment instructions dated September 4, 1958

Survey commenced October 20, 1958

Survey completed October 31, 1958

# INDEX DIAGRAM

Township 36 South, Range 13 East

0	0	0	0	10	0	9	1	5
					10			
7	0	0	0	0	11	10	10	4
		11						
10	11	12	10	11	10	10	10	3
		12						
10	10	10	10	10	10	10	10	3
10	10	10	10	10	10	10	10	2
	14						9	
10	14	10	13	10	10	10	8	1
0	7	7	7	6	6	6	5	

## Township 36 South, Range 13 East, Salt Lake Meridian, Utah

## Chains

Portions of the north boundary (Seventh Standard Parallel South) and the west boundary were surveyed by Robert C. Yundt in 1930. The north boundary was completed in 1956 by Fred R. Chappell in connection with the survey of T. 35½ S., R. 13 E. The west boundary was completed in 1957 by Fred R. Chappell as recorded in the field notes of T. 36 S., R. 12 E.

The following field notes represent a survey of the east boundary by transit and chain and the south boundary and a portion of the subdivisional lines by photogrammetric processes. The calculation of coordinates of all points and courses and distances between corners, is based upon positions of U. S. Geological Survey triangulation stations and auxiliary triangulation stations established by the Bureau of Land Management by the 3 point method.

The coordinates of each corner were predetermined and each corner established by reference to three photo identifiable objects whose coordinates were determined by photogrammetric methods. A plane table, alidade and a 2 chain steel tape were used in determining the true corner point.

Survey of the east boundary was executed with a W. & L. E. Gurley transit, serial No. 541330, equipped with full vertical circle and telescopic solar attachment. It is constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey. Measurements along this boundary were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a standard steel tape and found to be correct. Directions of the lines of this survey were determined generally by direct altitude observations on the sun for azimuth taken throughout the course of the survey.

All subdivisional lines established are calculated to be at the position they would occupy if the entire township were subdivided.

The geographic position of the southeast corner of the township, as determined from ties to triangulation stations in the area is Latitude 37° 36' 23.375" N., Longitude 110° 25' 09.015" W.

The magnetic declination was read at a number of stations throughout the course of this survey and was determined to be 15° E.

## East Boundary of T. 36 S., R. 13 E.

From the cor. of Tps. 36 and 37 S., Rs. 13 and 14 E., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 13 E., surveyed concurrently under this same group by Leslie H. Godwin and Dell Cazier.

North, bet. secs. 31 and 36.

Asc. along SE. slope over Mancos Mesa.

40.00 Point for the ¼ sec. cor. of secs. 31 and 36.

Set an iron post 30 ins. long, 2½ ins. diam., 22 ins. in the ground with collar of stone to top with brass cap mkd.

Chains

T36S  
 R13E R14E  
 S36|S31  
 1958  
 Deposit rock mkd. X alongside iron post.  
 Desc. 150 ft. over broken NE. slope to sec. cor.  
 80.00 Point for the cor. of secs. 25, 30, 31 and 36.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground,  
 with brass cap mkd.  
 T36S  
 R13E R14E  
 S25|S30  
 S36|S31  
 1958  
 Deposit rock 8x6x6 mkd. X alongside iron post.  
 Land, broken mesa.  
 Soil, thin sand layer interspersed with broken sandstone.  
 Timber, sparse juniper.  
 Vegetation, sparse growth of black brush, shadeale, Brigham tea,  
 cactus and native grasses.  
 North, bet. secs. 25 and 30.  
 Desc. along NE. slope.  
 7.00 Desc. 250 ft. over steep broken slope.  
 18.00 Wash, drains NW.; asc. SW. slope of spur.  
 22.50 Top of spur, projects W.; desc. over NW. slope.  
 32.00 Wash, drains S. 70° W.; asc. over S. slope.  
 40.00 Point for the ¼ sec. cor. of secs. 25 and 30.  
 Set an iron post, 30 ins. long, 2½ ins. diam., over a cheseled X on  
 bedrock and in a mound of stone to top with brass cap mkd.  
 T36S  
 R13E R14E  
 S25|S30  
 1958  
 Cor. is 68 lks. E. of sandstone ledge.  
 Asc. 200 ft. over broken sandstone slope to sec. cor.  
 80.00 Point for the cor. of secs. 19, 24, 25 and 30.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground  
 in a collar of stone to top with brass cap mkd.  
 T36S  
 R13E R14E  
 S24|S19  
 S25|S30  
 1958

Survey, T. 24 S., R. 13 E.

Chates

Deposit rock mkd. X alongside iron post.

Land, broken sandstone slopes.

Soil, thin sand layer interspersed with broken sandstone.

Timber, very sparse juniper.

Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

North, bet. secs. 19 and 24.

Asc. over general SW. slope to  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

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

T36S  
R13E R14E  
 $\frac{1}{4}$   
S24 | S19  
1958

Cor. is 52 lks. south of sandstone ledge, 40 ft. high bearing E. and

41.00 Top of ledge; asc. along SW. slope.

68.40 Top of ledge; desc. over broken NW. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

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

T36S  
R13E R14E  
S13 | S18  
S24 | S19  
1958

Land, rolling sandstone slopes.

Soil, thin sand layer interspersed with broken sandstone.

Timber, very sparse juniper.

Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

North, bet. secs. 13 and 18.

Asc. over broken SW. slope.

27.50 Sandstone spur, projects SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam. over a chiseled X on bedrock and in a mound of stone to top with brass cap mkd.

T36S  
 $\frac{1}{4}$   
S13 | S18  
1958

377

Survey, E. Div., T. 36 N., R. 13 E.

Chains		amado
45.60	<p>Desc. along W. slope. Wash, drains S. 20° W. from N. 10° W. Asc. over SW. slope.</p>	
60.00	Slope changes to W., thence NW. to saddle.	
66.00	Asc. 160 ft. over steep broken SE. slope.	
76.50	Top of steep ascent; cont. along SE. slope of spur.	
80.00	Point for the cor. of secs. 7, 12, 13 and 18.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone to top with brass cap mkd.</p> <p style="text-align: center;">T36S R13E R14E S12   S 7 S13   S18 1958</p>	
	<p>Land, rough and broken. Soil, thin sand layer interspersed with broken or barren sandstone. Timber, very sparse juniper. Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.</p>	
	North, bet. secs. 7 and 12.	
6.50	Spur, projects NE.; desc. over N. slope.	
27.50	Bottom of descent.	
36.00	Top of knoll; desc. over steep broken N. slope.	
40.00	Point for the ¼ sec. cor. of secs. 7 and 12.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T36S R13E R14E S12   S 7 1958</p>	
	Desc. 150 ft. over N. slope.	
45.00	Rim of mancos mesa, bears N. 10° W. and S. 10° E.	
	Desc. 250 ft. over broken E. slope of mesa to sec. cor.	
80.00	Point for the cor. of secs. 1, 6, 7 and 12.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone to top with brass cap mkd.</p> <p style="text-align: center;">T36S R13E R14E S 1   S 6 S12   S 7 1958</p>	

## Survey, E. Bdy., T. 36 S., R. 13 E.

Chains

Land, rough and broken.  
Soil, thin sand layer interspersed with broken sandstone.  
Timber, very sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

North, bet. secs. 1 and 6.

Desc. 500 ft. over broken E. rim of mancos mesa.

31.43 Intersect the Seventh Standard Parallel South on the S. bdy. of sec. 31, T. 35 S., R. 13 E.

Point for the closing cor. of Tp. 36 S., Rs. 13 and 14 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground in a mound of stone to top with brass cap mkd.

T35S R14E

S31

C/C

S 1 S 6

R13E R14E

T36S

1958

From this closing cor. the standard ¼ sec. cor. of sec. 31, T. 35 S., R. 14 E., bears W. 7.61 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Land, broken slopes of rim.

Soil, thin sand layer interspersed with rough and broken sandstone.

Timber, very sparse juniper.

Vegetation, sparse growth of black brush, shadscale, Brigham tea and cactus.

South Boundary of T. 36 S., R. 13 E.

Survey executed by photogrammetric processes. Topography is omitted from these field notes but is shown upon the plat from U. S. Geological Survey quadrangles.

From the cor. of Tps. 36 and 37 S., Rs. 13 and 14 E.

N. 89° 58' W., bet. secs. 1 and 36.

39.00 Point selected for the witness ¼ sec. cor. of sec. 1 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

WC ¼ ← S36  
S 1

T37S

1958

40.00 Point for the ¼ sec. cor. of secs. 1 and 36 falls in wash draining SW. Not practical to monument this point.

80.00 Point for the cor. of secs. 1, 2, 35 and 36.

Survey, S. 24y., T. 22N., R. 10E.

Chains		Notes
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a mound of stone to top with brass cap mkd.</p> <p>T368 R13E S35 S36 S 2   S 1 T378 1958</p> <p>Land, rough and broken. Soil, thin layer of sand interspersed with broken sandstone. Timber, very sparse juniper. Vegetation, sparse growth of black brush, shadescale, Brigham tea, cactus and native grasses.</p>	
	N. 89° 58' W., bet. secs. 2 and 35.	
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., over a chiseled X on bedrock and in a mound of stone to top, with brass cap mkd.</p> <p>T368 R13E S35 S 2 T378 1958</p>	
80.00	Point for the cor. of secs. 2, 3, 34 and 35.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam. over a chiseled X on bedrock and in a mound of stone to top, with brass cap mkd.</p> <p>T368 R13E S34 S35 S 3   S 2 T378 1958</p> <p>Land, rolling sandstone slopes. Soil, thin sand layer interspersed with barren sandstone. Timber, very sparse juniper. Vegetation, sparse growth of black brush, shadescale, Brigham tea, cactus and native grasses.</p>	
	N. 89° 58' W., bet. secs. 3 and 34.	
40.00	Point for the ¼ sec. cor. of secs. 3 and 34.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in a collar of stone to top with brass cap mkd.</p> <p>T368 R13E S34 S 3 T378 1958</p> <p>Deposit broken glass under iron post.</p>	
80.00	Point for the cor. of secs. 3, 4, 33 and 34.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground in a collar of stone to top with brass cap mkd.</p>	

## Survey, S., Edy., T. 36 S., R. 13 E.

Chains

T36S R13E

S33 | S34

S 4 | S 3

T37S

1958

Deposit stone 8x8x8 ins. alongside iron post.

Land, broken sandstone slopes,

Soil, thin sand layer interspersed with broken sandstone.

Timber, very sparse juniper.

Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

N. 89° 58' W., bet. secs. 4 and 33.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 3 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

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

1958

From which,

A large isolated boulder on W. edge of sagebrush flat bears S. 20° W., 3 chs. dist.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam. over a chiseled X on bedrock in a mound of stone to top with brass cap mkd.

T36S R13E

S32 | S33

S 5 | S 4

T37S

1958

Land, E.  $\frac{1}{2}$  mile rolling slopes, W.  $\frac{1}{2}$  mile, broken.

Soil, thin sand layer interspersed with barren or broken sandstone.

Timber, very sparse juniper.

Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

West, bet. secs. 5 and 32.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 6 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

 $\frac{1}{4}$   $\frac{S32}{S 5}$ 

T37S

1958

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 3 ins. in the ground in a mound of stone to top with brass cap mkd.

Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 13 E.

Chains		and O
	<p>True point for the <math>\frac{1}{4}</math> sec. cor. of secs. 6 and 31.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 13 ins. in the ground in a mound of stone to top with brass cap mkd.</p> <p>T36S R13E  <math>\frac{1}{4}</math> S31  S 6  T37S  1958</p> <p>Land, broken sandstone slopes.  Soil, thin sand layer over broken sandstone.  Timber, very sparse juniper.  Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.</p>	
40.00	<p>West, bet. secs. 6 and 31.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 6 and 31.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 13 ins. in the ground in a mound of stone to top with brass cap mkd.</p> <p>T36S R13E  <math>\frac{1}{4}</math> S31  S 6  T37S  1958</p> <p>Cont. over broken sandstone slopes.</p>	
78.40	<p>True point for the cor. of Tps. 36 and 37 S., Rs. 12 and 13 E., which is witnessed N. 0.85 chs. dist. by an iron post, 2<math>\frac{1}{2}</math> ins. diam., set, mkd. and witnessed as described in the official record.</p> <p>Land, broken sandstone slopes.  Soil, thin sand layer over broken sandstone.  Timber, very sparse juniper.  Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.</p>	
	<p>Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 13 E.</p>	
	<p>Survey executed by photogrammetric processes. Topography is omitted from these field notes but is shown upon the plat from U. S. Geological Survey Quadrangles.</p> <p>Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. by of the Tp.</p>	
39.80	<p>N. 0° 01' W., bet. secs. 35 and 36.</p> <p>Point selected for the witness <math>\frac{1}{4}</math> sec. cor. of secs. 35 and 36.</p> <p>Set an iron post, 18 ins. long, 1 in. diam., 10 ins. in drill hole into solid sandstone, with brass cap mkd.</p> <p>T36S R13E  <math>\frac{1}{4}</math> W C  S35 S36  1958</p>	
40.00	<p>True point for the <math>\frac{1}{4}</math> sec. cor. of secs. 35 and 36 falls on steep broken N. slope. Unsafe to monument this point.</p>	

Survey of Portion of Subdivision of Lands, T. 26 S., R. 13 E.

Chains

75.00

Point selected for the witness cor. of secs. 25, 26, 35 and 36 falls 2 chs. S. of wash in canyon.

Set an iron post, 18 ins. long, 1 in. diam. in drill hole, 10 ins. into solid sandstone with brass cap mkd.

T36S R13E  
W C  
826 825  
S35 S36  
1958

80.00

True point for the cor. of secs. 25, 26, 35 and 36 falls on steep broken S. slope. Unsafe to monument this point.

Land, steep and broken slopes.  
Soil, thin layer of sand.  
Timber, very sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp.

N. 89° 58' W., bet. secs. 25 and 36.

40.00

Point for the 1/4 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E  
825  
S36  
1958

80.00

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

Land, rough and broken.  
Soil, thin sand layer.  
Timber, very sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

At the ~~XXXXXXXXXX~~ point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T36S R13E  
S 2 | S 1  
S11 | S12  
1958

Thence,  
N. 0° 01' W., bet. secs. 1 and 2.

31.41

Intersect the Seventh Standard Parallel South on the S. bdy. of sec. 36, T. 35 1/2 S., R. 13 E., at point for closing corner.

Set an iron post, 18 ins. long, 1 in. diam., 10 ins. in drill hole in solid sandstone, with brass cap mkd.

Survey Section of Subdivided Lands, T. 35 S., R. 13 E.

Class

Section

T368 R13E  
 S 2 | S 1  
 T368  
 1938

From this point, the standard  $\frac{1}{4}$  sec. cor. of sec. 36, T. 35 S., R. 13 E., bears W., 7.74 chs. dist. and is monumented by an iron post, 1 in. diam., set, mhd. and witnessed as described in the official record.

Land, rough and broken.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the cor. of secs. 1, 2, 11 and 12.

N. 89° 59' W., bet. secs. 2 and 11.

40.00 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground and in a mound of stone to top with brass cap mhd.

T368 R13E  
 S 2 | S 1  
 T368  
 1938

80.00 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground and in a mound of stone to top with brass cap mhd.

T368 R13E  
 S 3 | S 2  
 S 10 | S 11  
 T368  
 1938

Land, rough and broken sandstone slopes.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

W. 0° 01' W., bet. secs. 2 and 3.

Over steep broken slopes.

31.39 Intersect the Seventh Standard Parallel South on the S. bdy. of sec. 35, T. 35 S., R. 13 E., at point for closing corner.

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

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

T368 R13E  
 S 3 | S 2  
 T368  
 1938

From which,  
 A ledge, 50 ft. high, bearing NE. and SW., bears S. 2 chs. dist.

Survey, Fortified as Subdivisional Lines, T. 36 S., R. 13 E.

Chains

From this cor. the standard  $\frac{1}{4}$  sec. cor. of sec. 35, T. 35 $\frac{1}{2}$  S., R. 13 E., bears W. 7.40 chs. dist., monumented by an iron post, 1 in. diam. set, mkd. and witnessed as described in the official record.

Land, very steep and broken.

Soil, thin sand layer over sandstone.

Timber, sparse juniper.

Vegetation, sparse growth of black brush, shadescale, Brigham tea, cactus and native grasses.

At midpoint on the N. bdy. of sec. 2 and on the Seventh Standard Parallel South.

Point for the  $\frac{1}{4}$  sec. cor. of sec. 2.

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

T35 $\frac{1}{2}$ S R13E

$\frac{1}{4}$  S 2  
T36S  
1958

From this point the standard cor. of secs. 35 and 36, T. 35 $\frac{1}{2}$  S., R. 13 E. bears W. 7.57 chs. dist. and is monumented by an iron post, 2 ins. diam. set, mkd. and witnessed as described in the official record.

At a point N. 0° 02' W., 240.00 chs. dist. from the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., previously described, point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 8 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T36S R13E

S16 | S15  
821 | S22  
1958

Thence,

N. 0° .02' W., bet. secs. 15 and 16.

Over broken W. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 8 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

$\frac{1}{4}$  S16 | S15  
1958

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 8 ins. in the ground and in a mound of stone to top, with brass cap mkd.

Survey, Portion of Subdivision of Lands, Twp. 36 S., R. 13 E.

Chains

and

T36S R13E  
S19 | S16  
S16 | S15  
1958

Land, rough and broken.  
Soil, thin sand layer over broken sandstone.  
Timber, sparse juniper.  
Vegetation, sparse growth of shadscale, cactus and native grasses.

From the cor. of secs. 15, 16, 21 and 22  
N. 89° 58' W., bet. secs. 16 and 21.

40.00

Point for the 1/4 sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground and in a collar of stone to top, with brass cap mkd.

T36S R13E

1/4 S16

S21

1958

Deposit a sandstone 8x8x4 ins. mkd. X alongside iron post.  
Cont. over NW slope.

80.00

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground and in a collar of stone to top, with brass cap mkd.

T36S R13E

S17 | S16

S20 | S21

1958

Deposit a sandstone 6x8x4 ins. mkd. X alongside iron post.

Land, rough and broken.  
Soil, thin sand layer.  
Timber, sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

N. 0° 03' W., bet. secs. 16 and 17.

Over land sloping W to Colorado River.

40.00

Point for the 1/4 sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground and in a collar of stone to top with brass cap mkd.

T36S R13E

1/4 S17 | S16

1958

Deposit a sandstone 6x4x3 mkd. X alongside iron post.

Survey Partion of Subdivisional Lines, T. 36 S., R. 13 E.

Chains

80.00 Point for the cor. of secs. 8, 9, 16 and 17.  
Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

S 8 | S 9

S17 | S16

1958

Deposit a sandstone 6x8x3 ins. mkd. X alongside iron post.

Land, gentle W. slope to Colorado Rim.

Soil, sandy.

Timber, sparse juniper.

Vegetation, shadscale, black brush, Brigham tea, cactus and native grasses.

From the cor. of secs. 9, 10, 15 and 16.

N. 89° 58' W., bet. secs. 9 and 16.

40.00 Point for the ¼ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

S 9

¼ S16

1958

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, rough and broken.

Soil, thin sand layer over broken sandstone.

Timber, sparse juniper.

Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 32 and 33.

40.00 Point for the ¼ sec. cor. of secs. 32 and 33.

Set an iron post, 18 ins. long, 1 in. diam., in drill hole, 8 ins. into solid sandstone, with brass cap mkd.

T36S R13E

¼ S32 | S33

1958

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

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

T36S R13E

S29 | S28

S32 | S33

1958

Survey, Fortia and Subdivisions, T. 26 S., R. 13 E.

Chains

SECTION 32

Land, rough and broken.  
Soil, thin sand layer over sandstone.  
Timber, sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 31 and 32.

Across Red Canyon.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 32 falls on steep broken slope where monument cannot be perpetuated.

40.20 Point selected for the witness 1/4 sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T36S R13E

S31 | S32

W.C.

1958

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone to top with brass cap mkd.

T36S R13E

S30 | S29

S31 | S32

1958

Land, rough and broken.  
Soil, thin sand layer over broken sandstone.  
Timber, sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

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

N. 89° 58' W., bet. secs. 29 and 32.

40.00 Point for the 1/4 sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., on bedrock and in a mound of stone to top, with brass cap mkd.

T36S R13E

1/4 S29

S32

1958

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

Land, rough and broken.  
Soil, thin sand layer.  
Timber, sparse juniper.  
Vegetation, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

## Township 36 South, Range 13 East

Chains

meters

## General Description

This township consists mainly of broken mesas, interspersed with deep eroded washes. Where there is soil cover it is principally sand with numerous sandstone outcrops, covered with black brush, shadscale, Brigham tea and native grasses.

The Colorado River enters the township at the standard corner of sections 33 and 34, draining southwesterly and leaving the township on the west boundary of section 19. Red Canyon drains the southern portion of the township.

Very little timber is noted in this township.

There has been activity in prospecting for uranium in this area the past few years.





CERTIFICATE OF CADASTRAL ENGINEER

We, Leslie H. Godwin and Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1959, We have surveyed the south and east boundaries and a portion of the subdivisional lines of T. 36 S., R. 13 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 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
January 16, 1959

Leslie H. Godwin
Leslie H. Godwin
Dell Cazier
Dell Cazier
Cadastral Surveyors

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., APR 13 1960, 19

The foregoing field notes of the survey of the south and east boundaries and a portion of the subdivisional lines of T. 36 S., R. 13 E., Salt Lake Meridian, Utah

executed by Leslie H. Godwin and Dell Cazier having been critically examined and found correct, are hereby approved.

[Signature]
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

THE SOUTH BOUNDARY

AND

A PORTION OF THE SUBDIVISIONAL LINES

OF

TOWNSHIP 36 SOUTH, RANGE 14 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Leslie H. Godwin, Cadastral Surveyor

Dell Cazier, Cadastral Surveyor

Under special instructions dated May 13, 1955, which provided

for the surveys included under Group No. 405, approved May 31, 1955

and assignment instructions dated September 4, 1958

Survey commenced October 15, 1958

Survey completed October 31, 1958

# INDEX DIAGRAM

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6

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	10				5
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4	3	3	2	2	1

2100

Chains

The north boundary (Seventh Standard Parallel South) and the east boundary were surveyed by Robert C. Yandt in 1930. The west boundary was surveyed concurrently under this same group by Leslie H. Godwin and Dell Carter and the record appears in the field notes of T. 36 S. R. 13 E.

The following field notes represent the survey of the south boundary and a portion of the subdivisional lines by photogrammetric processes. The calculation of coordinates of all points and courses and distances between corners, is based upon positions of U. S. Geological Survey triangulation stations and auxiliary triangulation stations established by the Bureau of Land Management by the three-point method.

The coordinates of each corner were predetermined and each corner established by reference to three photo identifiable objects whose coordinates were determined by photogrammetric methods. A plane table, alidade and a two-chain tape were used in determining the true corner point.

All subdivisional lines established are calculated to be at the position they would occupy if the entire township were subdivided. The geographic position of the southeast corner of the township, as determined from ties to triangulation stations in the area, is latitude 37° 36' 23.218" N., and longitude 110° 18' 37.722" W.

The magnetic declination was read at a number of stations throughout the course of the survey and was determined to be 15° E.

Survey of the South Boundary, T. 36 S., R. 14 E.

Survey executed by photogrammetric processes. Topography is omitted from these field notes as topographic overlay furnished by the U. S. Geological Survey are shown upon the plat.

From the cor. of Tps. 36 and 37 S., Rs. 14 and 15 E., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

N. 89° 58' W., bet. secs. 1 and 36.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, in a mound of stone, 3 1/2 ft. base, with brass cap mkd.

T36S R14E  
1/4 S36  
S 1  
T37S  
1958

78.50 Point selected for the witness cor. of secs. 1, 2, 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base, with brass cap mkd.

T36S R14E  
W S35 S36  
C S2 S1  
T37S  
1958

80.00 True point for the cor. of secs. 1, 2, 35 and 36 falls on steep, broken slope where monument cannot be perpetuated.

Survey of the South Boundary of T. 36 S., R. 14 E.

Chains

marked

Land, rough and broken. Soil, thin sand layer over broken sandstone. Timber, sparse juniper. Undergrowth, sparse growth of black brush, Brigham tea, cactus and native grasses.

40.00

N. 89° 58' W., bet. secs. 2 and 35.  
Point for the 1/4 sec. cor. of secs. 2 and 35.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T36S R14E  
S 35  
S 2  
T37S  
1958

Deposit broken glass alongside iron post.

80.00

Point for the cor. of secs. 2, 3, 34 and 35.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, in a mound of stone, 5 ft. base, with brass cap mkd.

T36S R14E  
S34 | S35  
S3 | S2  
T37S  
1958

Land, rough and broken. Soil, thin sand layer over broken sandstone. Timber, sparse juniper. Undergrowth, sparse growth of black brush, Brigham tea, cactus and native grasses.

40.00

N. 89° 58' W., bet. secs. 3 and 34.

Point for the 1/4 sec. cor. of secs. 3 and 34.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T36S R14E  
S 34  
S 3  
T37S  
1958

Deposit rock mkd. X alongside iron post.

80.00

Point for the cor. of secs. 3, 4, 33 and 34.

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

T36S R14E  
S33 | S34  
S4 | S3  
T37S  
1958

Survey of the South Boundary to T. 36 S., R. 14 E.

Chains

Deposit rock mkd. X alongside iron post.

Land, rough and broken.

Soil, thin sand layer over broken sandstone.

Timber, sparse juniper.

Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.

N. 89° 58' W., bet. secs. 4 and 33.

40.00 Point for the 1/4 sec. cor. of secs. 4 and 33, falls on steep and broken E. rim of Mancos Mesa where monument cannot be perpetuated.

42.35 Point selected for the witness cor. of secs. 4 and 33. Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone to top, with brass cap mkd.

T36S R14E  
S33 W  
S 4 C  
T37S  
1958

Cont. over Mancos Mesa.

80.00 Point for the cor. of secs. 4, 5, 32 and 33. Set an iron post, 18 ins. long, 1 in. diam., 12 ins. into drill hole in solid sandstone, with brass cap mkd.

T36S R14E  
S32 | S33  
S5 | S4  
T37S  
1958

Land, E 1/2 mile broken sandstone slopes; W 1/2 mile rolling mesa. Soil, thin sand layer over broken sandstone. Timber, sparse juniper. Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

N. 89° 58' W., bet. secs. 5 and 32.

40.00 Point for the 1/4 sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R14E  
S32  
S 5  
T37S  
1958

80.00 Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R14E  
S32  
S 5  
T37S  
1958

Survey of the South Boundary of Twp 36 S., R. 14 E.

Chains

20000

... of T36S R14E ...  
S31|S32  
S6|S5  
 ... T37S ...  
 1958  
 Land, rolling sandstone slopes.  
 Soil, thin sand layer over bare sandstone.  
 Timber, sparse juniper.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

40.00

...  
 N. 89° 58' W., bet. secs. 6 and 31.  
 Point for the ¼ sec. cor. of secs. 6 and 31.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone to top, 3 ft. base, with brass cap mkd.

T36S R14E

¼ S31  
S 6

T37S

1958

77.57

The cor. of Tps. 36 and 37 S., R. 13 and 14 E., monumented by an iron post, 2½ ins. diam., as described in the field notes of T. 37 S., R. 13 E., surveyed concurrently under this same group.  
 Land, rolling mesa top.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

Survey of a Portion of the Subdivisional Lines, T. 36 S., R. 14 E.

Survey executed by photogrammetric processes. Topography is omitted from these field notes as topographic overlay furnished by the U. S. Geological Survey are shown upon the plat.

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp. N. 0° 01' W., bet. secs. 35 and 36.

40.00

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, with brass cap mkd.

T36S R14E

¾ S35|S36

1958

Cont. over broken sandstone.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R14E

S26|S25

S35|S36

1958

Land, rough and broken.  
 Soil, thin sand layer.  
 Timber, sparse juniper.

Survey of a Portion of the Subdivision Lines, T. 36 S., R. 14 E.

Chains

Undergrowth, sparse growth of black brush, shadscale, juniper and native grasses.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp.  
N. 89° 58' W., bet. secs. 25 and 36.

Over broken NW. slope.

20.00

Point for the  $\frac{1}{2}$  sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mhd.

T368 R14E  
532  
536  
1958

20.00

The cor. of secs. 25, 26, 35 and 36.

Land, rough and broken.

Soil, thin sand layer.

Timber, sparse juniper.

Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.

At the ~~XXXXXXXX~~ point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mhd.

T368 R14E  
511  
512  
1958

Tance

N. 0° 01' W., bet. secs. 1 and 2.

Over steep NW. slope.

21.34

Intersect the Seventh Standard Parallel South on the S. bdy. of sec. 36, T. 35 S., R. 14 E., at point for closing corner.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mhd.

T368 R14E  
529  
527  
531  
T368  
1958

From this point the standard  $\frac{1}{2}$  sec. cor. of sec. 36, T. 35 S., R. 14 E., bears West 4.19 cor. dist. and is monumented with an iron post, 1 in. diam., set, mhd. and witnessed as described in the official record.

Land, very steep and broken.

Soil, thin sand layer.

Timber, sparse juniper.

Undergrowth, sparse growth of black brush, Brigham tea, shadscale and native grasses.

Survey of a Portion of the Subdivision in Mines of T. 36 S., R. 14 E.

Chains	From the cor. of secs. 1, 2, 11 and 12. N. 89° 59' W., bet. secs. 2 and 11.
39.20	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 2 and 11. Set an iron post, 15 ins. long, 1 in. diam., 8 ins. in drill hole, in solid sandstone, with brass cap mkd. T36S R14E $\frac{1}{4}$ W S 2 C. S11 1958
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11. falls on steep broken slope where monument cannot be perpetuated.
80.00	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd. T36S R14E S3 S2 S10 S11 1958 Land, broken sandstone slopes. Soil, thin sand layer. Timber, sparse juniper. Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.
31.52 =	N. 0° 01' W., bet. secs. 2 and 3. Intersect the Seventh Standard Parallel South on the S. bdy. of sec. 35, T. 35 S., R. 14 E. at point for closing corner Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone to top, 4 ft. base, with brass cap mkd. T35S R14E S35 S3 S2 T36S 1958 From this point the standard $\frac{1}{4}$ sec. cor. of sec. 35, T. 35 S., R. 14 E., bears West 4.48 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record Land, broken sandstone slopes. Soil, thin sand layer. Timber, sparse juniper. Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.
	At midpoint on the N. bdy. of sec. 2, and the Seventh Standard Parallel South. Point for the $\frac{1}{4}$ sec. cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 36 S., R. 14 E.

Chains

T35S R14E

$\frac{1}{4}$  S 2  
T36S  
1958

From this point the standard cor. of secs. 35 and 36, T. 35 S., R. 14 E. bears West, 4.31 chs. dist., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

At a point N. 0° 02' W., 240.00 chs. dist. from the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., previously described, point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R14E  
S16|S15  
S21|S22  
1958

Thence

N. 0° 02' W., bet. secs. 15 and 16.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone to top, 4 ft. base, with brass cap mkd.

T36S R14E  
 $\frac{1}{4}$   
S16|S15  
1958

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

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R14E  
S 9|S10  
S16|S15  
1958

Land, broken sandstone slopes.

Soil, thin sand layer.

Timber, sparse juniper.

Undergrowth, sparse growth of black brush, shadscale, Brigham tea and native grasses.

From the cor. of secs. 15, 16, 21 and 22.

N. 89° 58' W., bet. secs. 16 and 21.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 36 S., R. 14 E.

Chains

T36S R14E  
 $\frac{1}{4}$  S16  
 S21  
 1958

80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a chiseled X in solid sandstone, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R14E  
 S17|S16  
 S20|S21  
 1958

Land, broken sandstone slopes.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

N. 0° 03' W., bet. secs. 16 and 17.

40.00

Point for the ¼ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., over a chiseled X in solid sandstone and in a mound of stone to top, 4 ft. base, with brass cap mkd.

T36S R14E  
 $\frac{1}{4}$   
 S17|S16  
 1958

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone to top, 4 ft. base, with brass cap mkd.

T36S R14E  
 S8|S9  
 S17|S16  
 1958

Land, rough and broken.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.

From the cor. of secs. 9, 10, 15 and 16.

N. 89° 58' W., bet. secs. 9 and 16.

40.00

Point for the ¼ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone to top, 4 ft. base, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 36 S., R. 14 E.

Chains

T36S R14E  
 $\frac{1}{4}$  S 9  
 S16  
 1958

80.00

The cor. of secs. 8, 9, 16 and 17.  
 Land, rough and broken sandstone slopes.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp.  
 N. 0° 03' W., bet. secs. 32 and 33.

40.00

Point for the cor. of secs. 32 and 33.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

T36S R14E  
 $\frac{1}{4}$   
 S32 | S33  
 1958

80.00

Point for the cor. of secs. 28, 29, 32 and 33.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, with brass cap mkd.

T36S R14E  
 S29 | S28  
 S32 | S33  
 1958

Land, rolling sandstone slopes.  
 Soil, thin sand layer.  
 Timber, sparse juniper.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.  
 N. 0° 03' W., bet. secs. 31 and 32.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone to top, 5 ft. base, with brass cap mkd.

T36S R14E  
 $\frac{1}{4}$   
 S31 | S32  
 1958

80.00

Point for the cor. of secs. 29, 30, 31 and 32.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 39 N., R. 14 E.

Chains

T36S R14E  
S30 | S29  
S31 | S32  
1958

Land, rolling sandstone slopes.  
Soil, thin sand layer.  
Timber, sparse juniper.  
Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

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

N. 89° 58' W., bet. secs. 29 and 32.

40.00

Point for the 1/4 sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R14E  
1/4 S29  
S32  
1958

80.00

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

Land, rolling sandstone slopes.  
Soil, thin sand layer.  
Timber, sparse juniper.  
Undergrowth, sparse growth of black brush, shadscale, Brigham tea, and native grasses.

General Description

This township consists mainly of broken mesas and deep eroded washes. It is drained principally by Red and Blue Canyons northwesterly through the township.

The east rim of Mancos Mesa bears NW. and SE. in the west half of the township.

There has been activity in prospecting for uranium in this area during the past few years.



CERTIFICATE OF CADASTRAL ENGINEER

X, We, Leslie H. Godwin and Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1955, we have surveyed the south boundary and a portion of the subdivisional lines of T. 36 S. R. 14 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 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
January 16, 1959

Leslie H. Godwin
Leslie H. Godwin, Cadastral Surveyor
Dell Cazier
Dell Cazier, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., APR 13 1960, 19

The foregoing field notes of the survey of the south boundary and a portion of the subdivisional lines of T. 36 S., R. 14 E., Salt Lake Meridian, Utah

executed by Leslie H. Godwin and Dell Cazier, Cadastral Surveyors
having been critically examined and found correct, are hereby approved.

Donald Clement
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 36 S. R. 14 E., SLM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

2-579  
(September 1948)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

A PORTION OF THE

SUBDIVISIONAL LINES

OF

TOWNSHIP 36 SOUTH, RANGE 15 EAST

Of the ..... Salt Lake ..... Meridian,

In the State of ..... Utah

EXECUTED BY

.....  
Leslie H. Godwin, Cadastral Surveyor

.....  
Dell Cazier, Cadastral Surveyor

Under special instructions dated ..... May 13 ....., 1955, which provided  
for the surveys included under Group No. .... 405 ....., approved ..... May 31, 1955  
and assignment instructions dated ..... September 4 ....., 1958

Survey commenced ..... November 1 ....., 1958

Survey completed ..... November 7 ....., 1958

# INDEX DIAGRAM

Township 36 South, Range 15 East

0	5	4	3 3	2 2	1
				3	
7	8	9	10	11	12
		6			
13	17 5	16 4	15	14	18
		5			
19	20	21	22	23	24
20	29	28	27	26	25
	7				2
31 6	32 6	33	34	35 1	36

GPO 866119

245

Township 36 South, Range 15 East

Chains

The north boundary (Seventh Standard Parallel South) and the west boundary were surveyed by Robert C. Yundt in 1930. The south and east boundaries were surveyed by Phil D. Smith in 1956.

The following field notes represent the survey of a portion of the subdivisional lines by photogrammetric processes. The calculation of coordinates of all points and courses and distances between corners is based upon positions of U. S. Geological Survey triangulation stations and auxiliary triangulation stations established by the Bureau of Land Management by the three-point method. The coordinates of each corner position were predetermined and each corner established by reference to three photo identifiable objects whose coordinates were determined by photogrammetric methods. A plane table, alidade and a two-chain steel tape were used in determining the true corner point.

All subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

The geographic position of the southeast corner of this township, as determined from ties to triangulation stations within the area is latitude 37° 36' 24.538" N. and longitude 110° 12' 07.148" W.

The magnetic declination was read at a number of stations throughout the course of this survey and was determined to be 15° E.

Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 15 E.

Survey executed by photogrammetric processes. Topography is omitted from these field notes but is shown upon the plat by contour overlay prepared by the U. S. Geological Survey.

Beginning at the true point for the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is witnessed S. 89° 48' W., 1.00 ch. dist. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.

N. 0° 01' W., bet. secs. 35 and 36.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R15E  
¼  
S35|S36  
1958

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.

T36S R15E  
S26|S25  
S35|S36  
1958

Land, rough and broken.  
Soft, thin sand layer over broken sandstone.  
Timber, thinly scattered juniper and pinion.  
Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 15 E.

Chains

and (D)

From the cor. of secs. 25, 30, 31 and 36, on the E. bay of the Tp., which is monumented with an iron post, 2 1/2 ins. diam., set, mkd. and witnessed as described in the official record.

S: 89° 48' W., bet. secs. 25 and 36.

40.00 Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, with brass cap mkd.

T36S R15E

S25

S36

1958

from which

A pinion, 16 ins. diam., bears S. 10° E., 18 lks. dist., mkd. 1/2 S36 Bt.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, barren sandstone slopes.  
Soil, thin sand layer.  
Timber, dense growth of juniper and pinion.  
Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

At the ~~XXXXXX~~ point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 6 ft. base, with brass cap mkd.

T36S R15E

S2 | S1

S11 | S12

1958

Thence

N. 0° 01' W., bet. secs. 1 and 2.

30.23 Intersect the Seventh Standard Parallel South, on the S. bdy. of sec. 36, T. 35 S., R. 15 E., at point for closing corner.

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

T35S R15E

S36

S2 | S1

T36S

1958

Deposit rock mkd. "X" alongside iron post.

from which

A lone juniper, 10 ins. diam., bears N. 15° W., 1.45 chs.; from point of intersection, the standard 1/4 sec. cor. of sec. 36, T. 35 S., R. 15 E. bears West 0.40 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Land, rolling slopes.  
Soil, thin sand layer.  
Timber, thinly scattered juniper and pinion.  
Undergrowth, sparse growth of black brush, Brigham tea, shadscale, and native grasses.

Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 15 E.

Chains

From the cor. of secs. 2, 11 and 12  
 S. 89° 48' W., bet. secs. 2 and 11.  
 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11.  
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam. over a chiseled cross (X) on bedrock and in a mound of stone, 5 ft. base, with brass cap mkd.  
 T36S R15E  
 $\frac{1}{4}$  S 2  
 S11  
 1958

80.00 True point for the cor. of secs. 2, 3, 10 and 11 falls on steep and broken slope where monument cannot be perpetuated.  
 Point selected for the witness cor. of secs. 2, 3, 10 and 11, bears S. 0° 01' E., 13.10 chs. dist.  
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.  
 T36S R15E  
 W C.  
 S3 S2  
 S10 S11  
 1958

Land, very rough and broken.  
 Soil, sandy.  
 Timber, thinly scattered juniper and pinion.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

From the true point for the cor. of secs. 2, 3, 10 and 11.  
 N. 0° 01' W., bet. secs. 2 and 3.  
 30.50 Intersect the Seventh Standard Parallel South on the S. bdy. of sec. 35, T. 35 S., R. 15 E., at point for closing corner.  
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, with brass cap mkd.  
 T35S R15E  
 S35  
 S3 S2  
 T36S  
 1958

From this point the standard  $\frac{1}{4}$  sec. cor. of sec. 35, T. 35 S., R. 15 E. bears West 0.35 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.  
 Land, rough and broken sandstone.  
 Soil, thin sand layer.  
 Timber, thinly scattered juniper and pinion.  
 Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 15 E.

Chains

40.00

At midpoint on the N. bdy. of sec. 2 and on the Seventh Standard Parallel South.

Point for the  $\frac{1}{4}$  sec. cor. of sec. 2.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T35 R15E

$\frac{1}{4}$  S 2  
T36S  
1958

From this point the standard cor. of secs. 35 and 36, T. 35 S., R. 15 E. bears West 0.37 chs. dist. and is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

The true point for the cor. of secs. 15, 16, 21 and 22 is N. 0° 02' W. 240 chs. dist. from the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. and falls on a steep W. slope where a monument cannot be perpetuated. Point selected for the witness cor. bears S. 89° 48' W., 0.80 chs. dist. from the true point and is monumented by an iron post 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.

T36S R15E

S16 | S15  
S21 | S22  
1958

Thence from the true point for the cor. of secs. 15, 16, 21 and 22.

N. 0° 02' W., bet. secs. 15 and 16.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base, with brass cap mkd.

T36S R15E

$\frac{1}{4}$  S16 | S15  
1958

A pinion, 10 ins. diam., blazed on W. side, bears East 1 lk.

80.00

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R15E

S 9 | S10  
S16 | S15  
1958

Land, rolling sandstone slopes.  
Soil, thin sand layer over bare sandstone.  
Timber, dense growth of juniper and pinion.  
Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.

**Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 15 E.**

**Chains**

From the true point for the cor. of secs. 15, 16, 21 and 22.

S. 89° 48' W., bet. secs. 16 and 21.

**40.00** The witness cor. of secs. 15, 16, 21 and 22, previously described.

**40.00** Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 10 ins. long, 1 in. diam., 6 ins. in drill hole into solid sandstone, with brass cap mkd.

T36S R15E

$\frac{1}{4}$  S16  
S21

1958

Raise a mound of stone, N. of cor., 3 ft. base, 18 ins. high.

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

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, in a mound of stone, 6 ft. base, with brass cap mkd.

T36S R15E

S17 | S16  
S20 | S21

1958

Land, E½ mile rolling sandstone; W½ mile steep and broken.

Soil, thin sand layer.

Timber, sparse juniper and pinion.

Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.

N. 0° 03' W., bet. secs. 16 and 17.

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

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, in a mound of stone, 4 ft. base, with brass cap mkd.

T36S R15E

$\frac{1}{4}$  S17 | S16

1958

**80.00** Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.

T36S R15E

S8 | S9  
S17 | S16

1958

Land, steep and broken.

Soil, thin sand layer.

Timber, thinly scattered juniper and pinion.

Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

Survey of a Portion of the Subdivision of Lands of Twp. 36 S., R. 15 E.

Chains	and/or
	From the cor. of secs. 9, 10, 15 and 16, on the S. bdy. of the Tp.,
40.00	S. 89° 48' W., bet. secs. 9 and 16.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a chiseled cross (X) on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.
	T36S R15E
	S29 S32
	1958
80.00	The cor. of secs. 8, 9, 16 and 17.
	Land, rough and broken.
	Soil, thin sand layer.
	Timber, dense growth of juniper and pinion.
	Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.
40.00	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp.,
	monumented by an iron post, 2 1/2 ins. diam., set, mkd. and witnessed as described in the official record.
	N. 0° 03' W., bet. secs. 32 and 33.
80.00	Point for the 1/2 sec. cor. of secs. 32 and 33.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., on bedrock, and in a mound of stone, 4 ft. base, with brass cap mkd.
	T36S R15E
	S32 S33
	1958
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.
	T36S R15E
	S29 S28
	S32 S33
	1958
	Land, rough and broken.
	Soil, thin sand layer.
	Timber, thinly scattered juniper and pinion.
	Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.
40.00	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.,
	monumented by an iron post, 2 1/2 ins. diam., set, mkd. and witnessed as described in the official record.
	N. 0° 03' W., bet. secs. 31 and 32.
80.00	Point for the 1/2 sec. cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., on bedrock, in a mound of stone, 3 ft. base, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines of T. 36 S., R. 15 E.

Chains

T36S R15E

¼  
S31|S32  
1958

60.80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T36S R15E

S30|S29  
S31|S32  
1958

Land, rough and broken.

Soil, thin sand layer.

Timber, thinly scattered juniper and pinion.

Undergrowth, sparse growth of black brush, shadscale, Brigham tea, cactus and native grasses.

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

S. 89° 48' W., bet. secs. 29 and 32.

40.00

Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., on bedrock, in a mound of stone, 5 ft. base, with brass cap mkd.

T36S R15E

¼ S29  
S32  
1958

80.00

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

Land, rough and broken.

Soil, thin sand layer.

Timber, thinly scattered juniper and pinion.

Undergrowth, sparse growth of black brush, Brigham tea, shadscale, cactus and native grasses.

General Description

This township consists mainly of broken mesas and deep eroded washes. The principal drainage is Blue Canyon, which drains southwesterly in the south half of the township, leaving the township in the south boundary of section 32.

A dense growth of juniper and pinion was noted on the mesa tops. Undergrowth is mainly black brush, shadscale, Brigham tea and native grasses.

Evidence of prospecting for uranium in this area was also noted.



4-680  
(Feb., 1980)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

NAMES	CAPACITY
Jim H. Tyer	Rear Chainman
Edward Dean Conklin	Instrumentman
Reginald Dean Burt	Front Chainman
Stanwood S. Wilfong	Truck driver and cornerman

CERTIFICATE OF CADASTRAL ENGINEER

X We, Leslie H. Godwin and Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1955,

we have surveyed a portion of the subdivisional lines of T. 36 S., R. 15 E. of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed by US and under OUT 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
January 16, 1959

Leslie H. Godwin, Cadastral Surveyor
Dell Cazier, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., APR 13 1960, 19

The foregoing field notes of the survey of a portion of the subdivisional lines of T. 36 S., R. 15 E., Salt Lake Meridian, Utah

executed by Leslie H. Godwin and Dell Cazier, Cadastral Surveyors having been critically examined and found correct, are hereby approved.

Donald B. Clendenen
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 36 S., R. 15 E., SIM, Utah, is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 36 SOUTH, RANGE 16 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Leslie H. Godwin - Cadastral Surveyor

Under special instructions dated May 13, 1955, which provided  
for the surveys included under Group No. 405, approved May 31, 1955  
and assignment instructions dated September 4, 1958.

Survey commenced October 3, 1958.

Survey completed November 8, 1958.



Township 36 South, Range 16 East

Chains

The north boundary, (Seventh Standard Parallel South) was surveyed by Robert C. Yundt in 1930. The east boundary was surveyed by Moore and Yundt in 1929. The south boundary was surveyed by P. D. Smith in 1956 in connection with the survey of T. 37 S., R. 16 E. The west boundary and a portion of the subdivision were surveyed by P. D. Smith in 1956.

The following field notes are those of the survey of a portion of the subdivision of T. 36 S., R. 16 E. to finish marking the boundaries of those sections designated as state school sections.

The survey was executed with W. and L. E. Gurley transit, serial No. 541330, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of this survey. The direction of the lines of survey were determined by several altitude observations on the sun for azimuth taken throughout the course of the survey. Lines connecting previously established corners were run by random and true method; for simplification of the record, the random lines are omitted from the field notes. All subdivisional corners established were calculated to be at the position they would occupy if the entire township were subdivided.

Measurements were made with a narrow steel tape, 5 chains in length, graduated every link for the first 100 links; the remainder at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. All measurements were made on the slope and the vertical angle of each interval ascertained by a clinometer in good adjustment. The horizontal equivalents alone are entered in the field note record. Lengths of all lines were determined by chaining where possible; otherwise by traverse or triangulation. Details of such traverses or triangulations have been thoroughly verified and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The geographic position for the southeast corner of the township is in latitude 37° 36' 24" N. and longitude 110° 05' 35" W., as determined from U. S. Geological Survey topographic quadrangle sheet "Natural Bridges."

The magnetic declination was read at a number of stations throughout the course of this survey and was determined to be 15° East.

Portion of the Subdivision of T. 36 S., R. 16 E.

Beginning at the cor. of secs. 3, 4, 33 and 34, Tps. 36 and 37 S., R. 16 E., on the S. bdy. of the township, an iron post, 2½ ins. diam. set, mkd. and witnessed as described in the official record of the survey of T. 37 S., R. 16 E.

N. 0° 02' W., bet. secs. 33 and 34.

Over series of boulder strewn spurs and washes, through moderately scattered juniper and pinion.

Desc. 210 ft. over broken general NE. slope to point for ¼ sec. cor.

17.50 Bulldozed road, bears SW. and NE.

27.80 Spur, slopes NE.

34.00 Wash, drains NE.

40.00 Point for the ¼ sec. cor. of secs. 33 and 34.

Portion of the Subdivision of T. 36 S., R. 16 E.

Chains	Notes
	Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top with brass cap mkd. T36S R16E S33 S34 1958
80.00	Cont. over broken general NE. slope. Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd. T36S R16E S28 S27 S33 S34 1958
	Land, broken. Soil, sandy silt. Timber, dense juniper and pinion. Undergrowth, silverleaf, apple brush, greasewood and sagebrush.
14.50	N. 0° 02' W., bet. secs. 27 and 28. Over gradual general NE. slope, through heavy timber. Road, graded, bears NW. and SE.
37.80	Wash, 30 lks. wide, 3 ft. deep, drains NE.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, with brass cap mkd. T36S R16E S28 S27 1958
	Raise a collar of stone to top of post. Cont. gradual descent over broken general NE. slope.
67.10	Wash, bottom of Fry Canyon, 1 ch. wide, 20 ft. deep, drains NW.; asc. 25 ft. over SW. slope to point for sec. cor.
80.00	Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T36S R16E S21 S22 S28 S27 1958
	Land, moderate slope, general NW. drainage. Soil, sandy, with sandstone outcrop. Timber, heavy juniper and pinion. Undergrowth, moderate sagebrush.

Portion of the Subdivision of T. 36 S., R. 16 E.

Chains

N. 0° 02' W., bet. secs. 21 and 22

Over small rolling hills, general NW. drainage, through moderate juniper and pinon.

27.60 Graded gravel road, State Highway No. 95, bears SW. and NE.

29.10 Wash, 50 lks. wide, 20 ft. deep, drains WSW.

38.30 Ravine, 1.50 chs. wide, 30 ft. deep, drains WSW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R16E

$\frac{1}{4}$

S21 | S22

1958

Asc. 50 ft. over gradual broken WSW slope.

67.10 Wash, 50 lks. wide, 10 ft. deep, drains W.

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R16E

S16 | S15

S21 | S22

1958

Land, rolling hills, general WSW. drainage.

Soils, sandy.

Timber, moderate juniper and pinon.

Undergrowth, scattered sagebrush.

N. 0° 02' W., bet. secs. 15 and 16.

Over nearly level land, general W. drainage, through scattered juniper and pinon.

31.90 S. rim of White Canyon, bears E. and W.; desc. 160 ft. over nearly vertical S. wall of canyon.

36.00 Wash at bottom of White Canyon, drains W.; asc. 160 ft. over nearly vertical N. wall of canyon.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 15 and 16 falls on inaccessible point where cor. cannot be perpetuated.

40.50 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 15 and 16, on N. rim of White Canyon.

Set an iron post, 1 in. diam., 18 ins. long, 8 ins. in solid sandstone, with brass cap mkd.

T36S R16E

$\frac{1}{4}$

S16 | S15

W C

1958

Portion of the Subdivision of T36 S., R. 16 E.

Chains

Asc. 50 ft. over broken gradual SW. slope.

78.00

Wash, 10 lks. wide, 4 ft. deep, drains WSW.

80.00

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

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

T36S R16E

S 9 | S10

S16 | S15

1958

Land, nearly level, general WSW. drainage.

Soil, sandy loam.

Timber, scattered juniper and pinion.

Undergrowth, moderate sagebrush.

N. 0° 02' W., bet. secs. 9 and 10.

Over broken general S. slope, through sparsely scattered timber.

10.00

Road, bladed, bears E. and W.

12.00

W. edge of reservoir; asc. 100 ft. over S. slope.

27.00

Foot of mesa, bears NE. and W.; asc. 200 ft. over nearly vertical wall.

36.00

S. rim of mesa; asc. 20 ft. to point for ¼ sec. cor.

40.00

Point for the ¼ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R16E

S 9 | S10

1958

Asc. 150 ft. over rolling broken hills to point for sec. cor.

80.00

Point for the cor. of secs. 3, 4, 9 and 10.

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

T36S R16E

S 4 | S 3

S 9 | S10

1958

Cor. point falls at head of small draw, course SW.

Land, broken hills, general SW. drainage.

Soil, S. ½ sandy, N. ½ rocky.

Timber, scattered juniper.

Undergrowth, moderate sagebrush.

Chains

N. 0° 02' W., bet. sec. 3 and 4.

Over rocky land, through scattered timber.

Asc. 175 ft. over SW. slope.

8.50 Point of spur, slopes W.; desc. 500 ft. over N. slope.

29.84 Intersect Seventh Standard Parallel South. The point for the closing cor. falls at a point where the monument cannot be perpetuated.

At a point 23 lks. W.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T35S, R16E

S34 W

S4 | S3 C

C C

T36S

1958

From the true point for the above cor. the true point for the standard ¼ sec. cor. of sec. 34 bears E. 2.24 chs. dist., from which point its witness cor. bears S. 4.84 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Land, rough and broken.

Soil, rocky.

Timber, thinly scattered juniper.

Undergrowth, moderate sagebrush.

The point for the cor. of secs. 2 and 3, on the N. bdy. of the Tp. is on the Seventh Standard Parallel South at proportionate dist. bet. the closing cor. of Tps. 36 S., Rs. 16 and 17 E. and the true point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T35S, R16E

S35

S3 | S2

T36S

1958

From this point the standard ¼ sec. cor. of sec. 35, T. 35 S., R. 16 E. bears E. 2.62 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Thence

S. 0° 02' E., bet. secs. 2 and 3.

Over moderately steep general N. slope, through scattered timber; asc. 250 ft.

18.00 Foot of walled mesa, bears E. and W.; asc. 280 ft. abruptly over very steep walled mesa to point for sec. cor.

27.35 Point selected for the witness cor. of secs. 2, 3, 10 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S, R16E

Portion of the Subdivision of T<sub>36 S.</sub>, R. 16 E.

Chains	T36S R16E	enedO
	<del>S3 S2</del> S10 S11 W.C. Gads. (1958) 1958	
30.05	True point for the cor. of secs. 2, 3, 10 and 11 falls at a point where the monument cannot be perpetuated. Land, rough and broken, general N. slope. Soil, sandy and rocky in form of sandstone outcrops. Timber, scattered juniper on portions. Undergrowth, short black brush.	
	The point for the cor. of secs. 1 and 2 is on the Seventh Standard Parallel South at proportionate dist. bet. the closing cor. of Tps. 36 S., Rs. 16 and 17 E. and the true point for the closing cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on solid sandstone, in a mound of stone, 5 ft. base to top, with brass cap mkd.	
	T35S-R16E <del>S3 S2</del> S2 S1 T36S 1958	
	From this point the standard ¼ sec. cor. of sec. 36, T <sub>35 S.</sub> , R. 16 E. bears East 2.99 chs. dist. and is monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record. Thence S. 0° 01' E., bet. secs. 1 and 2. Over broken land, through scattered timber; desc. 90 ft. over S. slope 6.20 Wash, drains W.; asc. 320 ft. over general N. slope, 30.00 Foot of walled mesa, bears E. and W.; desc. abruptly 150 ft. over nearly vertical wall to point for sec. cor. 30.25 Point for the cor. of secs. 1, 2, 11 and 12 falls on vertical wall where monument cannot be perpetuated. Point selected for the witness cor. of secs. 1, 2, 11 and 12 bears S. 0° 01' E., 3.21 chs. dist. At this point Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T36S R16E W.C. S2 S1 S11 S12 1958	
	Land, rough and broken. Soil, sandy with sandstone outcrops. Timber, scattered juniper and pinon. Undergrowth, black brush and cacti.	
	From the true point for the cor. of secs. 1, 2, 11 and 12. N. 89° 51' W., bet. secs. 2 and 11. By traverse and triangulation.	

## Partion of the Subdivision of T. 36 S., R. 16 E.

## Chains

Note: The true line bet. secs. 2 and 11 runs along nearly vertical inaccessible N. wall of mesa.

Desc. 300 ft. to point for  $\frac{1}{4}$  sec. cor.

39.81

Point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11 falls on inaccessible nearly vertical N. slope of mesa, where monument cannot be perpetuated.

Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 2 and 11 bears N  $0^{\circ} 02' W.$ ; 7.10 chs. dist.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground, in a mound of stone, 5 ft. base to top, with brass cap mkd.

T36S R16E

W C

 $\frac{1}{4}$  S 2

S11

1958

From the true point for the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11, asc. 300 ft. over NNE. wall of mesa to true point for sec. cor.

79.62

True point for the cor. of secs. 2, 3, 10 and 11.

Land, rough and inaccessible.

Soil, sand and broken sandstone.

Timber, heavy juniper and pinion.

At midpoint on the N. bdy. of sec. 2, on the Seventh Standard Parallel South, point for the  $\frac{1}{4}$  sec. cor. of sec. 2.

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

T35S R16E

 $\frac{1}{4}$  S 2

T36S

1958

From this point the standard cor. of secs. 35 and 36, T. 35 S., R. 16 E. bears East 2.80 chs. and is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

From the cor. of secs. 15, 16, 21 and 22.

N.  $89^{\circ} 50' W.$ , bet. secs. 16 and 21.

Desc. 70 ft. over general SW. slope, through scattered timber.

22.70

Wash, 2 chs. wide, 20 ft. deep, drains SW.; cont. descent; desc. 90 ft. over SW. slope to point for  $\frac{1}{4}$  sec. cor.

39.80

Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T36S R16E

 $\frac{1}{4}$  S16 W

S21 C

1958

Deposit rock mkd. with a cross (X) alongside iron post.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21 falls in wash draining SW. on E. side of Fry Canyon, where monument cannot be perpetuated.

## Portion of the Subdivision of T. 36 S., R. 16 E.

Chains	
40.70	E. rim of Fry Canyon, bears NW. and SE.; desc. abruptly 150 ft. over nearly vertical SW. slope.
45.00	Wash in bottom of Fry Canyon, drains NW.; asc. 160 ft. over nearly vertical NE. slope.
55.00	W. rim of Fry Canyon, bears NW. and SE.; asc. 30 ft. over gentle NE. slope to point for sec. cor.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T36S R16E S17 S16 S20 S21 1958
	Deposit rock mkd. with a cross (X) alongside iron post. Land, gently sloping, broken with washes. Soil, sandy. Timber, moderate juniper and pinion. Undergrowth, sagebrush.
	N. 0° 03' W., bet. secs. 16 and 17.
10.00	Wash, 20 lks. wide, 5 ft. deep, drains NE.
12.20	Wash, 20 lks. wide, 5 ft. deep, drains NE.
32.50	S. rim of White Canyon, bears NW. and SE.; desc. 50 ft. over steep NE. slope.
35.15	Point selected for the witness ¼ sec. cor. of secs. 16 and 17.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T36S R16E S17 S16 W C 1958
	Cont. descent; desc. 100 ft. over nearly vertical NE. slope.
37.00	Wash in bottom of White Canyon, bears NW. and SE.; asc. 170 ft. over nearly vertical SW. slope to NE. rim of White Canyon.
40.00	True point for the ¼ sec. cor. of secs. 16 and 17 falls on an inaccessible place, where monument cannot be perpetuated.
43.00	NE. rim of White Canyon, bears N. 20° W. and S. 20° E.; thence along steep broken W. slope.
55.00	Slope changes; desc. 80 ft. over steep NW. slope.
60.00	Wash, drains SW.; asc. 120 ft. over steep SE. slope to point for sec. cor.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.

Portion of the Subdivision of T. 36 S., R. 16 E.

Chains

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

T36S R16E  
 S8|S9  
 S17|S16  
 1958

Deposit rock mkd. with a cross (X) alongside iron post.

Land, S. ¼ nearly level, N. ¼ steep and broken.

Soil, sandy.

Timber, scattered juniper.

Undergrowth, moderate sagebrush.

From the cor. of secs. 9, 10, 15 and 16.

N. 89° 50' W., bet. secs. 9 and 16.

Over nearly level land, through scattered timber.

11.50 Wash, 1 ch. wide, 4 ft. deep, drains SW.

39.98 Point for the ¼ sec. cor. of secs. 9 and 16.

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

T36S R16E  
 ¼ S 9  
 S16  
 1958

Deposit charcoal at base of iron post.

73.60 Wash, 1 ch. wide, 4 ft. deep, drains SW.

79.96 The cor. of secs. 8, 9, 16 and 17.

Land, nearly level, general SW. drainage.

Soil, sandy.

Timber, scattered juniper.

Undergrowth, moderate black brush.

GENERAL DESCRIPTION

The land within T. 36 S., R. 16 E. consists mainly of broken mesas interspersed with deep eroded washes. All drainage is toward White Canyon, which runs through the township in an ESE. direction, entering near the cor. of secs. 6 and 7 and leaving near the cor. of secs. 24 and 25.

The soil is principally light shallow sand with numerous sandstone outcrops covered with an undergrowth of black brush, Brigham tea and cacti. A growth of juniper and pinion is found throughout a major part of the surveyed work.

State Highway No. 95 parallels the wash in the bottom of White Canyon, and the community of Fry Canyon is located adjacent to this highway, near the NE. portion of sec. 28.

There is a landing strip for aircraft located near Fry Canyon. Water noted in the township was from Fry Spring, which is located also near Fry Canyon. Considerable activity in relation to uranium mining is taking place in this township and also prospecting for oil. Seasonal grazing of cattle also occurs.

Chains

Chain

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CERTIFICATE OF CADASTRAL ENGINEER

I, Leslie H. Godwin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1959

I have surveyed a portion of the subdivision of Township 36 South, Range 16 East

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

February 13, 1959

Salt Lake City, Utah

*Leslie H. Godwin*

Leslie H. Godwin, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., APR 13 1960, 1960

The foregoing field notes of the survey of a portion of the subdivision of Township 36 South, Range 16 East, Salt Lake Meridian, Utah

executed by Leslie H. Godwin, Cadastral Surveyor

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

*Donald B. Clume*

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, is a true copy of the original field notes.~~

~~Cadastral Engineering Staff Officer.~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

A PORTION OF THE SOUTH BOUNDARY,

THE NORTH AND EAST BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 37 SOUTH, RANGE 8 EAST

Of the Salt Lake Meridian,

In the State of Utah

### EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Fred R. Chappell - Cadastral Surveyor

Craig P. Sylvester - Cartographic Survey Aid

Alburn D. Griffin - Cartographic Survey Aid

Dell Cazier - Cadastral Surveyor

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 24, 1957

Survey commenced September 19, 1957

Survey completed October 25, 1957

# INDEX DIAGRAM

Township 37 South, Range 8 East

15 6	14 5	13 4	12 21 3	11 21 2	10 23 1 9
7	8	9	20 10	22 11	12 8
18	17	24 16 25	19 15	14	13 7
19	20	21 23	18 22	22	24 6
30	29	28	17 27	26	25 5
31	28 27 32	26 33 1	16 34 2	35 3	15 14 36 5 4

Fred R. Chappell \_\_\_\_\_  
 Craig P. Sylvester \_\_\_\_\_  
 Alburn D. Griffin \_\_\_\_\_  
 Dell Cazier \_\_\_\_\_

## Township 37 South, Range 8 East

Chains

The west boundary of T. 37 S., R. 8 E. was surveyed by Woodrow H. Sylvester in 1956. A portion of the south boundary was surveyed by Robert C. Yundt in 1923. The following field notes are those of a survey of a portion of the south boundary, the east boundary, the north boundary and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered State school land, and to facilitate the development of the natural resources. The corners along the latitudinal lines were established at the true latitudinal curve and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with W. and L. E. Gurley transits, serial Nos. 541327, 541326, 541321 and 541325, all being the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The horizontal plate has two double verniers placed opposite to each other and the vertical circle has one double vernier. The horizontal verniers of the transits are graduated to 30 minutes of arc. All other verniers of the transits and solar attachments are graduated to single minutes of arc. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the survey.

The geographic position of the southeast corner of the township, determined through section line ties made to U. S. Geological Survey triangulation station No. "P. P. 9-96B" in T. 36 S., R. 10 E. is as follows: Latitude  $37^{\circ} 32' 25.5''$  N. and Longitude  $110^{\circ} 58' 21.9''$  W. The mean magnetic declination was found to be  $15^{\circ}$  E.

The direction of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun and by the solar transit method.

The measurements were made with steel ribbon tapes, 8 chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of 10 links. They were tested by comparison with a Lufkin standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

## Portion of South Boundary of T. 37 S., R. 8 E.

The witness cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, a sandstone, 22x14x6 ins., set in a mound of stone and mkd. with 2 notches on the W. edge and 4 grooves and W.C. on the E. face.

At the same point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R8E  
S32 | S33 W  
S 5 | S 4 C  
T38S  
1957

Deposit original stone alongside the iron post.

Portion of the S. 1/4 Sec. 33, T. 37 S., R. 8 E.

Chains		aligned						
	<p>From the above witness cor., the true point for the cor. of secs. 4, 5, 32 and 33 bears E., 3.04 chs. dist.</p> <p>Thence</p> <p>N. 89° 45' E., bet. secs. 4 and 33, counting from the true point.</p> <p>Over exposed sandstone ribs and crevices; desc. 640 ft. over a general E. slope.</p>							
17.30	Bottom of canyon, drains SW.; asc. 150 ft. over a W. slope.							
22.00	Spur ridge, projects S.; desc. 150 ft. over an E. slope.							
27.00	Canyon wash, drains SE. from NE.; asc. 480 ft. over W. slope to 1/4 sec. cor.							
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33 falls on the steep slope of a ledge, where the cor. cannot be perpetuated; asc. 120 ft. over a W. slope.							
45.30	Point selected for the witness 1/4 sec. cor. of secs. 4 and 33, falls on spur projecting N. and NW.							
	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T37S R8E</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>1/4</td> <td>S33</td> <td>W</td> </tr> <tr> <td></td> <td>S 4</td> <td>C</td> </tr> </table> <p style="text-align: center;">T38S 1957</p>	1/4	S33	W		S 4	C	
1/4	S33	W						
	S 4	C						
	Desc. 240 ft. over NE. slope.							
53.00	Thence over small spurs, projecting NW.							
65.00	Draw, drains NW. from SE.							
67.00	Same draw, drains SW. from NE.; asc. 240 ft. over a W. slope.							
80.00	Point for the cor. of secs. 3, 4, 33 and 34.							
	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3 1/2 ft. base to cap, with brass cap mkd.</p> <p style="text-align: center;">T37S R8E</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>S33</td> <td>S34</td> </tr> <tr> <td>S 4</td> <td>S 3</td> </tr> </table> <p style="text-align: center;">T38S 1957</p>	S33	S34	S 4	S 3			
S33	S34							
S 4	S 3							
	<p>Land, badly broken desert:</p> <p>Soil, eroded and exposed sandstone, with sandy clay.</p> <p>Timber, widely scattered juniper and pinion.</p> <p>Undergrowth, scant mountain rush and yellow brush.</p>							
	<p>N. 89° 45' E., bet. secs. 3 and 34.</p> <p>Over badly broken desert land, through widely scattered timber and scant undergrowth; asc. 60 ft. over a W. slope.</p>							
7.70	Spur, projects S.; desc. 280 ft. over an E. slope.							

## Portion of the S. Bdy., T. 37 S., R. 8 E.

Chains

- 25.00 Sandstone draw, drains SW.; asc. 200 ft. over a W. slope.
- 35.10 Spur, projects S.; desc. 80 ft. over an E. slope.
- 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 34.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T37S R8E

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

T38S

1957

Desc. 140 ft. over a SE. slope.

- 44.50 Draw, drains SE.
- 48.00 Draw, drains SW.; asc, 100 ft. over a NW. slope.
- 55.30 Spur, projects SW.; desc. 90 ft. over a SE. slope.
- 67.30 Deep draw, drains SW.; asc. 90 ft. over a NW. slope.
- 80.00 Point for the cor. of secs. 2, 3, 34 and 35 falls on a steep W. slope of sandstone slickrock, where the cor. cannot be perpetuated.

Land, badly broken desert.

Soil, exposed broken and eroded sandstone, with some sandy clay.

Timber, widely scattered juniper and pinion.

Undergrowth, scant black brush, grass and weeds.

N.  $89^{\circ} 45'$  E., bet. secs. 2 and 35.

Over a series of broken sandstone spurs and crevices, through widely scattered timber and scant undergrowth.

- 0.20 Point selected for the witness cor. of secs. 2, 3, 34 and 35.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T37S R8E

W  $\frac{S34}{S3}$  |  $\frac{S35}{S2}$ 

C S 3 | S 2

T38S

1957

Asc. 600 ft. over an abrupt W. slope.

- 25.00 Steep vertical ledge, 160 ft. high; asc. 160 ft. over SW. slope to top of sandstone knob.
- 32.20 Sandstone knob; desc. 260 ft. over an E. sandstone slope.
- 38.60 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 2 and 35.
- Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

Portion of the S. Edy. T. 37 S., R. 8 E.

Chains

00.00

T37S R8E  
 S35 W  
 S 2 C  
 T38S  
 1957.

00.00  
01.20  
02.00

40.00 True point for the 1/4 sec. cor. of secs. 2 and 35 falls on a nearly vertical slope of canyon where the cor. cannot be perpetuated.  
 Desc. 400 ft. over a badly broken SE. slope.

65.00 Bottom of canyon, drains SW.; asc. 280 ft. over a badly broken NW. slope.

80.00 Point for the cor. of secs. 1, 2, 35 and 36.  
 Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T37S R8E  
 S35 S36  
 S 2 S 1  
 T38S  
 1957.

Land, badly broken desert.  
 Soil, broken and eroded sandstone, with sandy clay.  
 Timber, widely scattered juniper and pinion.  
 Undergrowth, scant black brush, bitter brush, mountain rush, grass and weeds.

N. 89° 45' E., bet. secs. 1 and 36.

Over badly broken desert land, through widely scattered timber and scant undergrowth; asc. 400 ft. over a series of nearly vertical ledges and sandstone slickrock facing to the NW.

22.00 Saddle on ridge, bearing S. and NW. at this point; desc. 600 ft. over a series of ledges and sandstone slickrock sloping to the E. and SE.

36.50 Point selected for the witness 1/4 sec. cor. of secs. 1 and 36.  
 Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R8E  
 1/4 S36 W  
 S 1 C  
 T38S  
 1957.

40.00 True point for the 1/4 sec. cor. of secs. 1 and 36 falls in bottom of narrow canyon where the cor. cannot be perpetuated.  
 Asc. 400 ft. over a series of ledges and sandstone slickrock, facing NW.

58.00 Sandstone spur, projects SW.; desc. 450 ft. over a broken SE. slope.

80.00 Point for the cor. of T's 37 and 38 S., R's 8 and 9 E.  
 Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

Portion of the S. Bdy., T. 37 S., R. 8 E.

Chains

T378  
R8E R9E  
S36|S31  
S 1|S 6  
T388  
1957

Land, badly broken desert.  
Soil, eroded and exposed sandstone, with sandy clay.  
Timber, widely scattered juniper and pinion.  
Undergrowth, scant black brush, bitter brush, mountain rush, grass and weeds.

East Boundary of T. 37 S., R. 8 E.

From the cor. of Ts. 37 and 38 S., Rs. 8 and 9 E.

North, bet. secs. 31 and 36.

Over broken land, through sparse growth of dwarf juniper and pinion.  
Asc. 200 ft. over steep SE. slope.

15.00 Spur, slopes N. 45° E.; desc. 90 ft. over steep NW. sloping slickrock.

27.00 Draw, drains S. 45° W.; asc. 200 ft. over steep S. sloping slickrock.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T378  
R8E R9E  
1/4  
S36|S31  
1957

Asc. 240 ft. over S, sloping slickrock.

51.90 Spur, slopes SW.; by triangulation desc. 600 ft. over nearly vertical NW. facing ledges. Distances to topography are approx. as scaled from U.S.G.S. topographic sheets.

70.50 Wash, 30 lks. wide, 2 ft. deep, drains S. 45° W.; asc. 160 ft. over steep S. sloping slickrock.

80.00 True point for the cor. of secs. 25, 30, 31 and 36 falls on ledge where it is impractical to set the monument.

Land, broken.  
Soil, sandy silt.  
Timber, none.  
Undergrowth, Brigham tea, bitter brush and yellow brush.

North, bet. secs. 25 and 30.

Over broken canyon land.

Asc. 30 ft. over ledge.

2.15 Point selected for the witness cor. of secs. 25, 30, 31 and 36.

Chains

ANIMAL

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
S25|S30  
S36|S31  
W C  
1957

Note: corner is on SW. point of spur, sloping SW.

Desc. 80 ft. over NW. slope.

12.50 Draw near head, drains S. 45° W.; asc. 400 ft. over steep SE. slope.

33.60 Spur, slopes SW.

Point selected for the witness ¼ sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
W C  
¼  
S25|S30  
1957

Desc. 200 ft. over steep NW. sloping slickrock.

40.00 Wash, 20 lks. wide, 2 ft. deep, drains S. 45° W.

True point for the ¼ sec. cor. of secs. 25 and 30 falls in wash where the monument cannot be perpetuated.

Asc. 400 ft. over steep S. sloping slickrock.

51.80 Narrow saddle of ridge, ridge bears N. 45° E. and S. 45° W.; desc. 600 ft. over nearly vertical N. facing ledges.

64.00 Wash, 30 lks. wide, 2 ft. deep, drains SW. to W.; asc. 320 ft. over steep S. to SE. sloping slickrock.

80.00 True point for the cor. of secs. 19, 24, 25 and 30 falls on steep SE. sloping slickrock, where it is impractical to set the monument.

Land, broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, sparsely scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, Brigham tea, bitter brush and silverleaf.

North, bet. secs. 19 and 24.

Over broken land, through scattered juniper and pinion.

Asc. 160 ft. over steep SE. sloping slickrock.

9.50 Spur, sloping S. to SW.

Point selected for the witness cor. of secs. 19, 24, 25 and 30.

East Boundary of T. 37 S., R. 8 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
S24|S19  
S25|S30  
W C  
1957

Continue along W. side of spur, sloping S.

26.75 End of triangulation on W. side of spur, sloping S.

40.00 Point for the ¼ sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
¼  
S24|S19  
1957

48.50 Draw near head, drains S. 45° W.; asc. 240 ft. over steep SE. sloping slickrock.

65.50 Spur, sloping SW.; desc. 240 ft. over steep NW. sloping slickrock.

73.00 Draw, drains W.; asc. 100 ft. over a S. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid, exposed sandstone bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
S13|S18  
S24|S19  
1957

Land, broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered dwarf juniper and pinion.  
Undergrowth, black brush, Brigham tea, bitter brush, service berry, locoweed, silverleaf and grama grass.

North, bet. secs. 13 and 18.

Over broken land, through scattered juniper and pinion.

Desc. 40 ft. over NW. slope.

5.65 Draw, drains SW.; asc. 80 ft. over SE. slope.

10.50 Natural Bridge, bears W., 7.00 chs., 20 lks. wide, 70 lks. long.

Continue to asc. 180 ft. over SE. slope.

25.50 Top of ascent on sandstone knob; desc. 40 ft. over N. slope.

40.00 Point for the ¼ sec. cor. of secs. 13 and 18.

East Boundary of T. 37 S., R. 8 E.

Chains

serial

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid, exposed bedrock sandstone, and supported in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
\*  
S13 | S18  
1957

Desc. 25 ft. over N. slope.

43.10

S. rim of East Moody Canyon, bears N. 35° W. and S. 35° E.

By triangulation desc. 960 ft. over nearly vertical N. facing ledges.

62.20

Wash, 30 lks. wide, 2 ft. deep, drains N. 45° W. into East Moody Canyon; asc. 240 ft. over nearly vertical SW. sloping slickrock.

79.90

Point selected for the witness cor. of secs. 7, 12, 13 and 18.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
W C  
S12 | S 7  
S13 | S18  
1957

80.00

Spur, slopes SW.

True point for the cor. of secs. 7, 12, 13 and 18 falls on W. slope of large sandstone boulder, 6 ft. diam., where it is impractical to set the monument.

Land, broken canyon.

Soil, sandy silt, with exposed sandstone.

Timber, thinly scattered dwarf juniper and pinion.

Undergrowth, scattered black brush, mountain rush, silverleaf, loco-weed and grama grass.

North, bet. secs. 7 and 12.

Over nearly vertical and steep sloping slickrock.

Desc. 240 ft. over steep NW. sloping slickrock.

33.00

Wash, 40 lks. wide, 3 ft. deep, drains S. 45° W. in the bottom of East Moody Canyon; asc. 120 ft. over steep SE. sloping slickrock.

40.00

True point for the 1/2 sec. cor. of secs. 7 and 12 falls on steep SE. sloping slickrock, where it is impractical to set the monument; continue to asc. 240 ft. over SE. sloping slickrock.

49.55

Point selected for the witness 1/2 sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
\*  
S12 | S 7  
W C  
1957

East Boundary of T. 37 S., R. 8 E.

Chains

Continue to asc. 720 ft. over steep SE. sloping slickrock.

78.40

N. rim of East Moody Canyon, bears S. 45° W. and N. 45° E.; by chaining along top of spur, sloping S.

80.00

Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
S 1 | S 6  
S12 | S 7  
1957

Land, broken.

Soil, sandy silt, with exposed sandstone.

Timber, scattered dwarf juniper and pinion.

Undergrowth, black brush, silverleaf, bitter brush, mountain rush and cacti.

North, bet. secs. 1 and 6.

Over broken canyon land, through scattered juniper and pinion.

Asc. 240 ft. over steep SE. sloping slickrock on E. side of spur, sloping S.

30.00

Spur, slopes S. 45° W.; desc. 80 ft. over steep NW. sloping slickrock.

40.00

Point for the ¼ sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S  
R8E R9E  
¼  
S 1 | S 6  
1957

Continue to desc. 170 ft. over NW. slope.

54.00

Wash, 20 lks. wide, 2 ft. deep, drains S. 45° W.; asc. 160 ft. over steep SE. sloping slickrock.

80.00

Point for the cor. of Ts. 36 and 37 S., Rs. 8 and 9 E.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone bedrock, and supported in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S  
R8E R9E  
S36 | S31  
S 1 | S 6  
T37S  
1957

Land, broken.

Soil, sandy silt, with exposed sandstone.

Timber, scattered dwarf juniper and pinion.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

North Boundary of T<sub>36</sub> S., R. 8 E.

Chains

04.01

From the cor. of Ts. 36 and 37 S., Rs. 8 and 9 E., by an iron post, 2½ ins. diam., previously described.

S. 89° 51' W., bet. secs. 1 and 36.

Over broken mesa top, through scattered juniper and pinion.

Asc. 65 ft. over E. slope.

7.10 Spur, sloping S. 40° E.; desc. 75 ft. over W. sloping slickrock.

16.95 Wash, near head, drains S.; asc. 140 ft. over E. sloping slickrock.

29.10 Sandstone ridge, bears N. 45° E. and S. 45° W.; desc. 25 ft. along NW. sloping slickrock.

35.30 Ledge, 15 ft. high, bears N. and S.; desc. 65 ft. over W. slope.

40.00 Point for the ¼ sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R8E.

¼ S36  
S 1  
T37S  
1957

Continue to desc. 160 ft. over broken W. slope of mesa.

59.50 W. rim of mesa; by triangulation desc. 400 ft. over nearly vertical NW. facing ledge.

67.00 Base of ledge, bears N. 45° E. and S. 45° W.; continue to desc. 200 ft. over steep, boulder strewn NW. sloping talus.

80.00 Point for the cor. of secs. 1, 2, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R8E.

S35 S36  
S 2 | S 1  
T37S  
1957

Land, broken mesa top.

Soil, boulder strewn sandy silt.

Timber, scattered juniper and pinion.

Undergrowth, scattered black brush, bitter brush and mountain rush.

S. 89° 51' W., bet. secs. 2 and 35.

Over broken land, through scattered juniper and pinion.

Desc. 60 ft. along broken NW. slope.

4.50 End of triangulation; asc. 180 ft. along steep NE. slope.

12.40 Thence along boulder strewn N. slope.

40.00 Point for the ¼ sec. cor. of secs. 2 and 35.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base to top, with brass cap mkd.

T36S R8E  
 S35  
 S 2  
 T37S  
 1957

Desc. 145 ft. along boulder strewn N. slope.

69.50 Slope changes to NW.; continue to desc. 90 ft.

80.00 Point for the cor. of secs. 2, 3, 34 and 35.

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

T36S R8E  
 S34 | S35  
 S 3 | S 2  
 T37S  
 1957

Land, broken.  
 Soil, boulder strewn sandy silt.  
 Timber, scattered juniper and pinion.  
 Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

S. 89° 51' W., bet. secs. 3 and 34.

Over broken land, through scattered juniper and pinion.

Desc. 110 ft. along broken W. slope.

10.30 Wash, 20 lks. wide, 1 ft. deep, drains NW.; asc. 30 ft. over NE. slope.

16.20 Low spur, projects N. 45° W., 10 chs. to end; desc. 125 ft. along W. slope.

34.80 Wash, 20 lks. wide, 1 ft. deep, drains N. 45° W.

40.00 Point for the ¼ sec. cor. of secs. 3 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R8E  
 ¼ S34  
 S 3  
 T37S  
 1957

Desc. 15 ft. over W. slope.

49.30 E. wall of Middle Moody Canyon, bears N. 45° E. and S. 45° W.; desc. 100 ft. over nearly vertical wall.

50.50 Wash, 30 lks. wide, 4 ft. deep, drains S. 45° W.; asc. 100 ft. over nearly vertical wall.

North Boundary of T. 37 S., R. 8 E.

UNADJ

Chains

53.80 W. wall of Middle Moody Canyon, bears N. 45° E. and S. 45° W., thence over nearly level bench.

62.40 Base of slope; asc. 95 ft. over steep broken SE. slope.

80.00 Point for the cor. of secs. 3, 4, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R8E  
 S33 | S34  
 S 4 | S 3  
 T37S  
 1957

Land, steep, broken slopes.  
 Soil, sandy silt, with exposed sandstone.  
 Timber, scattered juniper and pinion.  
 Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

S. 89° 51' W., bet. secs. 4 and 33.

Over broken land, through scattered juniper and pinion.

Asc. 200 ft. along broken SE. slope.

29.00 Saddle of spur, projects SW.; desc. 40 ft. to wash.

30.50 Wash, drains SW. from N.; asc. 180 ft. over steep SE. slope.

40.00 Point for the ¼ sec. cor. of secs. 4 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T36S R8E  
 ¼ S33  
 S 4  
 T37S  
 1957

43.00 S. point of high mesa, vertical wall, 200 ft. high, bears N. 70° E. and N. 45° W.; by triangulation desc. 210 ft.

54.00 Draw near head, drains S.; asc. 200 ft. over nearly vertical SE. facing ledge.

68.00 Mesa rim, bears NE. and SW.

71.40 Top of ascent on sandstone spur, projecting SW.; desc. 70 ft. over broken W. facing ledges.

75.85 Point selected for the witness cor. of secs. 4, 5, 32 and 33.

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

T36S R8E  
 W S32 | S33  
 C S 5 | S 4  
 T36S  
 1957

North Boundary of T. 37 S., R. 8 E.

Chains	
77.00	Canyon rim, bears N. 40° E. and S. 40° W.; desc. 200 ft. over nearly vertical NW. facing ledge.
80.00	<p>True point for the cor. of secs. 4, 5, 32 and 33 falls on face of nearly vertical NW. facing ledge, where it is impractical to set the monument.</p> <p>Land, broken with many vertical ledges.          Soil, sandy silt, with exposed sandstone.          Timber, scattered juniper and pinion.          Undergrowth, scattered black brush, mountain rush and cacti.</p>
	S. 89° 51' W., bet. secs. 5 and 32.
	Over broken canyon land, through scattered juniper and pinion.
	Desc. 200 ft. over steep NW. sloping slickrock.
7.00	Ravine, drains SW.; asc. 280 ft. over steep SE. slope and cliff.
17.00	Rim, bears NE. and SW., thence over mesa top.
25.00	Same rim, bears NW. and SE.; desc. 280 ft. over steep SW. slope.
30.50	Ravine, near head, drains S.; asc. 200 ft. over steep SE. slope.
37.50	Top of ledge, 100 ft. high, forming mesa rim, bears NE. and SW., thence over broken mesa top.
40.00	<p>Point for the ¼ sec. cor. of secs. 5 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed bedrock, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T36S R8E          ¼ <math>\frac{S32}{S 5}</math>          T37S          1957</p>
	Asc. 40 ft. along broken SE. slope.
42.00	Spur, projects SE., approx. 2 chs., thence SW.; desc. 80 ft. over broken SW. slope.
44.00	Asc. 240 ft. over SE. slope.
55.00	Wide spur, projecting SE.; desc. over SW. to S. slope.
65.00	Spur, projecting SW.; desc. 120 ft. over a NW. slope.
73.65	<p>Point selected for the witness cor. of secs. 5, 6, 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T36S R8E          W <math>\frac{S31}{S 6}</math>   <math>\frac{S32}{S 5}</math>          C <math>\frac{S 6}{S 5}</math>          T37S          1957</p>
74.00	Canyon rim, bears N. 45° E. and S. 45° W.; desc. 80 ft. over nearly vertical ledges.
76.00	Wash, 20 lks. wide, 2 ft. deep, drains S. 45° W.; asc. 120 ft. over steep and nearly vertical SE. facing slickrock.

North Boundary of T. 37 S., R. 8 E.

Chains  
80.00

True point for the cor. of secs. 5, 6, 31 and 32 falls on steep SE, sloping slickrock, where it is impractical to set the monument.

Land, broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

S. 89° 51' W., bet. secs. 6 and 31.

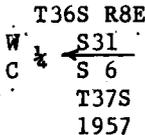
Over broken land, through scattered juniper and pinion.

Asc. 200 ft. along steep broken SE. slope.

25.30 Sandstone spur, bears N. 45° E. and S. 45° W.; desc. 120 ft. along SW. slope.

39.37 Point selected for the witness ¼ sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone, and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.



39.60 W. rim of mesa, bears N. 30° E. and S. 40° W.; desc. 200 ft. over nearly vertical NW. facing ledge.

40.00 True point for the ¼ sec. cor. of secs. 6 and 31 falls on face of nearly vertical NW. facing ledge, where it is impractical to set the monument.

42.00 Base of ledge; thence desc. 360 ft. over steep broken W. slope.

73.00 Thence over nearly level bottom of Moody Creek.

76.80 The cor. of Ts. 36 and 37 S., Rs. 7 and 8 E., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.

Land, broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

Portion of the Subdivision, T. 37 S., R. 8 E.

Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, mkd. by an iron post, 2½ ins. diam., previously described.

N. 0° 01' W., bet. secs. 35 and 36.

Over badly broken desert land, through widely scattered timber and scant undergrowth; thence by triangulation across a deep draw, with topography approx. as taken from a geological survey map.

Desc. 160 ft. over a steep NW. sandstone slope.

14.00 Bottom of draw, drains SW.; asc. 400 ft. over a ledgy SE. slope.

29.20 Point for the witness ¼ sec. cor. of secs. 35 and 36.

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

On a high sandstone hogback bearing SW. and NE.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R8E  
S35|S36  
W C  
1957

Continue by triangulation; desc. 320 ft. over ledges and sandstone slickrock sloping NW.

40.00

True point for the ¼ sec. cor. of secs. 35 and 36 falls on a steep NW. slope of sandstone slickrock where the corner cannot be perpetuated.

Desc. 120 ft. over sandstone slickrock.

49.00

Deep narrow draw, drains SW.; asc. 590 ft. over steep sandstone slickrock.

72.00

High sandstone spur, projects SW., thence by chaining desc. 50 ft. over sandstone slickrock.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R8E  
S26|S25  
S35|S36  
1957

Land, badly broken desert.  
Soil, broken and eroded sandstone with a small amount of sand.  
Timber, widely scattered juniper and pinion.  
Undergrowth, very scant bitter brush and cacti.

Beginning at the true point for the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.

S. 89° 41' W., bet. secs. 25 and 36.

Over badly broken desert land, through widely scattered timber and scant undergrowth, thence by triangulation, with topography approx. as taken from a geological survey map.

Asc. 80 ft. over sandstone slickrock sloping to the SE.

2.00

Sandstone spur, projects SW.; desc. 100 ft. over a W. slope.

6.50

Sandstone draw, drains S.; asc. 200 ft. over an E. sandstone slope.

14.00

Sandstone spur, projects S. 05° W.; desc. 260 ft. over a W. slope.

20.00

Sandstone draw, drains S.; asc. 580 ft. over a broken sandstone E. slope.

39.70

Point for the witness ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, and in a mound of stone, with brass cap mkd.

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

T37S R8E  
1/4 ← S25  
S36  
W C  
1957

- 40.05 True point for the 1/4 sec. cor. of secs. 25 and 36 falls on the steep E. slope of a sandstone knob where the corner cannot be perpetuated.
- 42.00 Ridge, bears NE. and SW.
- 43.90 Rim of canyon, bears NE. and SW.; desc. 480 ft. over a broken NW. slope.
- 54.00 Wash, drains SW.; asc. 120 ft. over SE. slope.
- 59.50 Spur, projects SW.; desc. 160 ft. over NW. slope.
- 65.00 Bottom of canyon, drains S. 20° W.; asc. 400 ft. over a broken ledgy E. slope.
- 73.00 W. rim of canyon, bears NE. and SW.; desc. 50 ft. over sandstone slickrock.
- 80.10 The cor. of secs. 25, 26, 35 and 36.

Land, badly broken desert,  
Soil, broken and eroded sandstone, with sand in the pockets.  
Timber, widely scattered juniper and piñon.  
Undergrowth, scant bitter brush, sagebrush and cacti.

Beginning at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township.

N. 0° 02' W., bet. secs. 33 and 34.

Over badly broken desert land, through scattered timber and scant undergrowth.

- 4.00 Wash, drains SW.; asc. 180 ft. over a broken S. slope.
- 16.00 Top of high sandstone knob; desc. 200 ft. over a N. changing to a NW. slope.
- 31.00 Draw, drains W.; asc. 70 ft. over a SW. slope.
- 40.00 Point for the 1/4 sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R8E  
1/4  
S33|S34  
1957

Deposit a sandstone, 4x4x3 ins., mkd. with a cross (X) at the base of the post.

Thence by triangulation across a deep canyon, with topography approx. as taken from a geological survey map.

Desc. 180 ft. over a NW. slope.

- 48.50 Draw, drains N. 10° W.; asc. 50 ft. along a SW. slope.

Section of the Subdivision, T. 37 S., R. 8 E.

<p>Chains 55.00</p>	<p>Spur, projects N. 20° W.; desc. 220 ft. over a N. slope.</p>
<p>62.00</p>	<p>Sandstone draw, drains N. 10° W. into deep canyon, thence along a broken N. sandstone slope.</p>
<p>66.00</p>	<p>Bottom of canyon, drains S. 0° 05' W., from NE.; asc. 120 ft. over SE. slope.</p>
<p>80.00</p>	<p>Point for the cor. of secs. 27, 28, 33 and 34 falls on a steep SE. slope of sandstone slickrock, where the corner cannot be perpetuated.  Land, badly broken desert. Soil, broken and eroded sandstone, with a lesser amount of sandy clay. Timber, scattered juniper and pinion. Undergrowth, scant black brush, wild apple, grass and weeds.</p>
	<p>N. 0° 02' W., bet. secs. 27 and 28.  Over badly broken desert land, through scattered timber and scant undergrowth.</p> <p>8.70 Point for the witness cor. of secs. 27, 28, 33 and 34.  Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T37S R8E S28 S27 S33 S34 W.C 1957</p> <p>Thence by triangulation, with topography approx. as taken from a geological survey map.  Asc. 520 ft. over a S. sandstone slope.</p> <p>30.20 Spur ridge, bears SW. and NE.; desc. 165 ft. over a broken NW. sandstone slope.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 27 and 28 falls on a steep NW. sandstone slope where the corner cannot be perpetuated.</p> <p>40.55 Point for the witness ¼ sec. cor. of secs. 27 and 28.  Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T37S R8E ¼ S28 S27 W.C 1957</p> <p>Deposit a sandstone, 4x4x2 ins., mkd, with a cross (X) at the base of the post.  Thence by triangulation, with topography approx. as taken from a geological survey map; desc. 160 ft. over a NW. sandstone slope.</p> <p>45.00 Canyon, drains SW.; asc. 160 ft. over a S. sandstone slope.</p> <p>50.00 Slope, changes to W.</p> <p>71.50 Draw, drains SW. into canyon; asc. 100 ft. over a SE. to E. slope.</p>

Portion of the Subdivision, T. 37 S., R. 8 E.

Chase  
80.00

Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mhd.

T37S R8E  
S21/S22  
S28/S27  
1957

Land, badly broken desert.  
Soil, broken and eroded sandstone, with a small amount of sandy clay.  
Timber, scattered juniper and piñon.  
Undergrowth, scant black brush, bitter brush and grass.

N. 0' 02' W., bet. secs. 21 and 22.

Over broken desert land, through scattered timber and scant undergrowth; desc. 80 ft. over a NE. sandstone slope.

5.00 Draw, drains SE.; asc. 350 ft. along a SW. slope of spur projecting S.

10.00 Slope, changes to E. side of spur, slopes SE.

40.00 Point for the 1/4 sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mhd.

T37S R8E  
S21/S22  
1957

Deposit a sandstone, 5x3 ins., mhd. with a cross (X) at the base of the post.

Asc. 160 ft. over a broken SE. slope.

15.00 Sandstone knob; desc. 200 ft. over a N. slope.

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mhd.

T37S R8E  
S16/S15  
S21/S22  
1957

Deposit a sandstone, 4x3 ins., mhd. with a cross (X) at the base of the post.

Land, broken desert.  
Soil, sandy loam, with broken and eroded sandstone.  
Timber, scattered juniper and piñon.  
Undergrowth, scant black brush, yellow brush, mountain bush, grass and weeds the first 10.00 chs., medium dense the balance.

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains	
593 (X)	<p>N. 90° 02' W., bet. secs. 15 and 16.</p> <p>Over badly broken desert land, through widely scattered timber and scant undergrowth.</p> <p>Thence, by triangulation across East Moody Canyon, with topography approx. as taken from a Geological survey map.</p> <p>Desc. 200 ft. over a broken N. slope.</p>
13.00	Draw, near head, drains W.; asc. 80 ft. over a broken SW. slope.
19.00	S. rim of East Moody Canyon; desc. 520 ft. over a broken N. slope.
30.00	Bottom of East Moody Canyon, drains W.; asc. 160 ft. over a S. slope.
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 15 and 16 falls on an inaccessible S. slope of Moody Canyon, where the corner cannot be perpetuated.</p> <p>Asc. 250 ft. over a ledgy S. slope.</p>
44.00	N. rim of East Moody Canyon, bears ENE and WSW.
45.74	<p>Point for the witness <math>\frac{1}{4}</math> sec. cor. of secs. 15 and 16.</p> <p>On a sandstone spur, projecting W.</p>
	<p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p>T37S R8E</p> <p><math>\frac{1}{4}</math></p> <p>S16   S15</p> <p>W C</p> <p>1957</p>
	<p>Thence, by triangulation across a fork of Moody Canyon, with topography approx. as taken from a geological survey map.</p> <p>Asc. 50 ft. over a S. sandstone slope.</p>
47.50	Top of spur.
50.50	S. rim of fork of East Moody Canyon, bears NE. and SW.; desc. 460 ft. over a ledgy NW. slope.
65.00	Bottom of fork of East Moody Canyon, drains SW.; asc. 240 ft. over a broken SE. slope.
80.00	<p>Point for the cor. of secs. 9, 10, 15 and 16 falls on a steep slope of a ledge, where the corner cannot be perpetuated.</p> <p>Land, badly broken desert.</p> <p>Soil, sandy clay, with broken and eroded sandstone.</p> <p>Timber, widely scattered juniper and pinion.</p> <p>Undergrowth, scant black brush, bitter brush, cacti and grass.</p>
	<p>N. 0° 02' W., bet. secs. 9 and 10.</p>
	<p>Over badly broken desert land, through scattered timber and scant undergrowth; asc. 450 ft. over nearly vertical ledges, facing SE.</p>
16.00	N. rim of fork of East Moody Canyon, bears N. and SW.
17.02	Point for the witness cor. of secs. 9, 10, 15 and 16.



Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

40.00

Point for the 1/4 sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R8E

1/4

S 4 | S 3

1957

Deposit a sandstone, 5x3x3 ins., mkd. with a cross (X) at the base of the post.

42.30

Bladed road, bears E. and S. 70° W.; desc. 55 ft. over a N. slope.

43.80

Wash, 4 ft. deep, 50 lks. wide, drains W. in bottom of Middle Moody Canyon; asc. 90 ft. over a S. slope.

52.60

Bladed road, bears N. 80° E. and S. 80° W.

54.80

Bladed road, bears N. 80° E. and S. 40° W.; asc. 80 ft. over a S. slope.

60.00

Small knoll; desc. 40 ft.

64.00

Spur, projects SW.; desc. 35 ft. over a N. slope.

68.00

Draw, drains W. to SW.; asc. 90 ft. over a S. slope.

72.80

Spur, projects E.

78.20

Draw, drains SE.

80.78

The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township, mkd. by an iron post, 2 1/2 ins. diam., previously described.

Land, broken and rolling desert.  
Soil, sandy clay with broken and eroded sandstone.  
Timber, widely scattered juniper and pinion.  
Undergrowth, scant black brush, cacti, grass and weeds.

Beginning at the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township, mkd. by an iron post, 2 1/2 ins. diam., previously described.

S. 0° 01' E., bet. secs. 2 and 3.

Over broken desert land, through widely scattered timber and scant undergrowth; asc. 240 ft. over a broken NW. slope.

17.00

Base of ledges; asc. 400 ft. over a series of nearly vertical ledges.

22.20

S. rim of Middle Moody Canyon, bears irregularly E. and SW.; thence over a series of sandstone ribs and knobs.

40.52

Point for the 1/4 sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R8E

1/4

S 3 | S 2

1957

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

Deposit a sandstone, 3x3x3 ins., mkd. with a cross (X) at the base of the post.

48.50 N. rim of fork of East Moody Canyon, bears NE. and SW.; thence by triangulation desc. 530 ft. over nearly vertical ledges and a broken SE. slope.

80.10 Wash, 2 ft. deep, 50 lks. wide, drains SW.

80.52 Point for the cor. of secs. 2, 3, 10 and 11.

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

T37S R8E

S 3 | S 2

S10 | S11

1957

Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, badly broken desert.

Soil, sandy clay, with broken and eroded sandstone.

Timber, widely scattered juniper and pinion.

Undergrowth, scant black brush, yellow brush, grass and weeds.

N. 89°45' E., bet. secs. 2 and 11.

Over rolling and badly broken desert land, through medium timber and scant undergrowth; asc. 50 ft. over a S. slope.

5.14 Bladed road, bears N. 45° E. and S. 60° W.; asc. 45 ft. over a S. slope.

6.90 Clay spur, projects SW.; desc. 40 ft. over a SE. slope.

8.10 Wash, 2 ft. deep, 40 lks. wide, drains SW. from SE.

16.40 Recross wash, drains SW. from NE.; asc. 110 ft. over a broken NW. slope.

27.40 Top of ascent; desc. 55 ft. along a broken NE. slope.

31.35 Draw, drains NW.; asc. 85 ft. over a broken W. slope.

40.00 Point for the ¼ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R8E

¼ S 2

S11

1957

Deposit a sandstone, 5x3x3 ins., mkd. with a cross (X) at the base of the post.

44.00 Asc. 480 ft. over ledges facing NW.

49.50 Rim of canyon, a sandstone rim bears NE. and SW.; thence asc. 115 ft. over a series of sandstone ribs and knobs.

59.70 Sandstone ridge, bears NE. and SW.; desc. 160 ft. over a broken SE. slope.

Portion of the Subdivision T. 37 S., R. 8 E.

Chains	
79.00	Narrow spur, projects SW.; desc. 40 ft. to draw.
76.00	Draw, drains S. 10° W.; asc. 60 ft. over a W. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12 falls on the steep W. slope of sandstone slickrock, where the corner cannot be perpetuated. At a point 0.3 chs. N. 89° 45' E. of the true point for the cor. of secs. 1, 2, 11 and 12, Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, and in a collar of stone, with brass cap mkd.
	<p>T37S R8E W S 2   S 1 C S11   S12 1957</p>
	Land, broken desert. Soil, sandy clay the first ½ mile, broken and exposed sandstone the balance. Timber, scattered juniper and pinion. Undergrowth, scattered wild apple, black brush, cacti and grass.
	From the true point for the cor. of secs. 1, 2, 11 and 12. N. 0° 06' E., bet. secs. 1 and 2. Over broken desert land, through scattered timber and scant undergrowth; asc. 145 ft. over a SW. slope.
16.70	Spur, projects SW.; desc. 110 ft. along a W. to NW. slope.
33.40	Rim of ledges, bears E. and W.; desc. 400 ft. over a ledgy N. slope.
40.00	Point for the ¼ sec. cor. of secs. 1 and 2. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<p>T37S R8E S 2   S 1 1957</p>
	Desc. 80 ft. over a N. slope.
44.00	Draw, drains W.; asc. 360 ft. over a S. changing to a W. slope.
72.50	E. side of saddle, bears E. and W.; desc. 150 ft. over NW. slope.
80.35	The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township, mkd. by an iron post, 2½ ins. diam., previously described. Land, badly broken desert land. Soil, sandy clay, with broken and eroded sandstone. Timber, widely scattered juniper and pinion. Undergrowth, scattered black brush, bitter brush, wild apple, cacti and grass.
	Beginning at the cor. of secs. 15, 16, 21 and 22. S. 89° 45' W., bet. secs. 16 and 21, Over rolling and broken desert land, through scattered timber and scant undergrowth; asc. 45 ft. along a N. slope.

Portion of the Subdivision of T. 37 S., R. 8 E.

Chains  
9.70  
19.00  
23.30  
37.00  
40.00

Spur, projects N.; desc. 75 ft. over a NW. slope  
Draw, drains N. 10° E.; asc. 185 ft. over a NE. slope.  
Spur ridge, projects SE.; desc. 125 ft. over a SW. slope.  
Draw, drains SW.  
Point for the ¼ sec. cor. of secs. 16 and 21.

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

T37S R8E  
¼ S16  
S21  
1957

Deposit a sandstone, 4x4x2 ins., mkd. with a cross (K) at the base of the post.

Asc. 30 ft. over an E. slope.

45.00  
53.00  
65.00  
80.00

Spur ridge, projects SW.; thence along a NW. slope.  
Saddle of ridge.  
Spur ridge, projects NW.  
Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R8E  
S17|S16  
S20|S21  
1957

Deposit a sandstone, 5x4x2 ins., mkd. with a cross (X) at the base of the post.

Land, broken and rolling desert.  
Soil, sandy clay, with exposed sandstone.  
Timber, scattered juniper and pinion.  
Undergrowth, scattered patches of mountain rush, black brush and scant grass.

N. 9° 03' W., bet. secs. 16 and 17.

Over badly broken desert land, through scattered timber and scant undergrowth; desc. 15 ft. over a N. slope.

4.20  
24.00  
37.00

S. rim of East Moody Canyon, a rim of sandstone ledges, bears E. and SW.; thence across Moody Canyon by triangulation, with topography approx. as taken from a geological survey map.

Desc. 720 ft. over a series of nearly vertical ledges facing the N.

Bottom of East Moody Canyon, drains S. 70° W.; asc. 400 ft. over a badly broken SE. slope.

N. rim of East Moody Canyon, bears NE. and SW.; thence along an E. slope of broken sandstone.

Partion of the Subdivision, T. 37 S., R. 8 E.

Chains	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17 falls on the steep slope of a sandstone rib, where the cor. cannot be perpetuated.
41.60	Point for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 17. In a pocket betw 2 sandstone ribs, putting to the east.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T37S R8E <math>\frac{1}{4}</math> S17 S16 W.C. 1957</p>
	Deposit a sandstone, 4x4x4 ins., mkd. with a cross (X) at the base of the post.
	Desc. 160 ft. along a series of sandstone ribs and knobs, putting to the E.
56.00	Draw, drains S. $40^{\circ}$ E.; asc. 40 ft. over an E. slope.
63.00	Draw, drains SE.; asc. 150 ft. over a series of sandstone ribs, knobs and crevices, putting to the SW.
79.60	Point selected for the witness cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T37S R8E W C S 8 S 9 S17 S16 1957.</p>
	Deposit a sandstone, 5x3x3 ins., mkd. with a cross (X) at the base of the post.
80.00	True point for the cor. of secs. 8, 9, 16 and 17 falls on the steep N. slope of a sandstone rib, projecting to the W., where the corner cannot be perpetuated.
	<p>Land, badly broken desert. Soil, sandy clay, with the greater portion broken and eroded sandstone. Timber, scattered juniper and pinion. Undergrowth, scant black brush, mountain rush, wild apple and grass.</p>
	Beginning at the true point for the cor. of secs. 9, 10, 15 and 16.
	S. $89^{\circ} 44'$ W., bet. secs. 9 and 16.
	Over badly broken desert land, through scattered timber and scant undergrowth. Distance obtained by triangulation and topography taken from a geological survey quadrangle sheet; asc. 290 ft. over a badly broken SE. slope.
11.00	Rim of canyon, sandstone ledges, 150 ft. high, bear SW. and NE.; thence across a series of sandstone knobs, ribs and crevices.
29.00	E. rim of deep draw; desc. 210 ft. over a broken NW. slope.

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

33.00 Bottom of draw, drains SW.; asc. 160 ft. over a broken SE. slope.

37.50 W. rim of draw, bears NE. and SW.

40.03 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 16 falls on an inaccessible sandstone knob, where the corner cannot be perpetuated.

Continue by triangulation across a series of sandstone ribs, knobs and crevices; desc. 120 ft. over a W. slope of sandstone.

60.50 Draw, drains SW. approx. 2 chs., thence SE.; asc. 120 ft. over a SE. slope.

63.54 Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

W P  
S 9  
S16  
1957

Asc. 65 ft. over an E. slope of sandstone slickrock.

68.70 Sandstone spur, projects S.; desc. 145 ft. over a broken W. slope.

80.06 The cor. of secs. 8, 9, 16 and 17.

Land, badly broken desert.  
Soil, broken and eroded sandstone, with some sandy clay in the draws.  
Timber, widely scattered juniper and pinion.  
Undergrowth, scant wild apple, black brush and grass.

From the true point for the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township.

N.  $0^{\circ} 03'$  W., bet. secs. 32 and 33.

Over badly broken desert land, through widely scattered timber and scant undergrowth; asc. 30 ft. along a SE. slope.

1.50 Top of ascent; desc. 40 ft. along a W. slope.

16.00 Slope changes to NW.; desc. 160 ft.

28.00 Deep draw, drains SW.; asc. 120 ft. over a steep SE. slope.

36.00 Sandstone knoll; desc. 120 ft. over a broken N. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T38S R8E  
 $\frac{1}{4}$   
S32 | S33  
1957

Desc. 120 ft. over a N. slope.

48.00 Gulch, drains W.; asc. 80 ft. over a SW. slope.

59.00 Spur, projects SW.; desc. 130 ft. along a W. slope.

71.60 Draw, drains W.; asc. 40 ft. along a W. slope.

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

78.10

Spur, projects W.; desc. 30 ft. along a NW. slope.

80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T38S R8E

S29 | S28

S32 | S33

1957

Land, badly broken desert.

Soil, broken and eroded sandstone, with sandy clay.

Timber, widely scattered juniper and pinion.

Undergrowth, scant black brush, mountain rush, locoweed and yellow brush.

The cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, a cobblestone, 20x10x10 ins., set in a mound of stone and mkd. with 1 notch on the W. edge and 5 notches on the E. edge.

At the same point

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R8E

S31 | S32

S 6 | S 5

T38S

1957

Deposit the original stone alongside the iron post.

Thence

N. 0° 03' W., bet. secs. 31 and 32.

Over badly broken desert land, through widely scattered timber and scant undergrowth; asc. 90 ft. over a S. slope on spur, projecting S.

21.10

Spur, projects SE.; desc. 30 ft. over a N. slope.

29.00

Wash, 15 lks. wide, 1 ft. deep, drains SE.; asc. 130 ft. over a SW. slope.

37.00

Same wash, drains SW.; asc. 120 ft. over a SE. slope.

40.00

Point for the ¼ sec. cor. of secs. 31 and 32 falls on a steep S. sandstone slope, where the cor. cannot be perpetuated; asc. 30 ft.

42.90

Point selected for the witness ¼ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R8E

S31 | S32

W.C

1957

## Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

45.00

Spur, projects SW.

Desc. 130 ft. over a NW. slope.

74.50

Ravine, drains SW.; asc. 50 ft. over a SE. slope.

80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R8E

S30 | S29

S31 | S32

1957

Land, badly broken desert.

Soil, broken and eroded sandstone, with sandy clay.

Timber, scattered juniper and pinion.

Undergrowth, scant silverleaf, mountain rush, bitter brush, sagebrush and grass.

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

N. 89° 59' W., bet. secs. 29 and 32.

Over broken desert land, through scattered timber and scant undergrowth; desc. 140 ft. over a W. slope.

6.30

Canyon, drains S.; asc. 100 ft. over an E. slope.

9.60

W. rim of canyon, bears N. and S.

11.00

Spur, projects S.

20.00

Spur, projects SE. and SW. from the N.; desc. 160 ft. over a SW. slope.

31.20

Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 170 ft. over a SE. slope.

40.02

Point for the ¼ sec. cor. of secs. 29 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R8E

¼ S29

S32

1957

Asc. 50 ft. over a SE. slope.

43.00

Spur, projects S.; desc. 110 ft. over a W. slope.

51.00

Draw, drains S.; asc. 120 ft. over an E. slope.

59.00

Flat spur, projects N, 4 chs. to saddle on spur ridge, projecting S.; desc. 280 ft. over a NW. slope.

76.00

Bottom of canyon, drains SW.; asc. 50 ft. over a SE. slope.

80.04

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

Portion of the Subdivision, T. 37 S., R. 8 E.

Chains

Land, badly broken desert.  
 Soil, sandy clay, with exposed and eroded sandstone.  
 Timber, widely scattered juniper and pinion.  
 Undergrowth, scant sagebrush, bitter brush, yellow brush, mountain  
 rush and grass.

GENERAL DESCRIPTION

The land in this township is badly broken desert land. The east boundary of the township follows along the west slope of the Water Pocket Fold. The township is cut by numerous steep sided and box canyons. The drainage is all to the west and south into tributaries of the Colorado River. The soil is principally exposed, broken and eroded sandstone, with a heavy sandy clay, mainly in the canyon bottoms. There is a scattered growth of dwarf juniper and pinion in most of the township. The undergrowth is mainly black brush, with lesser amounts of bitter brush, yellow top, mountain rush, service berry, silverleaf, shadscale, cacti, grass and weeds. There are no permanent habitants in the township. A considerable amount of prospecting for fissionable minerals has been and to some extent is still being carried on in the area. A large portion of this township is accessible only by helicopter.

4-599  
(Rev. 1960)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
James R. Munson	Chainman
Parley Pratt	Flagman
Gerald O. Barney	Axeman
La Vern Griffin	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Fred R. Chappell, HEREBY CERTIFY upon honor that  
pursuance of special instructions bearing date of the 13th day of May, 1958

I have surveyed A portion of the subdivision of Township 37 South, Range 8 East

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

April 28, 1958  
Salt Lake City, Utah

*Fred R. Chappell*  
Fred R. Chappell  
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 1958

~~The foregoing field notes of the survey of \_\_\_\_\_  
executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.~~

*Cadastral Engineering Staff Office*

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
is a true copy of the original field notes.

*Cadastral Engineering Staff Office*



**CERTIFICATE OF CADASTRAL ENGINEER**

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that  
pursuance of special instructions bearing date of the 13th day of May, 1958

I have surveyed the north boundary of Township 37 South, Range 8 East  
\_\_\_\_\_

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

April 28, 1958  
Salt Lake City, Utah

*Craig P. Sylvester*  
Craig P. Sylvester - Cartographic S

**CERTIFICATE OF APPROVAL**

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 1958

~~The foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_ executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.~~

*Cadastral Engineering Staff Office*

**CERTIFICATE OF TRANSCRIPT**

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
\_\_\_\_\_, is a true copy of the original field notes.

*Cadastral Engineering Staff Office*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Gary W. Rutledge	Principal Assistant
Ray Nielson	Chainman
James E. Jepson	Flagman
Thomas C. Nichols	Axeman
Darwin Turner	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Alburn D. Griffin, HEREBY CERTIFY upon honor that  
pursuance of special instructions bearing date of the 13th day of May 1958

I have surveyed A portion of the south boundary and a portion of the subdivision  
Township 37 South, Range 8 East

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

April 28, 1958  
Salt Lake City, Utah

*Alburn D. Griffin*  
Alburn D. Griffin - Cartographic S

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 1958

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
*Cadastral Engineering Staff Office*

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
*Cadastral Engineering Staff Office*



CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that  
pursuance of special instructions bearing date of the 13th day of May, 1958

I have surveyed the east boundary of Township 37 South, Range 8 East

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

April 28, 1958

Salt Lake City, Utah

*Dell Cazier*

Dell Cazier - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

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

\_\_\_\_\_  
Cadastral Engineering Staff Office

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Office

## CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1958

I have ~~surveyed~~ supervised the survey of a portion of the south boundary, the east and north boundaries, and a portion of the subdivision of Township 37 South, Range 8 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed ~~by me and my assistants~~ <sup>under my supervision</sup> 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.

April 28, 1958  
Salt Lake City, Utah

  
Vern E. Lane - Cadastral Surveyor

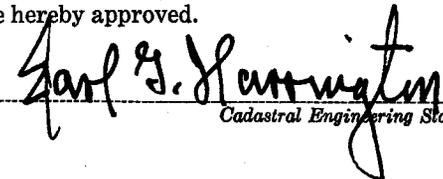
### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 30 1958, 1958

The foregoing field notes of the survey of a portion of the south boundary, the east and north boundaries, and a portion of the subdivision of Township 37 South, Range 8 East Salt Lake Meridian, Utah

executed by Fred R. Chappell, Craig P. Sylvester, Alburn D. Griffin and Dell Cazier under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

  
Carl G. Harrington  
Cadastral Engineering Staff Officer.

### CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_, is a true copy of the original field notes.~~

*Cadastral Engineering Staff Officer.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

# FIELD NOTES

of the Survey of

a Portion of the South Boundary,

the East Boundary, the North Boundary,

and

a Portion of the Subdivision of

Township 37 South, Range 9 East

Of the Salt Lake Meridian,

In the State of Utah

### EXECUTED BY

Vern E. Lane Cadastral Surveyor (Chief of Party)

Dell Cazier Cadastral Surveyor

Albana Delane Griffin Cartographic Survey Aid

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 11, 1957

Survey commenced September 16, 1957

Survey completed October 16, 1957

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\_\_\_\_\_ Alburn E. Griffin  
 \_\_\_\_\_ Dell Cazier  
 \_\_\_\_\_ Elliot Bird and R. C. Yundt - 1923

10-68770-1

Township 37 South, Range 9 East

Chains

The east  $2\frac{1}{2}$  miles of the south boundary were surveyed by Robert C. Yundt in 1923 and its record appears in the official record of the survey of T. 37 S., R. 9 E. The west boundary was concurrently surveyed in 1957 by Dell Cazier under group 401 and its record appears in the field notes of the survey of T. 37 S., R. 8 E.

The following field notes are those of the survey of the west  $3\frac{1}{2}$  miles on the south boundary, the east boundary, the north boundary and a portion of the subdivision of T. 37 S., R. 9 E. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

This survey was executed with two W. and L. E. Gurley transits Nos. 541326 and 541331, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good adjustment prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of the survey.

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

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1-chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; the field notes show horizontal equivalents only. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximate as scaled from U. S. G. S. topographic sheets. The details of such traverse or triangulation have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation and supplemented by numerous altitude observations on the sun taken throughout the progress of this survey.

The geographic position for the SE. cor. of T. 37 S., R. 9 E., is at latitude  $37^{\circ} 32' 26.34''$  N. and longitude  $110^{\circ} 51' 45.60''$  W., as determined from U. S. G. S. quadrangle sheets and traverse from triangulation station "Cliff", which is situated in the N. portion of section 28, T. 37 S., R. 9 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be  $15^{\circ}$  East.

South Boundary, T. 37 S., R. 9 E.

Beginning at the  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, on the S. bdy. of the Tp., which is mkd. by an iron post, 1 in. diam., firmly set, mkd. and witnessed as described in the official record.

Chains

S. 89° 45' W., bet. secs. 3 and 34.

Over broken canyon rim.

Desc. 600 ft. over nearly vertical ledge, bears NE. and SW.

40.00

Point for the cor. of secs. 3, 4, 33 and 34, falls in bottom of wash, 20 lks. wide, 2 ft. deep, drains SW. where the monument cannot be perpetuated.

Land, broken canyon rim.

Soil, sandy silt, with exposed sandstone.

Timber, sparsely scattered dwarf juniper and pinion.

Undergrowth, scattered black brush, bitter brush, silver leaf and cact

S. 89° 45' W., bet. secs. 4 and 33.

Over broken canyon land, through sparsely scattered juniper and pinion

Asc. 80 ft. over E. slope.

3.00

Point selected for the witness cor. of secs. 3, 4, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E.  
 S33 | S34 W  
 S 4 | S 3 C  
 T38S  
 1957

Asc. 100 ft. over E. sloping slickrock.

5.00

Spur, projects S.; desc. 100 ft. over W. slope.

10.00

Wash, drains S. from NW.; asc. 200 ft. over an E. slope.

23.50

Spur, projects S.; desc. 200 ft. over a W. slope.

33.50

Wash, drains SW.; asc. over steep SE. slope of slickrock.

40.00

True point for the ¼ sec. cor. of secs. 4 and 33 falls on steep SE. slope of slickrock where it is impractical to set the monument.

Asc. 130 ft. over nearly vertical SE. facing ledge.

48.00

Sharp spur, projects S., cont. over SE. sloping slickrock.

56.60

Point selected for the witness ¼ sec. cor. of secs. 4 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E  
 ¼ S33 WC  
 S 4  
 T38S  
 1957

Desc. 110 ft. over steep W. slope.

68.30

E. rim of Stevens Canyon, bears NE. and SW.; desc. 250 ft. over nearly vertical ledge.

80.00

Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

Chains

T37S R 9E  
 S32 | S33  
 S 5 | S 4  
 T38S  
 1957

Land, broken canyon.  
 Soil, sandy silt, with exposed sandstone.  
 Timber, sparsely scattered dwarf juniper and pinion.  
 Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

S. 89° 45' W., bet. secs. 5 and 32.

Desc. 120 ft. over NW. slope.

5.00 Asc. 150 ft. over S. to SE. slope.

24.00 Flat spur, slopes SW.; desc. 80 ft. over NW. slope.

30.00 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E  
 WC  $\frac{1}{4}$  S32  
 S 5  
 T38S  
 1957

Desc. 280 ft. over NW. slope.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32 falls on steep NW. slope of canyon; desc. 200 ft. over NW. slope.

47.00 Bottom of canyon, drains SW.; asc. 500 ft. over nearly vertical ledges bearing NE. and S.

76.00 W. rim of Stevens Canyon, bears N. and S.

80.00 True point for the cor. of secs. 5, 6, 31 and 32 falls on face of nearly vertical W. facing ledge where it is impractical to set the monument.

Land, broken.  
 Soil, sandy silt, with ledges, slickrock and rocks.  
 Timber, sparsely scattered dwarf juniper and pinion.  
 Undergrowth, scatn black brush, bitter brush and mountain rush.

S. 89° 45' W., bet. secs. 6 and 31.

1.57 Point selected for the witness cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed bedrock and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E  
 S31 | S32 W  
 S 6 | S 5 C  
 T38S  
 1957

Cont. to asc. over series of spurs and knobs,

12.50 Rim of canyon, bears S. 45° W. and N. 45° E.; desc. 400 ft. over nearly vertical NW. facing ledges.

30.00 Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 240 ft. over steep S. slope

## South Boundary, T. 37 S., R. 9 E.

Chains  
40.00

True point for the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, falls on nearly vertical ledge, 20 ft. high, bearing N. and S., where it is impractical to set the monument.

40.20

Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground and in a mound of stone,  $3\frac{1}{2}$  ft. base to top of post, with brass cap mkd.

T37S R 9E

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

S 6 C

T38S

1957

Asc. 500 ft. over nearly vertical ledge, bearing NE. and SW.

60.00

Spur, projecting SW.; desc. 530 ft. over NW. slope.

78.00

Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 100 ft. over SE. slope.

83.62

The cor. of Ts. 37 and 38 S., Rs. 8 and 9 E., monumented by an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 8 E.

Land, broken.

Soil, sandy silt, with exposed sandstone ledges and slickrock.

Timber, sparsely scattered juniper and pinion.

Undergrowth, scattered black brush, bitter brush and mountain rush.

## East Boundary, T. 37 S., R. 9 E.

Beginning at the cor. of Ts. 37 and 38 S., Rs. 9 and 10 E., which is mkd. by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record of the 1923 survey of T. 38 S., R. 9 E.

North, bet. secs. 31 and 36.

Over series of slickrock spurs, sloping E.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36.

Set an iron post,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S

R 9E R10E

 $\frac{1}{4}$ 

S36 | S31

1957

Cont. over series of slickrock spurs.

44.00

Leave slickrock spurs, thence over rolling sandy land, through scattered juniper and pinion.

55.00

Wash, 10 lks. wide, 2 ft. deep, drains S.  $70^\circ$  E.

65.00

Wash, 10 lks. wide, 2 ft. deep, drains S.  $45^\circ$  E.

73.00

Wash, 10 lks. wide, 2 ft. deep, drains S.  $45^\circ$  E.

80.00

Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

East Boundary, T. 37 S., R. 9 E.

Chains

T37S  
R 9E R10E  
S25|S30  
S36|S31  
1957

Land, broken E. slope of the Water Pocket Fold.  
Soil, slickrock S.  $\frac{1}{2}$ , deep sandy N.  $\frac{1}{2}$ .  
Timber, none S.  $\frac{1}{2}$ , scattered dwarf juniper and pinion N.  $\frac{1}{2}$ .  
Undergrowth, scattered black brush, bitter brush and cacti.

North, bet. secs. 25 and 30.

Over rolling land, through scattered juniper and pinion.

5.00 Wash, 20 lks. wide, 1 ft. deep, drains S. 20° E.

10.00 Hall Creek, 1 ch. wide, 2 ft. deep, drains S. 70° E.

12.00 Jeep road, bears NW. and SE.

25.00 Leave rolling land; asc. 200 ft. over steep, boulder strewn SW. sloping talus.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S  
R 9E R10E  
 $\frac{1}{4}$   
S25|S30  
1957

By tri.; asc. 240 ft. over nearly vertical SW. facing ledge.

60.25 End of tri. on the W. rim of Hall Mesa, bears N. 45° W. and S. 45° E.; asc. 55 ft. over S. slope.

73.20 Short spur, projects W.; desc. 50 ft. over N. slope.

74.70 Narrow shelf below rim.

Point selected for the witness cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in sandstone, and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S  
R 9E R10E  
W C  
S24|S19  
S25|S30  
1957

75.00 Rim of Hall Mesa, bears N. 10° E. and S. 10° W., by tri. parallel to the rim.

80.00 True point for the cor. of secs. 19, 24, 25 and 30, falls on the face of nearly vertical W. facing ledge, 200 ft. high, bears N. 10° E. and S. 10° W., where it is impractical to set the monument.

Land, broken.  
Soil, shallow sandy silt.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and mountain rush.

East Boundary, T. 27 S., R. 9 E.

Chains		and O
	North, bet. secs. 19 and 24.	
	Over broken land, along W. rim of Hall Mesa.	
20.00	Rim of Hall Mesa, 200 ft. high, bears N. 10° W. and S. 10° E. End of tri.	
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24 falls on steep S. sloping slickrock where it is impractical to set the monument.	
42.00	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 19 and 24.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.	
	T37S R. 9E R10E $\frac{1}{4}$ S24   S19 W C 1957	
	Cont. along mesa rim over broken land.	
72.90	Point selected for the witness cor. of secs. 13, 18, 19 and 24.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.	
	T37S R. 9E R10E W C S13   S18 S24   S19 1957	
73.50	Rim of Hall Mesa, 200 ft. high, bears N. 5° E. and S. 5° W. on an offset along the top of Hall Mesa. Distances to topography are approx. as scaled from U. S. G. S. topographic sheets.	
80.00	True point for the cor. of secs. 13, 18, 19 and 24, falls on the face of nearly vertical W. facing ledge, where it is impractical to set the monument.	
	Land, broken canyon rim. Soil, sandy silt. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush and mountain rush.	
	North, bet. secs. 13 and 18.	
	Parallel with the nearly vertical W. facing ledge, 200 ft. high, bears N. and S.	
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18 falls on the face of nearly vertical ledge, 200 ft. high, bears N. and S. where it is impractical to set the monument.	
	At a point 3.05 chs. E.	
	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 13 and 18.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.	

Chs.

T37S  
R 9E R10E  
\*  
WC S13|S18  
1957

Cont. to parallel mesa rim.

80.00

True point for the cor. of secs. 7, 12, 13 and 18 falls on the face of nearly vertical W. facing ledge, 200 ft. high, bears N. and S., where it is impractical to set the monument.

At a point 4.11 chs. E.

Point selected for the witness cor. of secs. 7, 12, 13 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T37S  
R 9E R10E  
W S12|S 7  
C S13|S18  
1957

Land, mesa rim.

Soil, shallow sandy silt, with exposed sandstone.

Timber, none; undergrowth, none.

North, bet. secs. 7 and 12.

Parallel with the W. facing ledge, 200 ft. high, of Hall Mesa.

40.00

True point for the ¼ sec. cor. of secs. 7 and 12, falls on nearly vertical W. facing ledge, 200 ft. high, where it is impractical to set the monument.

At a point E. 3.18 chs.

Point selected for the witness ¼ sec. cor. of secs. 7 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S  
R 9E R10E  
\*  
WC S12|S 7  
1957

Cont. on line parallel with the W. rim of Hall Mesa.

50.00

W. rim of Hall Mesa, bears N. 30° W. and S. 30° E.; on true line, asc 240 ft. over steep boulder strewn S. slope.

65.00

Spur, sloping SE.; desc. 160 ft. over E. facing ledges into canyon.

76.50

Wash, 20 lks. wide, 1 ft. deep, drains SE.; asc. 20 ft. over S. sloping slickrock.

80.00

Point for the cor. of secs. 1, 6, 7 and 12.

East Boundary, T. 37 S., R. 9 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S  
R 9E R10E  
S 1 | S 6  
S12 | S 7  
1957

Land, broken canyon rim.  
Soil, sandy silt, with exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and mountain rush.

North, bet. secs. 1 and 6.  
Over broken ledges and slickrock along W. canyon wall; asc. 290 ft. over same.

16.60 Leave canyon, thence over broken land.

25.00 Wash, 50 lks. wide, 2 ft. deep, drains S. 50° E.; asc. 50 ft. over broken S. facing ledges.

40.00 Point for the ¼ sec. cor. of secs. 1 and 6.  
Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S  
R 9E R10E  
¼  
S 1 | S 6  
1957

Cont. over broken land.

80.00 Point for the cor. of Ts. 36 and 37 S., Rs. 9 and 10 E.  
Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T36S  
R 9E R10E  
S36 | S31  
S 1 | S 6  
T37S  
1957

Land, broken.  
Soil, sandy silt, with exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and mountain rush.

North Boundary, T. 37 S., R. 9 E.

From the cor. of Ts. 36 and 37 S., Rs. 9 and 10 E.  
S. 89° 55' W., bet. secs. 1 and 36.  
Over nearly level mesa top, through scattered dwarf juniper and pinion.

6.30 Low spur, sloping S.; desc. 75 ft. over W. slope.

## North Boundary, T. 37 S., R. 9 E.

Chains	
11.30	Wash, 40 lks. wide, 1 ft. deep, drains S. $10^{\circ}$ W.; asc. 110 ft. over slight E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd.
	T36S R 9E S36 S 1 T37S 1957
	Cont. over mesa top.
43.40	W. rim of Hall Mesa; bears NW. and SE.; by tri. desc. 560 ft. over nearly vertical SW. facing ledge.
70.75	End of tri.; thence over series of boulder strewn spurs, sloping SE.
79.50	Bulldozed road, bears N. $45^{\circ}$ W. and S. $45^{\circ}$ E.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3 ft. base to top of post, with brass cap mkd.
	T36S R 9E S35 S36 S 2 S 1 T37S 1957
	Land, E. $\frac{1}{2}$ , nearly level mesa top; W. $\frac{1}{2}$ , broken canyon rim. Soil, sandy silt. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, black brush, bitter brush, mountain rush and cacti.
	S. $89^{\circ} 55'$ W., bet. secs. 2 and 35, over series of spurs sloping SE.
12.00	Wash, near head, drains S. $45^{\circ}$ E.; asc. 170 ft. over E. slope.
17.00	Spur, sloping NE.; desc. 80 ft. over NW. slope.
31.00	Wash, near head, drains N. $45^{\circ}$ E.; asc. 20 ft. over NE. slope.
32.80	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 2 and 35.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd.
	T36S R 9E W $\frac{1}{4}$ S35 C $\frac{1}{4}$ S 2 T37S 1957
	Asc. 100 ft. over series of steep NE. sloping slickrock.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35 falls on steep NW. sloping slickrock, where it is impractical to set the monument.

North Boundary T. 37 S., R. 9 E.

Chains	Desc. 100 ft. over steep W. sloping slickrock.	08.17
45.50	E. rim of Hall Creek, bears N. 45° W. and S. 45° E., by tri. across canyon.	00.00
54.00	Hall Creek, 1 ch. wide, 2 ft. deep, meanders S.	
60.00	W. rim of Hall Creek, bears N. 45° W. and S. 45° E., end of tri. Drainage changes to NE.; asc. 400 ft. over series of slickrock spurs sloping NE.	
80.00	True point for the cor. of secs. 2, 3, 34 and 35 falls on steep NE. sloping slickrock, where it is impractical to set the monument.	
	Land, deeply eroded E. slope of the Water Pocket Fold. Soil, sandy silt in pockets, with exposed sandstone covering most of the mile. Timber, none; undergrowth, few scattered patches of black brush, bitter brush and cacti.	
	S. 89° 55' W., bet. secs. 3 and 34.	
	Over steep E. sloping slickrock.	
.47	Point selected for the witness cor. of secs. 2, 3, 34 and 35. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.	
	T36S R 9E S34   S35 W S 3   S 2 C T37S 1957	
	Cont. to asc. 435 ft. over series of NE. sloping slickrock spurs.	
40.00	Point for the ¼ sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.	
	T36S R 9E ¼ S34 S 3 T37S 1957	
	Note: Cor. is located on sandstone spur sloping NE. approx. 3 chs. NE. from crest.	
68.00	Wash, drains NW.	
72.00	Wash, drains NE. 1 ch. to junction with above wash; cont. to asc. over E. slope.	
80.00	Point for the cor. of secs. 3, 4, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.	
	T36S R 9E S33   S34 S 4   S 3 T37S 1957	

Chains

Land, series of slickrock spurs.  
Soil, sandy silt in pockets, with exposed sandstone covering most of the mile.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, black brush, bitter brush, mountain rush and cacti.

S. 89° 55' W., bet. secs. 4 and 33.

Asc. 280 ft. along the S. slope of sandstone spur sloping E.

40.00

True point for the 1/4 sec. cor. of secs. 4 and 33, falls on the steep S. side of sandstone spur sloping E, where it is impractical to set the monument.

At a point S. 4.90 chs.

Point selected for the witness 1/4 sec. cor. of secs. 4 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S R 9 E  
W C  
S33  
1/4 S 4  
T37S  
1957

Note: Cor. is located on long sandstone spur sloping E.

On line, cont. to asc. 40 ft. along N. wall of canyon.

48.00

Wash, 20 lks. wide, 1 ft. deep, drains S. 80° E.; asc. 520 ft. along S. wall of canyon.

80.00

Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S R 9E  
S32 | S33  
S 5 | S 4  
T37S  
1957

Land, steep E. sloping sandstone spurs.  
Soil, sandy silt in pockets, most of the miles exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

S. 89° 55' W., bet. secs. 5 and 32.

Over rolling land, with a general E. slope, through moderately dense dwarf juniper and pinion.

31.00

Wash, 20 lks. wide, 2 ft. deep, drains N. 45° E.; asc. 120 ft. over E. slope.

40.00

Point for the 1/4 sec. cor. of secs. 5 and 32.

Chains

Chain

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S R 9E

1/4 S32  
S 5

T37S

1957

Cont. to asc. 80 ft. over E. slope.

53.00

Spur, sloping SW.; desc. 120 ft. over W. slope.

62.10

Wash, 10 lks. wide, 1 ft. deep, drains S. 45° W.; asc. 40 ft. along S. slope.

80.00

Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S R 9E

S31 | S32  
S 6 | S 5

T37S

1957

Land, rolling.

Soil, sandy silt.

Timber, moderate dwarf juniper and pinion.

Undergrowth, black brush, bitter brush, service berry, mountain rush and cacti.

S. 89° 55' W., bet. secs. 6 and 31.

Over broken canyon land, through scattered dwarf juniper and pinion.

9.00

Spur, sloping S. 45° W.; desc. 240 ft. over steep W. slope.

24.50

Wash, 30 lks. wide, 2 ft. deep, drains S.; asc. 360 ft. over broken E. facing ledges.

40.00

True point for the 1/4 sec. cor. of secs. 6 and 31, falls on E. sloping slickrock where it is impractical to set the monument.

40.12

Point selected for the witness 1/4 sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S R 9E

1/4 S31 W  
S 6 C

T37S

1957

Cont. to asc. 200 ft. over E. facing broken ledges.

49.00

S. edge of small butte approximately 3.00 schs. S. of S. rim.

North Boundary, T. 37 S., R. 9 E.

**Chains**  
**Desc.** 320 ft. over W. facing broken ledges.

65.20 Wash, 20 lks. wide, 1 ft. deep, drains S. 45° W.; asc. 80 ft. over steep E. sloping slickrock.

83.27 The cor. of Ts. 36 and 37 S., Rs. 8 and 9 E., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 8 E.

Land, broken canyon land.  
 Soil, sandy silt, with areas of exposed sandstone and loose boulders.  
 Timber, scattered dwarf juniper and pinion.  
 Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

Portion of the Subdivision, T. 37 S., R. 9 E.

Beginning at the cor. of secs. 1, 2, 35 and 36, on the S. bdy., which is mkd. by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1923 survey of T. 38 S., R. 9 E.

N. 0° 01' W., bet. secs. 35 and 36.

Over series of sandstone spurs, along the E. slope of the Water Pocket Fold; through scattered dwarf juniper and pinion.

Desc. 20 ft. over N. slope.

10.40 Draw, drains E.; asc. 20 ft. over slickrock, slopes S.

15.60 Sandstone spur, slopes E.; desc. 140 ft. over steep N. slope of spur.

40.00 Point for the ¼ sec. cor. of secs. 35 and 36.

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

T37S R 9E  
¼  
S35|S36  
1957

No suitable accessories available.

Asc. 80 ft. over steep S. sloping slickrock.

50.60 Sandstone spur, slopes E.; desc. 100 ft. over steep N. sloping slickrock.

60.50 Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 45 ft. over S. sloping slickrock.

65.00 Sandstone knob; desc. 60 ft. over steep N. sloping slickrock.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E  
S26|S25  
S35|S36  
1957

Land, sandstone spurs, ridges and knobs.  
 Soil, sandy silt in pockets, with most of the mile exposed sandstone.  
 Timber, thinly scattered dwarf juniper and pinion.  
 Undergrowth, black brush, bitter brush and mountain rush.

## Portion of the Subdivision, T. 37 S., R. 9 E.

Chains	From the cor. of secs. 25, 30, 31 and 36.
	N. 89° 58' W., bet. secs. 25 and 36.
	Over rolling sandy land, through scattered juniper and pinion.
6.00	Wash, 10 lks. wide, 2 ft. deep, drains N. 20° E.
9.00	Wash, 10 lks. wide, 2 ft. deep, drains S. 60° E.; asc. 520 ft. over steep E. sloping slickrock on the Water Pocket Fold.
39.96	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
	T37S R 9E $\frac{1}{4}$ S25 S36 1957
	Cont. to asc. 530 ft. over steep E. sloping slickrock.
73.60	Spur, sloping S.; desc. 10 ft. over W. slope.
79.92	The cor. of secs. 25, 26, 35 and 36.
	Land, steep E. sloping slickrock. Soil, sandy silt, with exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush and mountain rush.
	From the true point for the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp.
	N. 0° 02' W., bet. secs. 33 and 34.
	By tri.; asc. 560 ft. over nearly vertical ledge.
8.30	Wash, 20 lks. wide, 2 ft. deep, drains SSE.
27.00	Canyon rim, bears E. and W. End of tri.; thence over series of slickrock knobs and spurs.
37.00	Land becomes less broken.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 4 ft. base to top of post; with brass cap mkd.
	T37S R 9E $\frac{1}{4}$ S33 S34 1957
55.50	S. rim of canyon, bears S. 45° W. and N. 45° E.; by tri. across same.
80.00	True point for the cor. of secs. 27, 28, 33 and 34 falls on the N. rim of canyon, which bears N. 80° W. and S. 80° E., in an area of steep sloping slickrock knobs and spurs, where it is impractical to set the monument.
	Land, broken canyon land. Soil, shallow sandy silt, with slickrock covering most of the mile. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

Portion of the Subdivision, T. 37 S., R. 9 E.

Chains

N. 0° 02' W., bet. secs. 27 and 28.

Over slickrock spurs and knobs.

5.80

Point selected for the witness cor. of secs. 27, 28, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 4 ft. base to top of post; with brass cap mkd.

T37S R 9E

S28|S27

S33|S34

W.C.

1957

Cont. over series of sandstone spurs, sloping S.

Asc: 120 ft. over steep SE. sloping slickrock.

22.30

Narrow sandstone ridge, bears NE. and SW.; desc. 35 ft. over NW. slope.

25.30

End of descent, thence over series of low sandstone spurs, sloping W. and SW.

40.00

Point for the ¼ sec. cor. of secs. 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E

¼

S28|S27

1957

Note: Cor. is located on the E. side of sink, 1 ch. diam.

44.00

Wash, drains NW. on curve to SW.; cont. over series of low sandstone spurs, sloping S. to SE.

65.00

High point on ridge, bears 8 chs. W.

66.30

Wash, 10 lks. wide, 2 ft. deep, drains N. 80° E.; asc. 65 ft. over SE. slope.

80.00

Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S R 9E

S21|S22

S28|S27

1957

Land, low sandstone spurs.

Soil, sandy silt in pockets; with exposed sandstone covering most of the mile.

Timber, dwarf juniper and pinion growing in scattered groves.

Undergrowth, scattered black brush, bitter brush, service berry, mountain rush and cact.

N. 0° 02' W., bet. secs. 21 and 22.

Over broken canyon rim, through thinly scattered juniper and pinion.

4.70

S. rim of Millers Creek, bears S. 80° W. and N. 70° E. By tri., desc. 450 ft. over nearly vertical NW. facing ledge.

Portion of the Subdivision, T. 37 S., R. 9 E.

Chains	
9.00	Base of ledge, thence desc. 400 ft. over shelf sloping N.
25.00	Wash, near head, drains N. 45° E.; asc. 240 ft. over nearly vertical SE. facing ledge.
30.00	Spur, projecting NE.; desc. 480 ft. over nearly vertical N. facing ledge.
35.00	Base of ledge, bears N. 45° W. and S. 45° E., thence over series of boulder strewn talus slopes, sloping NE.
40.00	True point for the ¼ sec. cor. of secs. 21 and 22, falls in an area of loose boulders where the monument cannot be perpetuated.
46.00	Point selected for the witness ¼ sec. cor. of secs. 21 and 22.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd  T37S R 9E S21 ↓ S22 W C 1957
	Cont. over series of boulder strewn spurs sloping NE.
61.25	Trail, bears NE. and SW. along the top of a clay spur, sloping NE.; desc. 160 ft. over steep NW. slope.
78.00	Millers Creek, 20 lks. wide, 2 ft. deep, drains E.; asc. 160 ft. over steep S. slope.
80.00	True point for the cor. of secs. 15, 16, 21 and 22 falls on steep S. sloping clay bank of Millers Creek where the monument cannot be perpetuated.  Land, broken canyon land. Soil, sandy silt, with exposed sandstone ledges and boulders. Timber, thinly scattered juniper and pinion. Undergrowth, black brush, bitter brush, mountain rush and cactf.
	N. 0° 02' W., bet. secs. 15 and 16. Over steep S. sloping clay slope.
3.00	S. edge of nearly level bench.
4.69	Point selected for the witness cor. of secs. 15, 16, 21 and 22.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.  T37S R 9E S16   S15 S21 ↓ S22 W C 1957
8.00	Base of nearly vertical ledge, bears S. 70° W. and N. 70° E.; asc. 570 ft. over same.
14.30	N. rim of Millers Creek, bears S. 70° W. and N. 70° E., End of tri., thence over series of sandstone spurs and knobs.

Part of the Subdivision, T. 37 S., R. 9 E.

<p>Chains 29.80 40.00</p>	<p>Wash, 10 lks. wide, 3 ft. deep, drains SE. Point for the 1/4 sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd. T37S R 9E 1/4 S16   S15 1957</p>
<p>42.46 80.00</p>	<p>By tri., over an area of sandstone knobs and spurs. True point for the cor. of secs. 9, 10, 15 and 16 falls on nearly vertical N. facing ledge of ravine where it is impractical to set the monument. Land, series of sandstone spurs and knobs. Soil, sandy silt, with exposed sandstone. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, black brush, bitter brush, mountain rush and cacti.</p>
<p>7.00</p>	<p>N. 0° 02' W., bet. secs. 9 and 10. Over series of sandstone spurs and knobs, through thinly scattered dwarf juniper and pinion. Point selected for the witness cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2 1/2 ins. diam., over across (X) cut in exposed sandstone and supported in a mound of stone, 3 ft. base to top of post, with brass cap mkd. T37S R 9E S 9   S10 S16   S15 W C 1957</p>
<p>7.70 19.60 24.80 35.20</p>	<p>End of tri. on pinnacle; desc. 165 ft. over nearly vertical N. facing ledge. Draw, drains E.; asc. 195 ft. over S. slope. Sandstone knob; desc. 35 ft. along E. slope. Point selected for the witness 1/4 sec. cor. of secs. 9 and 10.</p>
<p>40.00</p>	<p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd. T37S R 9E W C 1/4 S9   S10 1957 True point for the 1/4 sec. cor. of secs. 9 and 10 falls in a steep sided ravine, drains E., where it is impractical to set the monument. By tri., cont. over series of sandstone spurs and knobs.</p>

Portion of the Subdivision, T. 37 S., R. 9 E.

Chase  
80.00

True point for the cor. of secs. 3, 4, 9 and 10 falls in the bottom of a ravine, 2 chs. wide, 80 ft. deep, where it is impractical to set the monument.

Land, series of sandstone spurs and knobs.  
Soil, sandy silt in pockets, most of the area is exposed sandstone.  
Timber, thinly scattered groves of dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

N. 0° 19' E., bet. secs. 3 and 4.

Over series of sandstone spurs and knobs, through thinly scattered dwarf juniper and pinion.

3.60 Point selected for the witness cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E  
S 4 | S 3  
S 9 | S 10  
W C  
1957

7.80 End of tri. on sandstone spur sloping E.; desc. 125 ft. over steep N. slope.

19.25 Bottom of ravine, drains NE.; asc. 125 ft. over steep S. sloping slickrock.

30.00 Top of ascent on spur sloping E.; desc. 35 ft. over rolling land.

40.00 True point for the ¼ sec. cor. of secs. 3, and 4 falls in wash, 10 lks. wide, 1 ft. deep, drains E., where the monument cannot be perpetuated.

41.15 Point selected for the witness ¼ sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E  
S 4 | S 3  
W C  
1957

Asc. 80 ft. over S. slope.

61.30 Top of ascent on spur sloping E.; desc. 20 ft. over N. slope.

65.60 Wash, 10 lks. wide, 3 ft. deep, drains NE.; asc. 60 ft. over S. sloping slickrock.

70.00 W. edge of sandstone knob; desc. 80 ft. over N. slope.

74.50 Wash, 20 lks. wide, 1 ft. deep, drains NE.

80.10 The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.

Lead, broken canyon land.  
Soil, sandy silt in pockets, with most of the mile exposed sandstone.  
Timber, dwarf juniper and pinion growing in scattered groves.  
Undergrowth, scattered black brush, bitter brush, mountain rush, silver leaf and cacti.

Portion of the Subdivision, T. 37 S., R. 9 E.

Chains

From the cor. of secs. 1, 2, 35 and 36, on the N. bdy.  
S. 0° 01' E., bet. secs. 1 and 2.

By tri. over series of SE. sloping spurs.

8.50

Wash, 20 lks. wide, 2 ft. deep, drains S. 45° E.

40.03

True point for the 1/4 sec. cor. of secs. 1 and 2 falls on steep N. slope of slickrock where it is impractical to set the monument.

40.80

Point selected for the witness 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T37S R 9E  
W C

1/4  
S21S1

1957

Cont. along steep E. sloping slickrock.

52.00

N. rim of Hall Creek, bears N. 70° E. and S. 70° W.

53.50

Hall Creek, drains N. 70° E.

55.00

S. rim of Hall Creek, bears N. 70° E. and S. 70° W.; asc. 200 ft. over steep NE. slope.

67.00

E. edge of pinnacle on narrow shelf projecting E.; desc. 120 ft. over SE. slope.

80.03

True point for the cor. of secs. 1, 2, 11 and 12, falls on steep SE. sloping slickrock where it is impractical to set the monument.

80.97

Point selected for the witness cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T37S R 9E  
W C

S 21 S 1  
S11 | S12

1957

Land, steep E. sloping slickrock.

Soil, sandy silt in pockets.

Timber, none.

Undergrowth, thinly scattered black brush, bitter brush, mountain rush and cacti.

From the true point for the cor. of secs. 1, 2, 11 and 12.

S. 89° 56' W., bet. secs. 2 and 11, on a theoretical parallel connecting the cors. of secs. 1, 6, 7 and 12, on the E. bdy. and the cors. of 3, 4, 9 and 10, as specified in the special instructions.

Asc. 95 ft. over steep NE. sloping slickrock.

5.00

E. rim of Hall Creek, bears N. 45° E. and S. 45° W. By tri., across canyon.

27.60

W. rim of Hall Creek, bears N. 45° W and S. 45° E.; asc. 160 ft. over steep E. sloping slickrock.

Portion of the Subdivision, T. 37 S., R. 9 E.

38.00	Chains Low sandstone knob; desc. 40 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd. T37S R 9E $\frac{1}{4}$ S 2 S11 1957
60.70	Asc. 115 ft. over SE. sloping slickrock. Top of ascent on spur sloping SE.; cont. along E. slope.
80.00	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd. T37S R 9E S 3   S 2 S10   S11 1957
	Land, SE. sloping slickrock. Soil, sandy silt in pockets; exposed sandstone over most of the mile. Timber, thinly scattered dwarf juniper and pinion. Undergrowth, black brush, bitter brush, mountain rush and cacti.
9.20	From the cor. of secs. 2, 3, 10 and 11. N. $0^{\circ} 05'$ W., bet. secs. 2 and 3. Asc. 60 ft. over E. slope, through scattered juniper and pinion. E. slope of sandstone knob; desc. 125 ft. over N. slope.
16.80	Small wash, drains NE.; cont. to desc. 65 ft. over N. slope.
38.80	Low sandstone spur, sloping NE. Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3 ft. base to top of post, with brass cap mkd. T37S R 9E W C $\frac{1}{4}$ S 2 S3   S2 1957
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3, falls on steep SE. sloping slickrock where it is impractical to set the monument.
42.00	Sandstone spur, sloping NE.; desc. 160 ft. over steep NW. sloping slickrock.
51.10	Wash, 20 lks. wide, 2 ft. deep, drains E.; asc. 120 ft. over steep SE. slope.

Portion of the subdivision, T. 37 S., R. 9 E.

Chains

55.50

Spur, sloping NE.; desc. 120 ft. over NW. slope.

70.00

Small wash, near head, drains NE.; asc. 40 ft. over SE. slope.

75.00

Spur sloping NE.; desc. 40 ft. over NW. slope.

79.87

True point for the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp.

Land, broken.

Soil, sandy silt in pockets, with exposed sandstone covering most of the mile.

Timber, thinly scattered dwarf juniper and pinion.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

From the true point for the cor. of secs. 15, 16, 21 and 22.

S. 89° 45' W., bet. secs. 16 and 21.

By tri.; asc. 160 ft. over steep S. sloping talus.

14.50

Millers Creek, 20 lks. wide, 2 ft. deep, drains S. 45° E.; cont. to asc. 80 ft. over E. sloping talus.

16.00

Base of nearly vertical ledge, bears irregularly N. and S.; asc. 400 ft. over same.

23.00

Rim, bears N. and S.; asc. 200 ft. over steep E. slope.

40.00

True point for the ¼ sec. cor. of secs. 16 and 21 falls on the face of a nearly vertical N. facing ledge where it is impractical to set the monument.

48.50

Millers Creek, near head, drains N. 50° E.; asc. 400 ft. over nearly vertical SE. facing ledge.

56.30

Point selected for the witness ¼ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E

¼ S16 WC

S21

1957

End of tri., thence over rolling land, through moderate growth of juniper and pinion.

57.70

Rim at the head of Millers Creek, bears N. 45° E. and S. 20° E.

80.00

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

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

T37S R 9E

S17|S16

S20|S21

1957

Land, broken canyon land.

Soil, sandy silt, with the S. ½ mile boulder strewn.

Timber, none on E. ¼; moderate juniper and pinion on W. ¼.

Undergrowth, scattered black brush, bitter brush, silver leaf, mountain rush and cacti.

Portion of the Subdivision, T. 37 S., R. 9 E.

Chains	N. 0° 02' W., bet. secs. 16 and 17:
	Over rolling land; through moderate juniper and pinion.
15.50	Wash, 20 lks. wide, 1 ft. deep, drains E.
40.00	Point for the ½ sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T37S R 9E
	S17   S16
	1957
	Deposit charcoal at bottom of post.
	Cont. over rolling land.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T37S R 9E
	S 8   S 9
	S17   S16
	1957
	Land, rolling.
	Soil, sandy silt.
	Timber, moderate juniper and pinion.
	Undergrowth, black brush, bitter brush, silver leaf, mountain rush and cacti.
	From the true point for the cor. of secs. 9, 10, 15 and 16.
	S. 89° 48' W., bet. secs. 9 and 16.
	By tri.; asc. 520 ft. over series of NE. sloping spurs.
31.80	End of tri. on spur sloping E.; cont. to asc. 80 ft. over E. sloping slickrock.
40.04	Point for the ½ sec. cor. of secs. 9 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3 ft. base to top of post, with brass cap mkd.
	T37S R 9E
	S 9
	S16
	1957
	Cont. to asc. 120 ft. over steep E. sloping slickrock.
47.50	Spur, sloping SE.; asc. 160 ft. over SE. slope.
73.00	Land becomes rolling with moderate growth of juniper and pinion.
80.09	The cor. of secs. 8, 9, 16 and 17.

Portion of the Subdivision, T. 37 S., R. 9 E.

Chains

Land, broken.  
Soil, sandy silt, with most of the mile being slickrock.  
Timber, thinly scattered juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy.

N. 0° 03' W., bet. secs. 32 and 33.

By tri.; asc. 302 ft. over nearly vertical S. facing ledge.

3.20 Rim, bears E. and W., thence by chaining over series of knobs.

6.80 Spur, projecting SW. By tri. desc. 400 ft. over nearly vertical NW. facing ledges.

22.00 Small wash near head, drains S. 45° W.; asc. 120 ft. over S. facing ledges.

26:50 Spur; sloping SW.; desc. 160 ft. over NW. facing ledges.

37.50 Wash, 30 lks. wide, 2 ft. deep; drains S. 45° W.; asc. 40 ft. over nearly vertical SE. facing ledges.

40.00 True point for the  $\frac{1}{4}$  sec. cor. of secs. 32 and 33 falls on steep E. sloping slickrock where it is impractical to set the monument.

Cont. to asc. 280 ft. along E. sloping slickrock.

57.90 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

R37S R 9E

$\frac{1}{4}$

S32|S33

W C

1957

Cont. to asc. 380 ft. over broken SE. facing ledges.

74.50 Narrow sandstone spur ridge projecting S. 45° W.

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T37S R 9E

W C

S29|S28

S32|S33

1957

Desc. 200 ft. over nearly vertical NW. facing ledge.

80.00 True point for the cor. of secs. 28, 29, 32 and 33, falls on the NW. face of nearly vertical ledge, where it is impractical to set the monument.

Land, broken canyon land.

Soil, sandy silt in pockets, most of the mile is exposed sandstone.  
Timber, thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush, silver leaf, service berry, mountain rush and cacti.

Portion of the Subdivision, T. 37 S., R. 9 E.

Chains

From the true point for the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 31 and 32.

Over broken canyon rim, through thinly scattered juniper and pinion.

Asc. 80 ft. over steep S. slope.

6.00 Crest of spur sloping NE; desc. 40 ft. over NW. slope.

12.60 S. rim of canyon, bears S. 45° W. and N. 45° E.; by tri. across canyon.

22.00 Wash, in canyon, drains SW.

40.00 True point for the ¼ sec. cor. of secs. 31 and 32 falls on steep SW. slope where it is impractical to set the monument.

At a point E. 90 lks.

Point selected for the witness ¼ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T37S R. 9E

¼  
S31 | S32 WC  
1957

43.00 N. rim, bears N. 45° W. and S. 45° E.

Thence on true line; asc. 100 ft. over S. slope.

48.50 Spur, sloping S.; desc. 45 ft. over NW. slope.

53.00 Asc. 80 ft. over S. to SE. slope.

59.30 Head of draw, drains SE.

64.00 W. rim of canyon, bears NE. and SW. along W. slope of canyon wall.

76.00 Same rim, bears NW. and SE.; asc. 160 ft. over SW. slope.

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T37S R. 9E

S30 | S29  
S31 | S32  
1957

Land, broken canyon rim, sandstone spurs and knobs.

Soil, sandy silt in pockets, with exposed sandstone covering most of the mile.

Timber, thinly scattered dwarf juniper and pinion.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

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

S. 89° 44' W., bet. secs. 29 and 32.

Over broken canyon land.

## Portion of the Subdivision; T. 37 S., R. 9 E.

## Chains

- By tri. 160 ft. over nearly vertical NW. facing ledges.
- 13.20 Wash, 20 lks. wide, 2 ft. deep, drains S. 45° W.; asc. 200 ft. over nearly vertical SW. facing ledges.
- 22.50 Spur, sloping S.; desc. 80 ft. over NW. slope.
- 27.50 Small wash near head, drains S. 20° E.; asc. 200 ft. over steep E. sloping slickrock.
- 34.00 Spur, sloping S.
- 35.50 Point selected for the witness  $\frac{1}{4}$  sec. cor. of secs. 29 and 32.  
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., over a cross (X) cut in sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
- T37S R 9E  
WC  $\frac{1}{4}$  S29  
S32  
1957
- Desc. 400 ft. over steep W. sloping slickrock.
- 40.03 True point for the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32, falls on steep W. sloping slickrock where it is impractical to set the monument.  
Cont. to desc. 80 ft. over steep W. sloping slickrock.
- 42.80 Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 240 ft. over nearly vertical E. facing ledge.
- 47.50 Spur projecting S.; desc. 160 ft. over nearly vertical SW. facing ledge.
- 53.40 Wash, near head, drains S. 45° E.; asc. 640 ft. over nearly vertical E. facing ledge.
- 72.10 Canyon rim, bears N. and S., thence over series of sandstone knobs.
- 80.06 The cor. of secs. 29, 30, 31 and 32.  
Land, broken canyon land.  
Soil, sandy silt in pockets, exposed sandstone covering most of the mile.  
Timber, very thinly scattered dwarf juniper and pinion.  
Undergrowth, scattered black brush, bitter brush and cacti.

## General Description

The land forms of T. 37 S., R. 9 E. are dominated by the Water Pocket Fold, with its crest lying in the west portion of the township, and bears N. 40° W. and S. 40° E. The east  $\frac{1}{2}$  of the township is on the steep east slope of the fold, which has been deeply eroded, leaving deep ravines, washes and canyons, with steep sided spurs sloping east. The west rim of Hall Mesa, an erosional scarp, with a west facing ledge approximately 400 ft. high, enters the township near the  $\frac{1}{4}$  section corner of sections 1 and 36 on the north boundary and bears S. 45° E. to a point opposite the corner of sections 1, 6, 7 and 12 on the east boundary, where the bearing changes to south and the rim parallels the east boundary to a point near the  $\frac{1}{4}$  section corner of sections 25 and 30 on the east boundary, where it again changes to a southeast bearing and leaves the township.

## Township 37 South, Range 9 East

## Chains

The elevation of the township ranges from approximately 3900 feet above sea level along Hall Creek in the east portion of the township, to a maximum of 6745 feet on the crest of the fold along the third meridional line in section 28.

The township is drained by three large canyons and their tributaries. Millers Creek, which heads in section 16 and forms a box canyon, with walls approximately 1500 feet high, drains east into Hall Creek at the base of Hall Mesa. Stevens Canyon heads in section 29 and drains south leaving the township in the west portion of section 32. East Moody Canyon enters the township on the north boundary near the  $\frac{1}{4}$  section corner of sections 6 and 31 and drains S. 45° W., leaving the township near the  $\frac{1}{4}$  section corner of sections 7 and 12 on the west boundary. These canyons attain a maximum depth of approximately 1500 feet and are rimmed with inaccessible nearly vertical ledges throughout most of their length.

The soil throughout the township is residual sandy silt. Along the crest of the fold and the stream valley of Hall Creek the soil is deep and produces a moderate to heavy growth of juniper, pinion, scrub oak, black brush, bitter brush, silver leaf, service berry, thimble berry, mountain rush and gama grass. Over the rest of the township there is very little soil, found only in pockets and small areas, producing a sparse growth of the above noted vegetation.

There are two jeep roads in the township. One, which has been bulldozed at one time, but because of the heavy erosion that takes place during every storm, is at present passable only in a vehicle equipped with four wheel drive. This road enters the township on the north boundary near the corner of sections 1, 2, 35 and 36 and bears S. 45° E. for approximately 1 mile, where it changes bearing to south for approximately 3 miles, thence southeast to a point near the corner of sections 25, 30, 31 and 36 on the east boundary, where it leaves the township. The other road branches off the Hall Creek road approximately 3 miles south of the north boundary and follows Millers Creek west into a box canyon with nearly vertical walls 1000 feet high, to a point near the southeast corner of section 16.

The only permanent source of water encountered during the survey was in Hall Creek, which enters the township on the north boundary near the corner of sections 1, 2, 35 and 36 and drains south to southeast at the base of Hall Mesa. The source of water for Hall Creek was evidently seeps and springs along the east slope of the fold, although none was noted during the progress of this survey.

There has been some limited prospecting in the east portion of the township, but there are no patented claims or producing mines. Because of the inaccessibility of the area there has been no utilization of the land for grazing.



CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1958

I have surveyed the east and north boundaries and a portion of the subdivision of T. 37 S., R. 9 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.

January 7, 1958  
Salt Lake City, Utah

Dell Cazier  
Dell Cazier  
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 1958

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.



CERTIFICATE OF CADASTRAL ENGINEER

503

I, Alburn D. Griffin, HEREBY CERTIFY upon honor that, pursuant of special instructions bearing date of the 13th day of May, 1958 I have surveyed a portion of the south boundary of T. 37 S., R. 9 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 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.

January 7, 1958  
Salt Lake City, Utah

Alburn D. Griffin  
Alburn D. Griffin  
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., \_\_\_\_\_, 1958

The foregoing field notes of the survey of \_\_\_\_\_  
executed by \_\_\_\_\_  
having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1958,

I have ~~conducted~~ supervised the survey of a portion of the south, east and north boundaries, and a portion of the subdivision of T. 37 S., R. 9 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 under my direction~~ under my supervision 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.

January 6, 1958  
Salt Lake City, Utah

*Vern E. Lane*  
Vern E. Lane  
Cadastral Surveyor (Chief of Party)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of a portion of the south, east, and north boundaries, and a portion of the subdivision of T. 37 S., R. 9 E., SLM, Utah

executed ~~by~~ under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

*Earl G. Harrington*  
Earl G. Harrington  
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original  
**FIELD NOTES**

of the Survey of

the East Boundary

and

a Portion of the Subdivision of

Township 36 South, Range 8 East

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane Cadastral Surveyor (Chief of Party)

Fred R. Chappell Cadastral Surveyor

Craig P. Sylvester Cartographic Survey Aid

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 11, 1957

Survey commenced October 9, 1957

Survey completed October 24, 1957

# INDEX DIAGRAM

Township 36 South, Range 8 East

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Fred R. Chappell \_\_\_\_\_  
 Craig P. Sylvester \_\_\_\_\_

16-25770-1

2448

Township 36 South, Range 8 East

Chains

The west boundary of the township was surveyed by Woodrow H. Sylvester and its record appears in the field notes of the 1956 survey of T. 36 S., R. 7 E. The north boundary was surveyed by Fred R. Chappell and its record appears in the field notes of the 1955 survey of the Seventh Standard Parallel South, R. 8 E. The south boundary was currently surveyed by C. P. Sylvester under group 401 and its record appears in the field notes of the survey of T. 37 S., R. 8 E.

The following field notes are those of the survey of the east boundary and a portion of the subdivision of T. 36 S., R. 8 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered State school sections.

This survey was executed with two W. and L. E. Gurley transits Nos. 461263 and 541327, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

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

Measurements herein contained were made with a narrow steel tape 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; the field notes show the horizontal equivalents only. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. On lines run by traverse or triangulation distances to topography are approximate as scaled from U. S. G. S. topographic sheets. The details of such traverse or triangulation have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation and supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the SE. corner of T. 36 S., R. 8 E. is at latitude 37° 37' 39" N. and longitude 110° 58' 22" W., as determined by traverse from U. S. G. S. triangulation station "Pine" situated in the SW. portion of section 36, T. 36 S., R. 10 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° E.

East Boundary of T36 S., R. 8 E.

Chains

50140

Beginning at the cor. of T. 36 and 37 S., R. 8 and 9 E., which is marked by an iron post, 1 1/2 ins. diam., in accordance with the record.

North, bet. secs. 31 and 36 and in a steep broken S. slope

Asc. 260 ft. over broken S. slope, through medium dense juniper and pinon.

34.50 Spur, sloping W.; desc. 60 ft. over broken N. slope.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S

R8E R9E

S36|S31

1957

Cont. to desc. 80 ft. over broken N. slope.

48.00 S. rim of canyon, S. 30° W. and N. 30° E. By tri.; desc. 440 ft. over nearly vertical NW. facing ledge.

61.00 Wash, 20 lks. wide, 2 ft. deep, drains S. 80° W.; asc. 560 ft. over nearly vertical S. facing ledge.

75.00 N. rim of canyon, bears E. and W.; cont. to asc. 40 ft. over steep, broken S. slope.

80.00 True point for the cor. of secs. 25, 30, 31 and 36, falls on steep S. sloping slickrock where it is impractical to set the monument.

Land, broken canyon land. Soil, sandy silt, with exposed sandstone. Timber, medium dense juniper and pinon. Undergrowth, scattered black brush, mountain rush and cacti.

North, bet. secs. 25 and 30.

Over broken and nearly vertical ledges, along W. mesa rim, through moderate dense juniper and pinon.

8.95 Spur of mesa rim, projecting SW.

Point selected for the witness cor. of secs. 25, 30, 31 and 36

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 5 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S

R8E R9E

S25|S30

S36|S31

W C

1957

10.00 Mesa rim, bears S. 45° W. and N. 45° E.; desc. 480 ft. over nearly vertical NW. facing ledge.

20.00 Base of ledge; cont. to desc. 80 ft. over NW. sloping slickrock.

East Boundary, T. 36 S., R. 8 E.

Chains

40.00 Point for the 1/4 sec. cor. of secs. 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
1/4  
S25|S30  
1957

By chaining; desc. 175 ft. over steep W. sloping boulder strewn talus.

56.70 Wash, 20 lks. wide, 6 ft. deep, drains W. Cont. to desc. 45 ft. over W. slope.

67.80 Swale, drains W.; asc. 75 ft. over S. slope.

74.90 Spur, slopes W.; desc. 25 ft. over N. slope.

80.00 Point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
S24|S19  
S25|S30  
1957

Land; boulder strewn W. sloping talus.  
Soil, boulder strewn sandy silt.  
Timber, scattered dwarf juniper and pinon; undergrowth, black brush mountain rush and cacti.

North, betw sec. 19 and 24.

Desc. 50 ft. along a W. slope over series of small spurs and washes, through scattered juniper and pinon.

20.00 Small wash, near head, drains W.; cont. to desc. 60 ft. along W. slope.

26.10 Wash, 30 lks. wide, 5 ft. deep, drains S. 50° W.; asc. 95 ft. over boulder strewn S. slope.

40.00 Point for the 1/4 sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
1/4  
S24|S19  
1957

Cont. to asc. 160 ft. over S. slope of clay hill.

47.90 Crest of clay hill; cont. to asc. 245 ft. over W. slope.

East Boundary, T. 36 S., R. 8 E.

Chains  
72.00  
80.00

Spur, slopes W, from point of ledges 7 chs. E.; desc. 25 ft. over N. slope.

Point for the cor. of secs. 13, 18, 19 and 24.  
Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
S13|S18  
S24|S19  
1957

Land, boulder strewn W. sloping talus.  
Soil, boulder strewn sandy silt.  
Timber, thinly scattered dwarf juniper and pinon.  
Undergrowth, scattered black brush, mountain rush and cacti.

North, betw. secs. 18 and 19.

Over broken land,  
Desc. 140 ft. along W. slope.

12.00 Wash, near head drains W.; asc. 50 ft. over SW. slope.

22.00 Spur, sloping W.; desc. 85 ft. along W. slope.

40.00 Point for the ¼ sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
¼  
S13|S18  
1957

Desc. 120 ft. along broken W. slope.

47.80 Wash, 20 lks. wide, 6 ft. deep, drains S. 70° W.; asc. 140 ft. along broken W. slope.

68.00 Spur, sloping W.; desc. 95 ft. over broken N. slope into ravine.

79.80 Small wash in bottom of ravine, drains S. 70° W.; asc. 4 ft. over S. slope.

80.00 Point for the cor. of secs. 7, 12, 13 and 18.  
Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
S12|S 7  
S13|S18  
1957

Land, broken W. slope.  
Soil, boulder strewn sandy silt.  
Timber, thinly scattered juniper and pinon.  
Undergrowth, scattered black brush, mountain rush and cacti.

East Boundary, T. 36 S., R. 8 E.

Chains

North base sec. 1 and 12.

Over broken land, through thinly scattered juniper and pinon

Asc. 790 ft. over broken SW. slope.

30.00

Spur, slopes sharply NW. from Wingate knob; desc. 385 ft. over steep NE. slope.

40.00

Point for the 1/4 sec. cor. of secs. 7 and 12. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
1/4  
S12 | S 7  
1957

Cont. to desc. 120 ft, over NE slope.

50.00

Wash, near head, drains E.; asc. 160 ft. over broken S. slope.

59.00

Spur, sloping SE.; desc. 160 ft. over broken NE. slope.

70.00

Wash, near head, drains E.; asc. 80 ft. over S. slope.

71.50

Narrow spur, sloping E.; desc. 120 ft. over broken N. slope.

77.00

Wash, near head, drains E.; asc. 80 ft. over steep S. slope.

80.00

True point for the cor. of secs. 1, 6, 7 and 12, falls on steep S. slope where it is impractical to set the monument.

Land, broken W. rim of mesa.  
Soil, boulder strewn sandy silt.  
Timber, thinly scattered juniper and pinon.  
Undergrowth, scattered black brush, Mountain rush and cacti.

North base sec. 1 and 6.

Over broken mesa rim, through thinly scattered juniper and pinon.

Asc. 160 ft. over steep S. slope.

2.00

Spur, sloping E.

2.11

Point selected for the witness cor. of secs. 1, 6, 7, and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T36S  
R8E R9E  
S 1 | S 6  
S12 | S12  
W C  
1957

Over top of spur.

11.60

N. crest of spur; desc. 260 ft. over N. slope.

20.00

Small wash, drains E.; asc. 40 ft. over broken E. slope.

East Boundary, T. 36 S., R. 8 E.

Chains		and
26.50	Spur, sloping E.; desc. 95 ft. along broken E. slope.	
32.00	Small wash, drains E.	
37.20	Wash, 20 lks. wide, 2 ft. deep, drains N. 80° E., asc. 40 ft. over S. slope.	
40.00	Point for the ¼ sec. cor. of secs. 1 and 6.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.	
	T36S R8E R9E ¼ S1 S6 1957	
	Cont. to asc. 30 ft. over S. slope.	
50.20	Spur, sloping E.; desc. 100 ft. along broken E. slope.	
68.10	Ledge, 20 ft. high, bears E. and W.; desc. 245 ft. over ledge and along broken E. slope.	
77.80	Small wash, drains E.	
78.04	Intersect the Seventh Standard Parallel South.	
	Point for the closing cor. of T. 36 S., R. 8 and 9 E.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.	
	T35S S1 S6 R8E R9E T36S 1957	
	from which	
	The S. C. of secs. 31 and 36, T. 35 S., R. 8 and 9 E., bears E. 24.67 chs. dist.	
	Land, broken E. slope of the Water Pocket Fold.	
	Soil, sandy silt, with exposed sandstone.	
	Timber, thinly scattered juniper and pinon.	
	Undergrowth, scattered black brush, mountain rush and cacti.	
	Portion of the Subdivision of T. 36 S., R. 8 E.	
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy., which is mkd. by an iron post, 2½ ins. diam., conforming to the record.	
	N. 0° 01' W., bet. secs. 35 and 36.	
	Over broken land, through thinly scattered juniper and pinon.	
	Desc. 120 ft. over broken N. slope.	
7.50	Rut road, bears W. and S. 30° E.	

Portion of the Subdivision, T36 S., R. 8 E.

Chains  
10.80

Draw, drains N. 80° W.; asc. 15 ft. over steep S. slope.

13.80

Spur, sloping NW.; desc. 105 ft. over NE. slope.

26.00

Wash, 30 lks. wide, 2 ft. deep, drains NW.

40.00

Point for the 1/4 sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T36S R8E  
1/4  
S35|S36  
1957

Land becomes rolling; asc. 15 ft. over rolling S. slope.

40.70

Rut road, bears S. 60° W. and N. 40° E.

45.90

Wash, 50 lks. wide, 3 ft. deep, drains S. 80° W.

69.90

Wash, 40 lks. wide, 2 ft. deep, drains S. 70° W.

70.50

Rut road, bears N. 40° E. and S. 70° W.

77.70

Wash, 30 lks. wide, 2 ft. deep, drains S. 45° W.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in exposed sandstone and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S R8E  
S26|S25  
S35|S36  
1957

Land, S. 1/2 broken, N. 1/2 rolling.  
Soil, sandy silt, with exposed sandstone.  
Timber, thinly scattered juniper and pinion; undergrowth, black brush, apple brush, mountain rush and cacti.

From the true point for the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.

S. 89° 56' W., bet. secs. 25 and 36.

Over broken land, through scattered juniper and pinon.

Asc. 120 ft. over E. slope.

6.00

Mesa rim, bears S. 40° W. and N. 40° E. By tri.; desc. 480 ft. over nearly vertical NW. facing ledge.

10.00

Base of ledge, thence desc. 440 ft. over steep boulder strewn NW. slope.

40.09

Point for the 1/4 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T36S R8E  
1/4  
S25  
S36  
1957

Desc. 155 ft. over rolling W. slope.

Portion of the Subdivision of T. 36 S., R. 8 E.

Chains 72.30	Wash, 30 lks. wide, 4 ft. deep, drains S. 45° W.	08.01
73.60	Same wash, drains N. 80° W.	08.01
78.70	Same wash, drains S. 70° W.	00.05
80.19	The cor. of secs. 25, 26, 35 and 36.	00.04
	Land, E. $\frac{1}{2}$ broken, W. $\frac{1}{2}$ rolling. Soil, sandy silt, with exposed sandstone. Timber, thinly scattered juniper and pinon. Undergrowth, scattered black brush, mountain rush, bitter brush and cacti.	
	From the true point for the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., from which its witness cor. bears N. 89° 51' E., 4.15 chs. dist., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 37 S., R. 8 E.	
	N. 0° 03' W., bet. secs. 32 and 33.	
	Over broken land, through thinly scattered juniper and pinon. By tri.; desc. 320 ft. over broken N. slope.	
6.50	Wash, drains SW.; asc. 400 ft. over broken S. slope.	
13.50	Top of steep S. slope; cont. ascent over broken S. slope.	
34.02	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 32 and 33.	
	Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed bedrock and supported in a mound of stone, 4 ft. base to top of post, with brass cap mkd.	
	T36S R8E W C $\frac{1}{4}$ S32 S33 1957	
34.10	Nearly vertical ledge, bears E. and W.; desc. 400 ft. over same.	
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33, falls on nearly vertical N. facing ledge where it is impractical to set the monument.	
46.00	Base of ledge, bears E. and W.; cont. to desc. 280 ft. over boulder strewn N. sloping talus.	
63.00	Wash, 30 lks. wide, 2 ft. deep, drains W. Land becomes rolling. Asc. 80 ft. along slight SW. slope.	
80.00	Point for the cor. of secs. 28, 29, 32 and 33.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.	
	T36S R8E S29 S28 S32 S33 1957	
	Land, broken ledges and boulder strewn slopes. Soil, boulder strewn sandy silt, with exposed sandstone. Timber, thinly scattered juniper and pinon. Undergrowth, scattered black brush, mountain rush, bitter brush and cacti.	

Portion of the Subdivision, T. 36 S., R. 8 E.

Chains

N. 0° 03' W., bet. secs. 28 and 29.

Over rolling land, through moderate dense juniper and pinon.

By chaining, asc. 120 ft. along slight SW. slope.

40.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T36S R8E

$\frac{1}{4}$

S29|S28

1957

Asc. 15 ft. over slight SW. slope.

46.40

Top of ascent; desc. 120 ft. over nearly vertical NW. facing ledge.

49.20

Wash, 30 lks. wide, 3 ft. deep, drains S. 70° W.; asc. 120 ft. over nearly vertical SE. facing ledge.

50.00

N. rim of wash, bears S. 70° W. and N. 70° E., thence over rolling land.

73.50

Wash, 30 lks. wide, 2 ft. deep, drains S. 40° W.

80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T36S R8E

S20|S21

S29|S28

1957

Land, rolling.

Soil, sandy silt.

Timber, moderate dense juniper and pinon.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

N. 0° 03' W., bet. secs. 20 and 21.

Over rolling land, through moderate dense juniper and pinon.

Asc. 80 ft. over slight SW. slope.

40.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed bedrock and supported in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T36S R8E

S20|S21

1957

Chains		and/or
80.00	<p>Asc. 80 ft. over slight SW slope.</p> <p>Point for the cor. of secs. 16, 17, 20, and 21.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.</p>	00.00
	<p>T36S R8E S17 S16 S20 S21 1957</p>	
	<p>Land, rolling. Soil, sandy silt. Timber, moderate dense juniper and pine. Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.</p>	
12.30	<p>N. 08:03! W. (bet. secs. 16 and 17)</p> <p>Over rolling land, through moderate dense juniper and pinon.</p> <p>Ledge, 20 ft. high, bears E. and W.; desc. over same, thence desc. 375 ft. over steep broken N. slope.</p>	00.00
16.70	<p>Base of steep N. slope, thence over rolling land.</p>	00.00
40.00	<p>Point for the ¼ sec. cor. of secs. 16 and 17.</p>	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.</p>	
	<p>T36S R8E ¼ S17 S16 1957</p>	
	<p>Cont. over rolling land.</p>	
64.90	<p>S. rim of ravine, desc. 90 ft. over steep N. slope.</p>	
67.90	<p>Wash in bottom of ravine, 20 lks. wide, 4 ft. deep, drains W.; asc. 125 ft. over steep S. slope.</p>	
75.60	<p>N. rim of ravine, bears E. and W., thence over rolling land.</p>	
80.00	<p>Point for the cor. of secs. 8, 9, 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.</p>	00.00
	<p>T36S R8E S 8 S 9 S17 S16 1957</p>	
	<p>Land, rolling, cut by ravines draining W. Soil, sandy silt, with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.</p>	

Portion of the Subdivision, T. 36 S., R. 8 E.

Chains	<p>N. 0° 03' W., bet. secs. 8 and 9.                      Over rolling land, through scattered juniper and pinon.</p>
11.10	S. rim of ravine, bears E. and W.; desc. 70 ft. over steep N. slope.
12.30	Wash, in bottom of ravine, drains S. 70° W.; asc. 80 ft. over broken S. slope.
17.30	N. rim of ravine, bears E. and W., thence over rolling land.
39.90	S. rim of ravine, bears E. and W.; desc. 10 ft. over broken N. slope.
40.00	Point for the ¼ sec. cor. of secs. 8 and 9.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.</p>
	<p>T36S R8E                      S8 S9                      1957</p>
41.60	Wash in the bottom of ravine, drains SW.; asc. 275 ft. over steep broken S. slope.
66.40	Spur, slopes NW, from ledges 50 lks. E.; desc. 190 ft. along E. side of spur sloping N.
80.00	Point for the cor. of secs. 4, 5, 8 and 9.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.</p>
	<p>T36S R8E                      S5 S4                      S8 S9                      1957</p>
	<p>Land, rolling, being cut by several deep ravines draining W. to NW. Soil, sandy silt, with broken ledges. Timber, scattered juniper and pinon. Undergrowth, scattered black brush, mountain-rush, bitter brush and cacti.</p>
	<p>N. 0° 03' W., bet. secs. 4 and 5.                      Over broken land, through scattered juniper and pinon.</p>
	Desc. 45 ft. over broken E. slope.
8.80	Wash, 30 lks. wide, 2 ft. deep, drains S. 30° W.; asc. 80 ft. over steep broken E. slope.
22.00	Spur, sloping S.; desc. 45 ft. along E. slope.
34.00	Wash, 20 lks. wide, 2 ft. deep, drains S. 10° E.; asc. 55 ft. along W. slope.
37.00	Spur, sloping W.; desc. 35 ft. over N. slope.
40.00	Point for the ¼ sec. cor. of secs. 4 and 5.

Portion of the Subdivision T. 36 S., R. 8 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T36S R8E

S5|S4

1957

40.30 Small wash, drains S. 80° W.; asc. 50 ft. over broken S. slope.

46.60 Low ridge, bears irregularly S. 40° W. and N. 40° E.; desc. 75 ft. along broken NW. slope,

53.80 Wash, 30 lks. wide, 4 ft. deep, drains S. 30° W.; asc. 35 ft. over SE. slope,

59.00 Spur, sloping SE.; desc. 20 ft. over NE. slope.

61.20 Same wash as above, drains S. 70° E.; asc. 20 ft. along W. slope.

67.10 Spur, slopes W. 2 chs. to wash; desc. 20 ft. over N. slope.

74.70 Same wash, drains S. 30° W.; asc. 10 ft. over S. slope.

78.87 Intersect the Seventh Standard Parallel South Point for the closing cor. of secs. 4 and 5, T. 36 S., R. 8 E. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T35S R8E

S32

S5|S4

T36S R8E

C C

1957

From which,

The standard sec. cor. of secs. 32 and 33, T. 35 S., R. 8 E., bears E. 24.37 chs. dist.

Land, rolling to broken. Soil, sandy silt, with exposed sandstone. Timber, scattered juniper and pinon. Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

The point for the cor. of secs. 1 and 2 on the N. bdy. of the township is on the Seventh Standard Parallel South and at proportionate dist. bet. the closing cor. of the township and the closing cor. of secs. 4 and 5.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground and in a collar of stone, with brass cap mkd.

T35S

S 31

S2|S1

T36S R8E

1957

From this cor. the standard sec. cor. of sec. 25, an iron post, 2½ ins. diam., conforming to the record, bears W. 15.40 chs. dist.

Portion of the Subdivision, T1036 S. 26 R. 8 E.

Chains

The point for the 1/4 sec. cor. of sec. 2 on the N. bdy. of the township, is on the Seventh Standard Parallel South and at proportionate dist. bet. the closing cor. of the Town 361 S. and the ends of the sec. closing cor. of secs. 4 and 5.

At the cor. point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T35S  
1/4 S2

T36S R8E  
1957

from which

The Standard 1/4 sec. cor. of sec. 35, an iron post, 2 1/2 ins. diam., conforming to the record, bears E. 24.56 chs. dist.

The point for the cor. of secs. 2 and 3 on the N. bdy. of the township is on the Seventh Standard Parallel South and at a proportionate dist. bet. the closing cor. of Town 361 S. and the ends of the closing cor. of secs. 4 and 5.

At the cor. point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T35S  
S 34  
S3 | S2

T36S R8E  
1957

from which

The standard 1/4 sec. cor. of sec. 34, an iron post, 2 1/2 ins. diam., conforming to the record, bears W. 15.48 chs. dist.

From the cor. of secs. 2 and 3 on the N. bdy. of the Tp.

S. 0° 01' E., bet. secs. 2 and 3.

Over broken land draining W., through scattered juniper and pinon.

50 Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. 105 ft. over broken N. slope.

16.00 Spur, sloping W.; desc. 80 ft. over S. slope.

24.80 Wash, 30 lks. wide, 4 ft. deep, drains W.; asc. 25 ft. along broken W. slope.

33.90 Spur, sloping W., desc. 10 ft. over S. slope.

38.37 Point for the 1/4 sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

Chains	T36S R8E	(cont.)
	<p>Cont. to desc. 45 ft. along W. slope.</p>	
48.00	<p>Wash, 20 lks. wide, 4 ft. deep, drains W.; cont. to desc. 90 ft. along W. slope.</p>	
73.00	<p>Wash, 30 lks. wide, 4 ft. deep, drains W. 60 ft. over steep N. slope.</p>	
78.37	<p>Point for the cor. of secs. 2, 3, 10 and 11.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.</p>	
	<p>T36S R8E</p> <p>S3 S2</p> <p>S10 S11</p> <p>1957</p>	
	<p>Land, broken.</p> <p>Soil, sandy silt, with exposed sandstone.</p> <p>Timber, scattered juniper and pinon.</p> <p>Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.</p>	
	<p>N. 89° 52' E., bet. secs. 2 and 11, on a theoretical parallel connecting the cors. of secs. 1, 6, 7 and 12, on the E. bdy. and the cor. of secs. 4, 5, 8 and 9, as specified in the special instructions.</p> <p>Over broken land, through scattered juniper and pinon.</p> <p>Asc. 105 ft. over broken W. slope.</p>	
20.80	<p>Base of steep ledgy W. slope; asc. 390 ft. over same.</p>	
40.00	<p>Point for the ¼ sec. cor. of secs. 2 and 11.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.</p>	
	<p>T36S R8E</p> <p>¼ S2</p> <p>¼ S11</p> <p>1957</p>	
	<p>Cont. to asc. 560 ft. over broken W. facing ledges.</p>	
80.00	<p>Point for the cor. of secs. 1, 2, 11 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.</p>	
	<p>T36S R8E</p> <p>S 2 S 1</p> <p>S11 S12</p> <p>1957</p>	
	<p>Land, broken, with W. slope.</p> <p>Soil, sandy silt, with exposed sandstone.</p> <p>Timber, scattered juniper and pinon.</p> <p>Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.</p>	

Portion of the Subdivision T. 36 S., R. 8 E.

Chains

N. 0° 06' W., bet. sec. 1 and 2.

Over broken land, through scattered juniper and pinon.

Desc. 335 Ft. along broken W. slope.

40.00

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T36S R8E

$\frac{1}{4}$  S16

1957

Cont. to desc. 75 ft. along W. slope.

48.20

Small wash in bottom of ravine, drains W.; asc. 50 ft. over S. slope.

57.80

Spur, slopes W.; desc. 130 ft. along W. slope.

76.00

Base of slope, thence over rolling land.

78.22

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

Land, broken W. slope.

Soil, sandy silt, with exposed sandstone.

Timber, scattered juniper and pinon.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

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

N. 89° 51' E., bet. secs. 16 and 21.

Over rolling land, through dense juniper and pinon.

30.50

Wash, 20 lks. wide, 2 ft. deep, drains S.

40.00

Point for the  $\frac{1}{4}$  sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S R8E

$\frac{1}{4}$  S16

S21

1957

41.35

Jeep road, bears S. 30° W. and N. 30° E.

43.80

Wash, 50 lks. wide, 10 ft. deep, drains S.

58.48

Wash, 30 lks. wide, 4 ft. deep, drains S. 30° W.

71.00

Wash, drains SW.

77.70

Rim of small canyon, bears N. 80° E. and S. 80° W.; desc. 30 ft. over broken ledge and steep S. sloping talus.

80.00

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

Portion of the Public Lands of the U.S.

Chains	<p style="text-align: right;">T36S R8E S16 S15 S24 S22 1957</p> <p>Over broken land, through moderate juniper and pinon.</p> <p>Land, rolling. Soil, sandy silt, with exposed sandstone in the portion of the mile. Timber, moderate to dense juniper and pinon. Undergrowth, black brush, bitter brush, mountain rush and cacti.</p>	Chain
	<p>N. 0° 02' W., bet. secs 15 and 16.</p> <p>Over rolling land, through moderate juniper and pinon.</p>	
5.00	Wash, 30 lks. wide, 3 ft. deep, drains S. 80° W.	
23.50	Wash, 20 lks. wide, 2 ft. deep, drains S. 40° E.	
32.80	Wash, 20 lks. wide, 2 ft. deep, drains S. 45° W.	
40.00	Point for the 1/2 sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.	
	<p>T36S R8E S16 S15 1957</p>	
	Cont. to asc. over rolling S. slope.	
60.00	Top of ledge, bears S. 45° W. and E. approximately 300 chs., thence N.; desc. 120 ft. over N. facing ledge.	
62.00	Base of ledge, thence along broken W. facing ledges.	
78.50	Wash, 20 lks. wide, 2 ft. deep, drains S. 45° W.	
80.00	Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.	
	<p>T36S R8E S 9 S10 S16 S15 1957</p>	
	Land, rolling. Soil, sandy silt, with exposed sandstone in the portion of the mile. Timber, moderate dense juniper and pinon. Undergrowth, black brush, bitter brush, mountain rush and cacti.	
	S. 89° 53' W., bet. secs. 9 and 16	
	Over broken land, through moderate dense juniper and pinon.	
8.20	Desc. 325 ft. along broken W. slope of spur. Base of steep descent, thence desc. 100 ft. over rolling W. slope.	
40.00	Point for the 1/2 sec. cor. of secs. 9 and 16.	

Portion of the Subdivision T. 36 S., R. 8 E.

Chains

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base to top of post, with brass cap mkd.

T36S R8E

S16

1957

Cont. to desc. 120 ft. over rolling W. slope.

75.50

Wash, 40 lks. wide, 5 ft. deep, drains S. 70° W.

80.01

The cor. of secs. 8, 9, 16 and 17.

Land, rolling.

Soil, sandy silt, with exposed sandstone in the E. portion of the mile. Timber, moderate dense juniper and pinon.

Undergrowth, blackbrush, bitter brush, mountain rush and cacti.

From the true point for the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., from which its witness cor. bears N. 89° 51' E., 6.35 chs. dist., monumented by an iron post, 2 1/2 ins. diam., set, mkd. and witnessed and described in the field notes of T. 37 S., R. 8 E.

N. 9° 03' W., bet. secs. 31 and 32.

Over S. facing sandstone ledges.

By traverse; asc. 420 ft. over broken sandstone ledges.

15.00

Sandstone knob; desc. 80 ft. over N. slope.

29.30

Point selected for the witness 1/2 sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S R8E

W C

1/2

S31|S32

1957

30.00

N. rim of mesa, bears E. and W., by tri. desc. 400 ft. over nearly vertical N. facing ledges.

40.00

True point for the 1/2 sec. cor. of secs. 31 and 32, falls on N. facing ledge where it is impractical to set the monument.

45.00

Land becomes rolling.

54.00

Wash, 30 lks. wide, 3 ft. deep, drains W.

80.00

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S R8E

S30|S29

S31|S32

1957

Land, broken, with high nearly vertical ledges.

Soil, sandy silt, with exposed sandstone.

Timber, scattered juniper and pinon.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

Portion of the Subdivision, T. 36 S., R. 8 E.

Chains

From the cor. of secs. 28, 29, 32 and 33, mkd. by an iron post, 2 1/2 ins. diam., conforming to the records.

S. 89° 49' W., bet. secs. 29 and 32.

Over rolling land, through scattered juniper and pinon.

30.90 Small wash, drains S.

39.98 Point for the 1/4 sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T36S R8E

\$29

\$32

1957

Cont. over rolling land.

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

Land, rolling.

Soil, sandy silt.

Timber, scattered juniper and pinon.

Undergrowth, scattered black brush, bitter brush, mountain rush and cacti.

General Description

The land of T. 36 S., R. 8 E. is for the most part rolling, being broken by canyons and ledges. The general elevation of the township ranges from 4,500 ft. above sea level in the bottom of Moody Creek in the SW. corner of the township to a maximum of 7,243 ft. on Deer Point, a small mesa located in section 1. There are three physiographic features worthy of note within the township; most of the land of section 27 is in the form of a sandstone pinnacle, which rises approximately 400 ft. above the surrounding land and is known as Purple Hills. There are three erosional scarps, with nearly vertical ledges, ranging from 200 to 400 ft. high, of considerable length in the township. The first and largest enters the township at the S. boundary in the vicinity of the 1/4 section corner of sections 4 and 33 and bears N. 45° E. approximately 1 mile, thence curves SW. to W. for 2 1/2 miles, thence S. 1/2 mile, leaving the township near the 1/4 section corner of sections 6 and 31. The second scarp bears irregularly along the S. three miles of the W. boundary. The third and lesser of the three scarps is formed by Moody Creek and begins in the area of the SE. corner of section 30 and bears N. approximately 1 1/2 miles, thence N. 45° E. to a point near the NE. corner of sections 16 thence N. irregularly 1/2 mile, thence E. to a point near the SW. corner of section 2, where the scarp breaks away forming a series of broken ledges.

The township drainage system consists of two large canyons and their tributaries. Middle Moody Creek heads in the vicinity of section 1 and drains S. to SW., leaving the township at the S. boundary in the vicinity of the 1/4 section corner of sections 3 and 34. Moody Creek enters the township at the N. boundary near the NW. corner and drains S. to SE. approximately 3 miles, thence SW., leaving the township at the W. boundary near the SW. corner.

## Township 36 South, Range 8 East

Chains

The soil of the township is principally a shallow, residual sandy silt and produces a vegetational cover of moderate to dense growth of juniper, pinon, black brush, bitter brush, mountain rush, gama grass, with groves of scrub oak, cottonwood and tamarisk along the drainage.

There were no permanent sources of water encountered during the survey, although it is very probable that there are seeps and springs along the bottoms of the canyons.

There is one fair and several jeep and trail roads throughout the township. The main road enters the township at the N. boundary near the NW. corner and bears S. to SE. following Moody Creek to a point near the  $\frac{1}{4}$  section corner of sections 30 and 31. Even though there has been considerable activity in prospecting for uranium and related minerals in recent years there are no producing mines or patented claims. The economic value of the land is in the utilization of the forage for the grazing of cattle.

Chains

Chains

The soil of the formation is principally a siliceous sandstone, and produces a vegetation of scrub oak, cottonwood and tall grasses, with groves of scrub oak, cottonwood and tall grasses.

There were no permanent sources of water encountered during the survey, although it is very probable that there are some along the bottom of the canyon.

There is one fault and several deep and small faults along the chain. The main fault enters the formation at the N. corner of the NW corner and bears N. 30. W. for a distance of about 1/2 mile. Near the E. corner of section 33 and 34, there has been considerable activity in the past. In recent years there has been no activity. The formation is in the position of a fault, and the fault is in the position of a fault.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Principal Assistant
Farrell D. Reynolds	Chainman
Dale Barney	Flagman
Clement J. Davis	Axeman
Wilmer R. Baker	Cornerman
Max E. Swindle	Principal Assistant
Richard J. Munson	Chainman
Gerald O. Barney	Flagman
Ortho J. Hatch	Axeman
Parley Pratt	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

We X Fred R. Chappell and Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1956,

we have surveyed the east boundary and a portion of the subdivision of Township 36 South, Range 8 East

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 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.

January 3, 1958  
Salt Lake City, Utah

*Craig P. Sylvester*  
Craig P. Sylvester, Cartographic Surveyor  
*Fred R. Chappell*  
Fred R. Chappell, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., 19

The foregoing field notes of the survey of

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

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in  
, is a true copy of the original field notes.

Cadastral Engineering Staff Officer

## CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1956 I have ~~surveyed~~ supervised the survey of the east boundary and a portion of the subdivision of T. 36 S., R. 8 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 supervision~~ under my supervision; 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.

January 3, 1958

Salt Lake City, Utah

Vern E. Lane  
Vern E. Lane

Cadastral Surveyor (Chief of Party)

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 30 1958, 19  

The foregoing field notes of the survey of the east boundary and a portion of the subdivision of T. 36 S., R. 8 E.

executed ~~by me~~ under the supervision of Vern E. Lane, Cadastral Surveyor (Chief of Party) having been critically examined and found correct, are hereby approved.

Earl G. Harvington  
Cadastral Engineering Staff Officer.

### CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
Cadastral Engineering Staff Officer.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY

OF

THE NORTH AND EAST BOUNDARIES

AND

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 37 SOUTH, RANGE 10 EAST

Of the Salt Lake Meridian,

In the State of Utah

### EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Boyd S. Owens - Cartographic Survey Aid

Alburn D. Griffin - Cartographic Survey Aid

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 11, 1957

Survey commenced September 16, 1957

Survey completed October 10, 1957

# INDEX DIAGRAM

*Township* ..... 37 South ..... , *Range* ..... 10 East .....

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19	20	16 21	11 22	23	24 3
20	29	28	11 27	26	25 2
21	19 18 22	17 28	10 24	25	10 9 26 1

10-38770-1

Boyd S. Owens \_\_\_\_\_

Alburn D. Griffin \_\_\_\_\_

Township 37 South, Range 10 East

Chains

The south boundary of the township was surveyed by E. Bird and R. C. Yundt in 1923. A portion of this boundary was resurveyed by Boyd S. Owens in 1957 and is described in the completion survey of T. 38 S., R. 10 E. The west boundary was surveyed concurrently with this survey by Dell Cazier and is described in the field notes of the survey of T. 37 S., R. 9 E.

The following field notes are those of the survey of the east and north boundaries and a portion of the subdivision of T. 37 S., R. 10 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered state school sections.

The survey was executed with W. and L. E. Gurley transits, serial Nos. 541325 and 541331, both equipped with improved telescopic solar attachments constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition prior to the survey and were maintained in proper adjustment throughout the progress of the survey.

The directions of all lines of the survey were determined generally by sustained angulation carried forward from observations upon the sun and Polaris.

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

Measurements were made with a steel tape, 8 chs. in length, graduated every link for the first 100 lks., and thereafter at intervals of 10 lks. The tapes were tested by comparison with a 1 ch. standard steel tape and found to be correct. Measurements were made on the slope, the vertical angle of each interval was ascertained by clinometers maintained in good adjustment, and the horizontal equivalents only are entered in this field note record. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible to chaining were run by traverse or triangulation. The details of such traverses or triangulations have been thoroughly verified, and in order to simplify the record, the diagrams and reductions are omitted from these field notes.

The geographic position of the SE. cor. of the township is in latitude 37° 32' 26.0" N. and longitude 110° 45' 13.6" W. as determined by traverse from U.S.G.S. triangulation station "Pine", located in sec. 36, T. 36 S., R. 10 E.

The mean magnetic declination was read at a number of stations within the township, and the mean of the readings was found to be 15° E.

Survey of the East Boundary, T. 37 S., R. 10 E.

Beginning at the cor. of Ts. 37 and 38 S., Rs. 10 and 11 E., mkd. by an iron post, 3 ins. diam., conforming to the record.

North, bet. secs. 31 and 36.

Over gently rolling land, draining SW.

40.00

Point for the cor. of secs. 31 and 36.

East Boundary, T. 37 S., R. 10 E.

Chains		antianO
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E R11E S36 S31 1957</p>	
40.50	Wash, 20 lks. wide, 4 ft. deep, course SW.	
47.10	Wash, 30 lks. wide, 10 ft. deep, course SW.	
80.00	Point for the cor. of secs. 25, 30, 31 and 36.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, to bedrock, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E R11E S25 S30 S36 S31 1957</p> <p>No accessories available.</p> <p>Land, rolling. Soil, sand. Timber, none.</p>	
	<p>North, bet. secs. 25 and 30.</p> <p>Over rolling land, draining SW.</p>	
6.30	Wash, 50 lks. wide, 6 ft. deep, course SW.	
40.00	Point for the ¼ sec. cor. of secs. 25 and 30.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to bedrock, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E R11E S25 S30 1957</p>	
	Bury charcoal at the base of the iron post.	
80.00	Point for the cor. of secs. 19, 24, 25 and 30.	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E R11E S24 S19 S25 S30 1957</p>	
	Deposit a sandstone, 10x8x6 ins., mkd. with a cross (X) alongside the post.	00.00

## East Boundary, T. 37 S., R. 10 E.

Chains

Land, rolling.  
Soil, sand.  
Timber, none.

North, bet. secs. 24 and 19.

Over rolling land,

11.40 Wash, 10 lks. wide, 1 ft. deep, course SW.

23.40 Trail road, bears NE. and SW.

31.20 Wash, course SW.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S  
R10E R11E  
 $\frac{1}{4}$   
S24 | S19  
1957

Asc. 100 ft. over SW. slope.

80.00 Point for the cor. of secs. 13, 18, 19 and 24.

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

T37S  
R10E R11E  
S13 | S18  
S24 | S19  
1957

Bury charcoal at the base of the iron post.

Land, rolling.  
Soil, sand and exposed sandstone.  
Timber, none.

North, bet. secs. 13 and 18.

Over rolling land; asc. 60 ft. over SW. slope.

22.90 Top of ascent, bears NW. and SE.; desc. 120 ft. along W. side of a wash, draining SE.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 13 and 18.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T37S  
R10E R11E  
 $\frac{1}{4}$   
S13 | S18  
1957

51.00 Spur, sloping W., 320 ft. above the  $\frac{1}{4}$  sec. cor.; thence along W. side of high rough butte.

East Boundary, T37 S., R. 10 E.

Chains		Station
80.00	<p>Point for the cor. of secs. 7, 12, 13 and 18, falls on W. wall of butte and is inaccessible.</p> <p>Land, rolling in S., broken in N. Soil, sand and exposed sandstone. Timber, none.</p>	
9.30	<p>North, bet. secs. 7 and 12.</p> <p>Over rough broken land; asc. along W. wall of high butte.</p>	
9.40	<p>Rim of butte, facing SW., bears N. 70° W. and S.</p> <p>Point selected for the witness cor. of secs. 7, 12, 13 and 18.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p>	
<p>T37S R10E R11E S12   S 7 S13   S18 W C 1957</p>		
16.00	<p>Continue over top of butte.</p> <p>Rim of butte, facing NW., bears W. and N. irregularly along line; desc. along wall of butte.</p>	
40.00	<p>Point for the ¼ sec. cor. of secs. 7 and 12 is inaccessible.</p>	
41.00	<p>Point selected for the witness ¼ sec. cor. of secs. 7 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p>	
<p>T37S R10E R11E S12   S 7 W C 1957</p>		
80.00	<p>Continue along broken wall of butte, facing W.</p> <p>Point for the cor. of secs. 11, 6, 7 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p>	
<p>T37S R10E R11E S11   S 6 S12   S 7 1957</p>		
<p>Land, rough and broken. Soil, shallow sand and exposed sandstone. Timber, none.</p>		

East Boundary, T. 37 S., R. 10 E.

Chains

North, bet. secs. 1 and 6.

Over rough broken land; asc. along broken W. side of butte.

15.90 Top of butte, bears NW. and S. 10° E.

17.90 Rim of butte, facing NE., bears NW. and SE.; desc. 400 ft. abruptly.

35.00 Enter rolling land, bears NW. and SE.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 6.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, and in a collar of stone, with brass cap mkd.

T37S  
R10E R11E  
1/4  
S 1 | S 6  
1957

Over rolling sandy land, cut by numerous small washes, draining SE.

80.00 Point for the cor. of Ts. 36 and 37 S., Rs. 10 and 11 E.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, and in a small mound of stone, with brass cap mkd.

T36S  
R10E R11E  
S36 | S31  
S 1 | S 6  
1957

Deposit a sandstone, 8x4x2 ins., mkd. with a cross (X) at the base of the post.

From this cor., U.S.G.S. triangulation station "Pine" bears N. 75° 14' W., 82.13 chs. dist., a brass tablet, conforming to the record.

Land, rough and broken in S.; rolling in N.  
Soil, sand and exposed sandstone.  
Timber, none.

North Boundary, T. 37 S., R. 10 E.

From the cor. of Ts. 36 and 37 S., Rs. 10 and 11 E.

N. 89° 59' W., bet. secs. 1 and 36.

Over rolling land; asc. 100 ft. over E. slope.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E  
1/4 S36  
S 1  
T37S  
1957

Asc. 480 ft. over broken E. slope.

65.00 Rim, facing E., bears N. and S.; asc. 320 ft. over ledgy E. slope.

North Boundary, S. 37-8., R. 10 E.

Chains		Chain
79.20	E. edge of butte, bears N. and S.; thence over top of butte,	
80.00	Point for the cor. of secs. 1, 2, 35 and 36.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.	
	<p style="text-align: center;">T36S R10E  S35   S36  S 2   S 1  T37S  1957</p>	
	Land, rolling in E., rough and broken in W. Soil, sand and exposed sandstone. Timber, none.	
	N. 89° 59' W., bet. secs. 2 and 35.	
	Over rough broken land on top of butte.	
10.20	W. edge of butte, bears N. and SE.; desc. 320 ft. over steep ledgy W. slope.	
40.00	Point for the ¼ sec. cor. of secs. 2 and 35.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, with brass cap mkd.	
	<p style="text-align: center;">T36S R10E  S35  S 2  T37S  1957</p>	
	Build a mound of stone, 4 ft. base, around the iron post, to top.	
	Desc. 240 ft. over rocky ledgy W. slope.	
65.00	Rim of Bullfrog Canyon, facing W., bears NE. and SE.; desc. 400 ft. abruptly.	
74.00	Enter rolling land, bears NE. and SW.	
80.00	Point for the cor. of secs. 2, 3, 34 and 35.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, with brass cap mkd.	
	<p style="text-align: center;">T36S R10E  S34   S35  S 3   S 2  T37S  1957</p>	
	Land, rough and broken. Soil, sand and exposed sandstone. Timber, thinly scattering scrub juniper.	
	N. 89° 59' W., bet. secs. 3 and 34.	
	Over rolling bottom of Bullfrog Canyon.	
2.50	Bullfrog Creek, an intermittent stream, course S. 20° W., asc. 160 ft. over E. slope.	00.00 asc. 160

North Boundary, T. 37 S., R. 10 E.

Chains

- 26.00 Asc. 320 ft. abruptly over W. wall of Bullfrog Canyon.
- 36.70 Rim of Bullfrog Canyon, facing E., bears N. 20° E., and S. 20° W.; asc. 30 ft.
- 40.00 Point for the 1/4 sec. cor. of secs. 3 and 34.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 5 ft. base to top, with brass cap mkd.

T36S R10E  
 1/4 S34  
 S 3  
 T37S  
 1957

Over rolling land on broken exposed sandstone surface.

- 46.00 Wash, drains S.
- 58.90 Sandstone outcrop, extends N. and S.; desc. 100 ft. over W. slope.
- 73.40 Wash, 30 lks. wide, 1 ft. deep, course S. 20° W.; asc. 80 ft.
- 80.00 Point for the cor. of secs. 3, 4, 33 and 34.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E  
 S33|S34  
 S 4|S 3  
 T37S  
 1957

Land, broken.  
 Soil, shallow sand and exposed sandstone.  
 Timber, a few scattered scrub juniper.

N. 89° 59' W., bet. secs. 4 and 33.

Over broken land with considerable exposed sandstone.

- 1.80 Spur, slopes SW.; desc. 320 ft. over W. slope.
- 24.00 Wash, course S.; asc. 320 ft. over SE. slope.
- 40.00 Point for the 1/4 sec. cor. of secs. 4 and 33.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E  
 1/4 S33  
 S 4  
 T37S  
 1957

Continue along SE. slope.

- 54.90 Minor spur, slopes SW.; thence over a series of small washes, draining S.
- 76.90 Wash, course S.

North Boundary, T. 37 S., R. 10 E.

Chains

chain O

80.00

Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R10E

S32 | S33

5 | 4

T37S

1957

Land, broken.  
Soil, shallow sand and exposed sandstone.  
Timber, none.

N. 89° 59' W., bet. secs. 5 and 32.

Over rough broken land,

4.50

Rim of Long Canyon, facing SW., bears NW. and SE.; desc. 320 ft. over cliff and steep SW. slope.

14.00

Wash, in the bottom of Long Canyon, course SE.; asc. 400 ft. over steep broken NE. slope and cliff.

40.00

Point for the 1/4 sec. cor. of secs. 5 and 32, is inaccessible.

50.00

Point selected for the witness 1/4 sec. cor. of secs. 5 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

S32 | W

5 | 4

T37S

1957

Cor. is located on rim of Long Canyon, facing NE., bears NW. and SE.; thence over broken land, sloping S.

80.00

Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E

S31 | S32

5 | 5

T37S

1957

Land, rough and broken.  
Soil, shallow sand and considerable exposed sandstone.  
Timber, a few thinly scattered scrub juniper.

N. 89° 59' W., bet. secs. 6 and 31.

Over broken land, sloping S.; through thinly scattered scrub juniper.

North Boundary, T. 37 S., R. 10 E.

Chains

33.80 Wash, course SE.; asc. 110 ft. over ledgy SE. slope.

40.00 Point for the 1/4 sec. cor. of secs. 6 and 31.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R10E  
 1/4 S31  
 S 6  
 T37S  
 1957

Asc. 240 ft. over broken SE. slope.

77.33 The cor. of Ts. 36 and 37 S., Rs. 9 and 10 E., an iron post, 2 1/2 ins. diam., described in the field notes of the survey of the E. bdy. of T. 37 S., R. 9 E.

Land, broken.  
 Soil, shallow sand and considerable exposed sandstone.  
 Timber, thinly scattered scrub juniper.

Portion of the Subdivision of T. 36 S., R. 10 E.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, an iron post, 2 ins. diam., conforming to the record.

N. 0° 01' W., bet. secs. 35 and 36.

Over rolling land with E. exposure.

13.70 Wash, 30 chs. wide, 2 ft. deep, course SE.

40.00 Point for the 1/4 sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

T37S R10E  
 1/4 S35 | S36  
 1957

No accessories available.

Continue over rolling land.

70.80 Bullfrog Creek, 1.50 chs. wide, 4 ft. deep, dry, course SE.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

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

T37S R10E  
 S26 | S25  
 S35 | S36  
 1957

Bury a sandstone, 8x6x1 ins., mkd. with a cross (X) alongside the post.

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains

and

No other accessories available.

06.00

Land, rolling.  
Soil, sand.

00.00

Timber, none.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.

West, bet. secs. 25 and 36.

Over rolling land.

39.97 Point for the 1/4 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, and encircled with a collar of stone, with brass cap mkd.

T37S R10E  
S25  
S36  
1957

Continue over rolling land.

79.94 The cor. of secs. 25, 26, 35 and 36.

Land, rolling.  
Soil, sand.  
Timber, none.

From the true point for the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, from which its reestablished witness corner bears S. 89° 58' E., 0.84 chs. dist., an iron post, 2 1/2 ins. diam., described in the field notes of T. 38 S., R. 10 E.

N. 0° 02' W., bet. secs. 33 and 34.

2.90 Top of ledge, 80 ft. above the true point, facing SW.; asc. 320 ft. over broken S. slope.

35.00 Top of ascent, bears E. and W.

37.20 Rim, facing NE., bears NW. and S. 70° E.; desc. 40 ft. over ledges.

38.50 Point selected for the witness 1/4 sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E  
S33 S34  
W C  
1957

Continue along impassable ledges.

40.00 Point for the 1/4 sec. cor. of secs. 33 and 34 is inaccessible.

67.80 Same rim, facing SE., bears S. 20° W. and NE.; thence over rolling land.

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains	
80.00	<p>Point for the cor. of secs. 27, 28, 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E S28 S27 S33 S34 1957</p> <p>Bury charcoal at the base of the iron post.</p> <p>Land, broken and rolling. Soil, sand. Timber, none.</p>
24.70	<p>N. 0° 02' W., bet secs. 27 and 28.</p> <p>Over rolling land.</p> <p>Top of slope, bears E. and W.; desc. 120 ft. over N. slope.</p>
32.50	<p>Base of slope, bears E. and W.; thence over rolling land.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E S28 S27 1957</p> <p>Continue over rolling land.</p>
80.00	<p>Point for the cor. of secs. 21, 22, 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T37S R10E S21 S22 S28 S27 1957</p> <p>Bury charcoal at the base of the iron post.</p> <p>No other accessories available.</p> <p>Land, rolling. Soil, sand. Timber, none.</p>
28.90	<p>N. 0° 02' W., bet. secs. 21 and 22.</p> <p>Over rolling land; desc. 100 ft.</p> <p>Wash, 70 lks. wide, 1 ft. deep, course NW.; thence along broken W. slope.</p> <p>36.60 Same wash, course E.; asc. 70 ft. over SE. slope.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 21 and 22.</p>

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains

21210

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

T37S R10E

S21 | S22  
1957

Asc. 20 ft. along SE. slope.

48.20 Spur, slopes NE.; desc. 80 ft. over N. slope.

60.20 Wash, 4 chs. wide, 4 ft. deep, course S. 80° E., asc. 160 ft. over broken S. slope.

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

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

T37S R10E

S16 | S15  
S21 | S22  
1957

Land, rolling and broken.

Soil, sand.

Timber, none.

N. 0° 02' W., bet. secs. 15 and 16.

Over broken land; asc. 130 ft. over general S. slope.

29.40 Top of narrow ridge, bears E, and SW.; desc. 130 ft. over ledges facing N.

34.90 Base of ledges; desc. 30 ft.

40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E

S16 | S15  
1957

Desc. 40 ft.

44.20 Wash, 50 lks. wide, 50 ft. deep, course E.; asc. 130 ft. over broken SE. slope.

58.20 Spur, slopes E. from SW.; desc. 150 ft. over NE. slope.

74.10 Wash, 30 lks. wide, 1 ft. deep, course E.

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

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

00.00

Portion of the Subdivision, T. 37 S., R. 10 E.

Chains

T37S R10E.

S 9 | S10

S16 | S15

1957

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling and broken land; asc. 30 ft.

12.40 Top of ascent, bears E. and W.; desc. 70 ft. over N. slope.

22.30 Wash in the bottom of Long Canyon, 1 ch. wide, 1 ft. deep, course E.; asc. 110 ft. over broken S. slope.

27.00 Rim of canyon, bears E. and W.

40.00 Point for the 1/4 sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R10E

S 9 | S10

1957

48.60 Wash, drains W. to Long Canyon.

57.90 Rim of Long Canyon, facing N., bears W. and curves to N.; desc. 70 ft. over ledges.

62.70 Wash, in the bottom of Long Canyon, course SW. from NW.; asc. 80 ft. over ledges.

67.90 Spur, slopes W.

77.20 Rim of Long Canyon, facing S., bears E. and NW. on curve to N.; asc. 50 ft. over ledges.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E

S 4 | S 3

S 9 | S10

1957

Cor. is located on E. side of the wash in the bottom of Long Canyon, course SW. from NW.

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

N. 0° 05' E., bet. secs. 3 and 4.

Over broken land; asc. 100 ft. over broken S. slope.

Portion of the Subdivision of T. 33 S., R. 10 E.

Chains

35.50

Spur, slopes SW.; thence along broken W. slope.

40.00

Point for the 1/4 sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E

S 4 | S 3

1957

Asc. 110 ft. along broken W. slope.

68.80

Wash, course S. 10° W.; asc. 160 ft. over broken SE. slope.

79.98

The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the township.

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

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

S. 0° 01' E., bet. secs. 1 and 2.

Over rough broken land; asc. 40 ft. over top of butte.

3.50

Rim of butte, bears NE. and NW.; desc. 550 ft. over steep ledgy S. slope.

40.00

Point for the 1/4 sec. cor. of secs. 1 and 2, falls on inaccessible face of sandstone boulder.

40.70

Point selected for the witness 1/4 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E

S 2 | S 1

1957

Desc. 30 ft.

42.60

Rim, facing S., bears SW. and E.; desc. 480 ft. abruptly.

68.00

Base of descent, bears SW. and NE.; thence over nearly level land.

79.90

Point selected for the witness cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 2 1/2 ft. base to top, with brass cap mkd.

T37S R10E

S 2 | S 1

S 11 | S 12

W.C.

1957

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains  
80.00

Point for the cor. of secs. 1, 2, 11 and 12, at a distance calculated to intersect a theoretical parallel connecting the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10, falls on a sandstone outcropping where the corner cannot be monumented.

Land, rough and broken, in N., nearly level in S.  
Soil, sand and exposed sandstone.  
Timber, none.

N. 89° 59' W., bet. secs. 2 and 11, on a parallel calculated to intersect the cor. of secs. 3, 4, 9 and 10.

Over rolling land.

1.00 Sandstone knob, 50 ft. high; thence over rolling land, draining W.

5.30 Wash, 80 lks. wide, 2 ft. deep, from S. 70° E., drains W. on line.

17.70 Leave wash, drains to SW.; continue over rolling land.

40.00 Point for the ¼ sec. cor. of secs. 2 and 11.

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

T37S R10E  
¼ S 2  
S11  
1957

Bury charcoal at the base of the iron post.

52.30 Wash, 50 lks. wide, 1 ft. deep, course SW.

67.70 Bullfrog Creek, dry, 2 chs. wide, 3 ft. deep, course SE. from N. 10° W.; asc. 100 ft. over NE. slope.

73.20 Top of ascent; thence over rolling land.

80.00 Point for the cor. of secs. 2, 3, 10 and 11.

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

T37S R10E  
S 3 | S 2  
S10 | S11  
1957

Land, rolling.  
Soil, sand and exposed sandstone.  
Timber, none.

N. 0° 04' W., bet. secs. 2 and 3.

Over rolling land and across a series of low spurs and small washes putting E.

40.00 Point for the ¼ sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains

entire

T37S R10E  
 S31 S 21  
 1957

63.80 Bullfrog Creek, dry, 2 chs. wide, 3 ft. deep, course S. 30° E.; continue along the E. side of Bullfrog Creek.

80.01 The cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.  
 Land, rolling.  
 Soil, sand.  
 Timber, none.

From the cor. of secs. 15, 16, 21, and 22,  
 N. 89° 58' W., bet. secs. 16 and 21.  
 Over rolling land with southerly exposure.

31.30 Wash, 30 lks. wide, 6 ft. deep, course S.

40.00 Point for the 1/4 sec. cor. of secs. 16 and 21.  
 Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R10E  
 1/4 S16  
 S21  
 1957

Continue along a S. slope.

56.80 Spur, slopes SW.; desc. over a slight W. slope.

79.60 Wash, 30 lks. wide, 3 ft. deep, course S.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.  
 Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E  
 S17 | S16  
 S20 | S21  
 1957

Land, rolling.  
 Soil, sand.  
 Timber, none.

N. 0° 03' W., bet. secs. 16 and 17.  
 Over broken land; asc. 200 ft. over S. slope.

29.30 Spur, slopes SW.; thence along a W. slope.

40.00 Point for the 1/4 sec. cor. of secs. 16 and 17.

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R10E

½ S17 | S16  
1957

55.80 Wash, drains S. 80° W.; asc. 100 ft. over a S. slope.

78.10 Low spur, slopes S. 70° W.; desc. 20 ft.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R10E

S 8 | S 9  
S17 | S16  
1957

Land, broken.  
Soil, sand and exposed sandstone.  
Timber, none.

From the cor. of secs. 9, 10, 15 and 16.

N. 89° 59' W., bet. secs. 9 and 16.

Over nearly level land.

18.30 Base of steep ascent, bears N. and S.; asc. 270 ft. over rough E. slope.

37.00 Top of ascent, bears N. and S.; desc. 10 ft.

40.00 Point for the ¼ sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T37S R10E

¼ S 9  
S16  
1957

Thence along a slight S. slope.

70.00 Low spur, slopes S. 80° W.; desc. 40 ft. along a N. slope.

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, rolling and broken.  
Soil, sand and exposed sandstone.  
Timber, none.

From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 32 and 33.

Portion of the Subdivision of T. 17 S., R. 10 E.

Chains

unadO

- 37.50 Over rolling land, desc. 70 ft. over gentle N. slope, wash, 10 lks. wide, 2 ft. deep, course NE.
  - 40.00 Point for the 1/2 sec. cor. of secs. 32 and 33.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.  
T37S R10E  
S32 | S33  
1957
  - 42.70 Bottom of ravine, 20 lks. wide, 2 ft. deep, course E.; asc. 130 ft. over SE. slope.
  - 60.40 Top of ascent, bears E. and W.; desc. 130 ft. over NE. slope.
  - 71.10 Wash, 50 lks. wide, 3 ft. deep, course SE.; asc. 50 ft. over SW. slope.
  - 80.00 Point for the cor. of secs. 28, 29, 32 and 33.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.  
T37S R10E  
S29 | S28  
S32 | S33  
1957
- Land, broken.  
Soil, sand and rocky.  
Timber, none.
- 
- From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.  
N. 0° 03' W., bet. secs. 31 and 32.
  - 16.50 Over broken top of Hall Mesa; desc. 60 ft. over N. slope.  
Draw, drains E.; asc. 100 ft. over a S. slope.
  - 32.30 Sandstone spur, slopes E.; desc. 30 ft. over a N. slope.
  - 40.00 Point for the 1/2 sec. cor. of secs. 31 and 32.  
Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 3 1/2 ft. base to top, with brass cap mkd.  
T37S R10E  
S31 | S32  
1957
  - Desc. 60 ft.
  - 45.30 Draw, drains NE.; asc. 60 ft. over S. slope.
  - 50.00 Spur, slopes NE.; desc. 40 ft.
  - 62.00 Wash, drains NE.; asc. 50 ft. over S. slope.

Portion of the Subdivision of T. 37 S., R. 10 E.

Chains

67.00

Spur, slopes NE.; desc. 70 ft. over N. slope.

80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R10E  
S30|S29  
S31|S32  
1957

Land, broken top of Hall Mesa.  
Soil, sand and exposed sandstone.  
Timber, none.

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

S. 89° 55' W., bet. secs. 29 and 32.

Over broken top of Hall Mesa; desc. 40 ft.

6.20

Wash, drains SE., 30 lks. wide, 2 ft. deep; asc. 130 ft. over SE. slope.

39.98

Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on sandstone surface, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R10E  
¼ S29  
S32  
1957

Asc. 110 ft. over SE. slope.

71.00

Spur, slopes NE.; desc. 20 ft.

79.96

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

Land, broken top of Hall Mesa.  
Soil, sand and exposed sandstone.  
Timber, none.

GENERAL DESCRIPTION

The land within this township consists of the rough broken top of Hall Mesa in the west and the drainage and rims comprising Long Canyon and Bullfrog Canyon in the east. The general elevation is between 3600 and 5100 ft. above sea level.

The surface is used principally for winter stock grazing.

There are numerous uranium claims staked within the township, but none were being worked commercially at the time of the survey.

No water was found within the township.





### CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1956

I have surveyed the north and east boundaries and a portion of the subdivision of Township 37 South, Range 10 East

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

December 30, 1957

Salt Lake City, Utah

*Boyd S. Owens*

Boyd S. Owens - Cartographic Survey A1

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., 19    

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

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

*Cadastral Engineering Staff Officer.*

### CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

*Cadastral Engineering Staff Officer.*



CERTIFICATE OF CADASTRAL ENGINEER

I, Alburn D. Griffin, HEREBY CERTIFY upon honor that  
pursuance of special instructions bearing date of the 13th day of May 1956

I have surveyed a portion of the subdivision of Township 37 South, Range 10 East

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

December 30, 1957

Salt Lake City, Utah

*Alburn D. Griffin*

Alburn D. Griffin - Cartographic Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., \_\_\_\_\_, 19\_\_\_\_

The foregoing field notes of the survey of \_\_\_\_\_

executed by \_\_\_\_\_

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

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_

\_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
*Cadastral Engineering Staff Officer.*

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May, 1957

I have ~~surveyed~~ supervised the survey of the north and east boundaries and a portion of the subdivision of T. 37 S., R. 10 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~~ under my supervision; 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.

December 30, 1957
Salt Lake City, Utah

Vern E. Lane
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of the north and east boundaries and a portion of the subdivision of Township 37 South, Range 10 East, Salt Lake Meridian, Utah

executed by Boyd S. Owens and Alburn D. Griffin, under the supervision of Vern E. Lane having been critically examined and found correct, are hereby approved.

Carl G. Harrington
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE NORTH AND EAST BOUNDARIES,

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE MEANDERS OF THE COLORADO RIVER

THROUGH SECTION 36

OF

TOWNSHIP 37 SOUTH, RANGE 11 EAST

Of the Salt Lake Meridian,

In the State of Utah

EXECUTED BY

Vern E. Lane - Cadastral Surveyor (Chief of Party)

Craig P. Sylvester - Cartographic Survey Aid

Under special instructions dated May 13, 1956, which provided

for the surveys included under Group No. 401, approved July 5, 1956

and assignment instructions dated September 13, 1957

Survey commenced September 16, 1957

Survey completed October 1, 1957

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16-50770-1

Meanders of the Colorado River through sec. 36 - page 21.

2468

## Township 37 South, Range 11 East

Chains

The west and south boundaries of T. 37 S., R. 11 E. of the Salt Lake Meridian, Utah were surveyed concurrently ~~with the survey of T. 37 S., R. 10 E., and T. 38 S., R. 11 E. respectively.~~ and are described in the field notes of the survey of T. 37 S., R. 10 E., and T. 38 S., R. 11 E. respectively.

The following field notes are those of the survey of the east and north boundaries, and that part of the subdivision considered sufficient in extent to mark the boundaries of those sections normally considered as State school land, and to facilitate development of the natural resources. The corners along the latitudinal lines were established at the true latitudinal curve, and all corners of the subdivision are established at points calculated to be in the same position they would occupy if the township had been completely subdivided.

The survey was executed with a W. and L. E. Gurley solar transit, serial No. 461263, being the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The instrument has full vertical circles and improved type solar attachments. The horizontal plate has two double verniers placed opposite to each other, and the vertical circle has one double vernier. All verniers of the transit and solar attachment are graduated to single minutes of arc. The instruments were in good adjustment, and prior to the beginning of the field work they were examined and all errors eliminated. They were maintained in good adjustment during the progress of the survey.

The direction of the lines of the survey were determined by reference to true meridians established on line by hour angle observations on polaris or altitude observations on the sun. The lines were carried forward as transit lines and checked by succeeding observations.

The measurements were made with steel ribbon tapes, 8 chains in length. These tapes are graduated every link for the first chain, and thereafter at intervals of 10 links. They were tested by comparison with a Lufkin standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers and the slope distances properly reduced to horizontal equivalents, which appear in these notes. In most cases the distances were determined by chaining, but in some instances they were obtained by triangulation and in others by traverses and offsets. The details of these were thoroughly verified and only the true line distances returned in the notes.

The geographic position of the southeast corner of the township, determined through section line ties made to U. S. Geological Survey station "Hosk" in T. 37 S., R. 11 E., and U. S. Geological Survey station "Mancus" in T. 37 S., R. 12 E. is as follows: Latitude  $37^{\circ} 32' 25.40''$  N. and longitude  $110^{\circ} 38' 12.10''$  W. The mean magnetic declination was found to be  $15^{\circ}$  E.

## East Boundary of T. 37 S., R. 11 E.

From the cor. of Ts. 37 and 38 S., R. 11 E., mkd. by an iron post,  $2\frac{1}{2}$  ins. diam., set, mkd. and witnessed as described in the field notes of T. 38 S., R. 11 E.

North, along the E. bdy. of sec. 36.

Over broken desert bench land, through medium undergrowth; asc. 70 ft. over a S. slope.

4.60

Top of ascent, bears E. and W.; desc. 135 ft. over a N. slope.

## East Boundary of T. 37 S., R. 11 E.

Chains	Description
20.90	W. rim of Glen Canyon, bears S. 40° W. and N. 40° E.; desc. 320 ft. over ledges facing to the NW.
24.50	Base of ledges, thence over bottom land in Glen Canyon.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 36. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	<pre> T37S R11E R12E   ¼ S36         1957 </pre>
	No accessories available.
58.70	Left bank of the Colorado River, course S. 39° W.
	Point for the meander cor. of sec. 36, at mean high water mark.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.
	<pre> M C     S36   R11E R12E T37S       1957 </pre>
	No accessories available.
	Thence across river by triangulation.
76.91	Right bank of the Colorado River.
	Point for the meander cor. of sec. 36, at mean high water mark.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	<pre> T37S R11E R12E S36         M C       1957 </pre>
	No accessories available.
78.71	Point for the witness cor. of secs. 25 and 36.
	At the base of ledges facing SE.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<pre> T37S R11E R12E   W C   S25     S36         1957 </pre>
	Deposit a sandstone, 5x4x3 ins., mkd. with a cross (X) at base of post.

East Boundary of T. 37 S., R. 11 E.

Chains	Thence by triangulation, over ledges; asc. 100 ft.
80.00	<p>True point for the cor. of secs. 25 and 36 falls on inaccessible ledges.</p> <p>Land, broken desert. Soil, sandy clay, with broken and eroded sandstone. Timber, none; undergrowth, black brush, grass and weeds, with willows and river brush along the river.</p>
	<p>North, along the E. bdy. of sec. 25.</p> <p>Over broken desert land, through scant undergrowth.</p>
33.40	<p>Counting distance from the true point for the cor. of secs. 25 and 36; asc. 245 ft. over a broken sandstone SE. slope.</p>
40.00	<p>Spur, projects N. 70° E.; desc. 115 ft. over a N. slope.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of sec. 25.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3<math>\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p>
51.20	<p style="text-align: center;">T37S R11E R12E <math>\frac{1}{4}</math>   S25   1957</p> <p>Desc. 160 ft. over a broken N. slope.</p>
65.40	<p>Ravine, drains E.; asc. 260 ft. over a broken S. slope.</p>
80.00	<p>Spur, projects E.; thence over a series of spurs and drains along the broken E. slope of Smith Fork.</p> <p>Point for the cor. of secs. 24 and 25 falls on a small ledge, facing to the E., where the cor. cannot be perpetuated.</p> <p>Land, badly broken desert. Soil, sandy clay, with a large portion of exposed and broken sandstone. Timber, none; undergrowth, scant black brush, grass and weeds.</p>
0.30	<p>North, along the E. bdy. of sec. 24.</p> <p>Over badly broken desert land, through scant undergrowth; continue along the broken E. slope of Smith Fork.</p> <p>Point for the witness cor. of secs. 24 and 25.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3<math>\frac{1}{2}</math> ft. base to top, with brass cap mkd.</p>
1.10	<p style="text-align: center;">T37S R11E R12E S24   S25   W C 1957</p> <p>Ravine, drains E.; continue along a broken E. slope.</p>

Chains	
9.90	Spur, projects E.; continue along a broken E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 24.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T37S R11E R12E <math>\frac{1}{4}</math>   S24   1957</p>
	Asc. 110 ft. along a broken SE. slope.
44.20	Sandstone point, projects E.; continue along a broken E. slope.
69.30	Spur, projects E.; desc. 135 ft. along a broken E. slope.
79.80	Wash, 3 ft. deep, 10 lks. wide, drains E.
80.00	Point for the cor. of secs. 13 and 24.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T37S R11E R12E <u>S13</u>   S24   1957</p>
	Land, badly broken desert. Soil, broken and eroded sandstone, with some sandy clay. Timber, none; undergrowth, scant black brush, grass and weeds.
	North, along the E. bdy. of sec. 13.
	Over badly broken desert land, through scant undergrowth, along the E. slope of Smith Fork.
22.10	Sandstone point, projects E.; desc. 80 ft. over a series of small sandstone spurs and drains, putting to the E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of sec. 13.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T37S R11E R12E <math>\frac{1}{4}</math>   S13   1957</p>
	Desc. 35 ft. along a broken E. slope.
50.10	Sandstone rim, bears N. 20° W. and S. 20° E.; desc. 300 ft. over ledges into Smith Fork.
55.00	Stream of water, 1 lk. wide, 4 ins. deep, in bottom of Smith Fork, flows S. 20° E.; asc. 300 ft. over ledges facing to the SW.

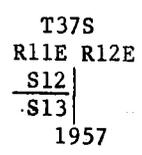
East Boundary, T. 37 S., R. 11 E.

Chains

59.00 N. rim of same canyon, bears N. 20° W. and S. 20° E.; asc. 80 ft. over a broken SW. slope.

80.00 Point for the cor. of secs. 12 and 13.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.



Land, badly broken desert.  
Soil, principally exposed broken and eroded sandstone.  
Timber, none; undergrowth, scant black brush, grass, cacti and weeds.

North, along the E. boundary of sec. 12.

Over badly broken desert land, through scant undergrowth, thence along a SW. slope.

2.00 Rim of sandstone ledges, bears N. 10° E. and S. 10° W.; desc. 80 ft. over ledges facing NW.

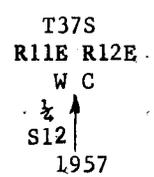
6.50 Stream of water, 1 lk. wide, 4 ins. deep, in bottom of Smith Fork, flows S. 10° W.; asc. 80 ft. over a broken sandstone SE. slope.

15.00 Sandstone spur, projects E.; desc. 75 ft. over a ledgy N. slope into same canyon.

25.00 Bottom of same canyon, drains S. 70° E.; asc. 75 ft. over a series of ledges facing S.

37.19 Point for the witness ¼ sec. cor. of sec. 12.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) on a sandstone spur, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.



Desc. 40 ft. over a broken NW. slope.

40.00 True point for the ¼ sec. cor. of sec. 12 falls on the steep slope of a ledge, facing NW., where the cor. cannot be perpetuated.

Desc. 35 ft. over a broken NW. slope.

43.98 The closing cor. of Ts. 36 and 37 S., R. 12 E., mkd. by an iron post, 2½ ins. diam., set and described in the field notes of the survey of T. 37 S., R. 12 E.

46.30 Sandstone draw, drains S. 70° W.; asc. 100 ft. over a S. sandstone slope.

60.70 Spur, projects W.; desc. 30 ft. over a N. slope.

67.90 Sandstone wash, drains S. 70° W.; asc. 80 ft. over a S. slope.

East Boundary of T. 36 S., R. 11 E.

Chains		meters
80.00	<p>Point for the cor. of sec. 1 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p>T37S T36S R11E R12E</p> <p>S 1 S12</p> <p>1957</p> <p>Land, badly broken desert. Soil, sandstone, with some sandy clay. Timber, none; undergrowth, very scant cacti, grass and weeds.</p>	00.00
	North, along the E. bdy. of sec. 1.	
	Over broken desert land, through scant undergrowth; asc. 115 ft. over a S. slope.	
6.40	Low sandstone rim, bears N. 80° E. and S. 80° W., 3.00 chs. to end; thence over rolling desert bench land; desc. 160 ft. over a N. slope.	
16.10	Small wash, drains W.; asc. 110 ft. over a S. slope.	
30.00	Top of ascent, thence over gentle rolling land.	
40.00	<p>Point for the ¼ sec. cor. of sec. 1.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p>T37S T36S R11E R12E</p> <p>S 1</p> <p>1957</p>	
42.00	Sandstone rim, 20 ft. high, bears E. and W.; desc. 180 ft. over a N. slope.	
47.90	Ravine, drains W.; asc. 100 ft. over a S. slope.	
52.40	N. rim of ravine, bears E. and W.; thence over rolling land.	
63.80	S. rim of small canyon, bears N. 80° E. and S. 80° W.; desc. 195 ft. over a N. sandstone slope.	
78.20	Sandstone wash in bottom of canyon, 4 ft. deep, 20 lks. wide, drains S. 80° W.; asc. 65 ft. over a S. sandstone slope.	
80.00	<p>Point for the cor. of Ts. 36 and 37 S., R. 11 E.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p>T36S R11E R12E</p> <p>S36 S 1 S30</p> <p>1957</p>	
	<p>Land, broken desert.</p> <p>Soil, principally exposed and broken sandstone, with sandy clay loam.</p> <p>Timber, none; undergrowth, scant black brush, cacti, grass and weeds.</p>	

North Boundary of T. 37 S., R. 11 E.

Chains

From the cor. of Ts. 36 and 37 S., R. 11 E.

N. 89° 58' W., bet. secs. 1 and 36.

Over broken desert bench land, through scant undergrowth; asc. 125 ft. along a S. slope.

13.00 W. rim of canyon, bears S. 10° W. and N. 10° E., 4.00 chs., thence curves E., thence over rolling land; desc. 130 ft.

38.60 Small wash, drains S.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, 2 1/2 ft. base to top, with brass cap mkd.

T36S R11E  
1/4 S36  
S 1  
T37S  
1957

Asc. 90 ft. over an E. slope.

45.80 Top of ascent, bears N. and S.; desc. 220 ft. over a W. slope.

79.00 Point for the witness cor. of secs. 1, 2, 35 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., over a cross (X) cut in solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R11E  
W S35 | S36  
C S 2 | S 1  
T37S  
1957

Desc. 80 ft. over a broken W. slope.

79.60 Smith Fork, drains irregularly S.

80.00 True point for the cor. of secs. 1, 2, 35 and 36 falls on a small ledge on the W. bank of Smith Fork, where the cor. cannot be perpetuated.

Land, rolling desert bench.  
Soil, sandy clay.  
Timber, none; undergrowth, medium black brush, scant mountain rush, cacti, grass and weeds.

N. 89° 58' W., bet. secs. 2 and 35.

Over rolling desert land, through scant undergrowth; asc. 60 ft. over a steep E. slope.

4.00 Top of steep slope; asc. 50 ft. over a gentle E. slope.

20.40 Top of sand knoll, thence across a series of sand knolls.

40.00 Point for the 1/4 sec. cor. of secs. 2 and 35.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

North Boundary of T. 37 S., R. 11 E.

Chains

T36S R11E

$\frac{1}{4}$   $\frac{S35}{S 2}$   
T37S  
1957

Deposit a sandstone, 4x4x4 ins., mkd. with a cross (X) at the base of the post.

Asc. 95 ft. over a general E. slope.

30.00

Point for the cor. of secs. 2, 3, 34 and 35.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R11E

$\frac{S34}{S 3}$  |  $\frac{S35}{S 2}$   
T37S  
1957

Deposit a sandstone rock, 4x4x4 ins., mkd. with a cross (X) at the base of the post.

Land, rolling desert bench.

Soil, sandy clay.

Timber, none; undergrowth, scant black brush, mountain rush, cacti, grass and weeds.

N. 89° 58' W., bet. secs. 3 and 34.

Over gently rolling desert bench land, through scant undergrowth, over a series of sand knolls sloping gently to the E.

40.00

Point for the ¼ sec. cor. of secs. 3 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T36S R11E

$\frac{1}{4}$   $\frac{S34}{S 3}$   
T37S  
1957

Deposit a sandstone, 4x4x2 ins., mkd. with a cross (X) at the base of the post.

Asc. 55 ft. over an E. slope.

52.60

Top of rise, bears N. and S.; desc. 25 ft. over a gentle SW. slope.

66.10

Bladed dirt road, bears S. 20° E. and N. 20° W.; desc. 30 ft. over a gentle SW. slope.

80.00

Point for the cor. of secs. 3, 4, 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

T36S R11E

$\frac{S 4}{S33}$  |  $\frac{S 3}{S34}$   
T37S  
1957

Raise a mound of earth W. of the cor.

North Boundary of T. 37 S., R. 11 E.

Chains

No other accessories available.

Land, gently rolling desert bench.

Soil, sand and sandy clay.

Timber, none; undergrowth, scant black brush, mountain rush, cacti, grass and weeds.

N. 89° 58' W., bet. secs. 4 and 33.

Over rolling desert bench land, through scant undergrowth; desc. 30 ft. over a gentle W. slope.

28.40 Low rim, bears N. and S.; desc. 105 ft. over a steep W. slope.

38.00 Wash, 10 lks. wide, 3 ft. deep, drains S.; asc. 40 ft. over an E. slope.

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

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T36S R11E  
S33  
1/4 S 4.  
T37S  
1957

Asc. 80 ft. over rolling land, sloping gently to the E.

66.80 E. rim of mesa, bears N. and S., thence across nearly level mesa top.

71.60 W. rim of mesa, bears N. and S.; desc. 85 ft. over a W. slope.

80.00 Point for the cor. of secs. 4, 5, 32 and 33.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T36S R11E  
S32 | S33  
S 5 | S 4  
T37S  
1957

Land, rolling desert bench.

Soil, sandy clay.

Timber, none; undergrowth, scant black brush, mountain rush, cacti, grass and weeds.

N. 89° 58' W., bet. secs. 5 and 32.

Over rolling desert bench land, through scant undergrowth; desc. 35 ft. over a W. slope.

6.00 Small wash, drains S.; asc. 30 ft. over an E. slope.

13.10 Top of slope, thence across rolling land.

26.20 Crest of slope; desc. 115 ft. over a steep W. slope.

32.80 Old road in bottom of wash, 50 lks. wide, 2 ft. deep, drains S.; asc. 15 ft. over an E. slope.

40.00 Point for the 1/4 sec. cor. of secs. 5 and 32.

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

T36S R11E  
S32  
1/4 S 5  
T37S  
1957

Thence over rolling land.

North Boundary of T. 37 S., R. 11 E.

<p>Chains 68.70</p> <p>80.00</p>	<p>Small wash, drains S.</p> <p>Point for the cor. of secs. 5, 6, 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E S31   S32 S 6   S 5 T37S 1957</p> <p>Land, rolling desert. Soil, sandy clay. Timber, none; undergrowth, scant black brush, mountain rush, cacti, grass and weeds.</p>	<p>0</p>
<p>40.00</p>	<p>N. 89° 58' W., bet. secs. 6 and 31.</p> <p>Over rolling desert land, through scant undergrowth; asc. 50 ft. over a gentle E. slope.</p> <p>Point for the ¼ sec. cor. of secs. 6 and 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E S31 S 6 T37S 1957</p> <p>Asc. 55 ft. over a gentle E. slope.</p>	<p>50</p>
<p>80.00</p>	<p>Point for the 1/16 sec. cor. of secs. 6 and 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T36S R11E 1/16 S31 80 S 6 T37S 1957</p> <p>Raise a mound of earth W. of the post.</p> <p>Asc. 40 ft. over a gentle E. slope.</p>	<p>80</p>
<p>110.40</p> <p>114.25</p>	<p>Top of ascent; desc. 55 ft. over an abrupt W. slope into wash area.</p> <p>The cor. of Ts. 36 and 37 S., Rs. 10 and 11 E., mkd. by an iron post, 2½ ins. diam., conforming to the record.</p> <p>Land, rolling desert bench. Soil, sandy clay. Timber, none; undergrowth, medium black brush, scant cacti, mountain rush, grass and weeds;</p>	<p>110</p>
<p>Portion of the Subdivision, T. 37 S., R. 11 E.</p>		
<p>From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of T. 38 S., R. 11 E.</p> <p>N. 0° 01' W., bet. secs. 35 and 36.</p>		

Portion of the Subdivision, T. 37 S., R. 11 E.

Chains

- Over broken desert land, through medium undergrowth; asc. 135 ft. over a broken S. slope.
  - 25.60 Spur, projects S. 80° W.; desc. 85 ft. over a N. slope,
  - 31.40 Small wash, drains S. 80° W.; asc. 95 ft. over a S. slope.
  - 40.00 Point for the ¼ sec. cor. of secs. 35 and 36.
- Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R11E  
 S35 | S36  
 1957

- Asc. 110 ft. over a broken S. slope.
- 45.50 S. crest of mesa, bears S. 80° W. and N. 80° E., thence across mesa top.
- 48.80 Top of abrupt N. slope; desc. 75 ft. into small ravine.
- 55.00 Bottom of ravine, drains S. 80° W.; asc. 75 ft. over a S. slope.
- 58.40 Top of steep S. slope, thence across mesa top.
- 77.40 Crest of abrupt N. slope; desc. 85 ft.
- 80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R11E  
 S26 | S25  
 S35 | S36  
 1957

Land, rolling and broken desert.  
 Soil, sandy clay, with exposed sandstone.  
 Timber, none; undergrowth, medium black brush, scant mountain rush, cacti, grass and weeds.

From the true point for the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township.

N. 89° 56' W., bet. secs. 25 and 36.

Over rolling and broken desert land, through medium undergrowth; asc. 115 ft. over an E. slope.

- 33.00 Spur, projects S., 10° W.; desc. 85 ft. over a W. slope.

- 39.97 Point for the ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R11E  
 S25  
 S36  
 1957

Portion of the Subdivision, T. 37 S., R. 11 E.

<p>Chains 40.10 48.50 79.94</p>	<p>Wash, 10 lks. wide, 2 ft. deep, drains S.; asc. 140 ft. over an E. slope.</p> <p>E. crest of mesa, bears N. and S., thence over rolling mesa top.</p> <p>The cor. of secs. 25, 26, 35 and 36.</p> <p>Land, broken and rolling desert. Soil, sandy clay, with exposed sandstone. Timber, none; undergrowth, medium black brush, scant mountain rush, cacti, grass and weeds.</p>
<p>23.50 39.70 40.00 54.40 80.00</p>	<p>From the cor. of secs. 3, 4, 33 and 34 on the S. bdy., an iron post, 2½ ins. diam., set, mkd. and witnessed in the field notes of T. 38 S. R. 11 E.</p> <p>N. 0° 02' W., bet. secs. 33 and 34.</p> <p>Over rolling land; desc. 65 ft. over N. slope.</p> <p>Wash, 30 lks. wide, 5 ft. deep, drains E.; asc. 95 ft. over S. slope.</p> <p>Top of ascent, bears N. 60° E. and W.; desc. 30 ft. along gentle E. slope.</p> <p>Point for the ¼ sec. cor. of secs. 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T37S R11E ¼ S33 S34 1957</p> <p>Desc. 40 ft. along an E. slope.</p> <p>Wash, 10 lks. wide, 3 ft. deep, drains E.; asc. 65 ft. along gentle E. slope.</p> <p>Point for the cor. of secs. 27, 28, 33 and 34.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with mound of earth to the W. and brass cap mkd.</p> <p style="text-align: center;">T37S R11E S28 S27 S33 S34 1957</p> <p>Land, rolling. Soil, sand. Timber, none.</p>
<p>8.00 40.00</p>	<p>N. 0° 02' W., bet. secs. 27 and 28.</p> <p>Over rolling land; asc. 10 ft. along E. slope.</p> <p>Top of asc.; desc. 25 ft. along gentle E. slope.</p> <p>Point for the ¼ sec. cor. of secs. 27 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 21 ins. in the ground, with mound of earth to the W., with brass cap mkd.</p>

Portion of the Subdivision, T. 37 S., R. 11 E.

Chains

T37S R11E

1/2  
S28 | S27  
1957

No other available accessories.

Desc. 110 ft. along E. slope.

55.00 Wash, 30 lks. wide, 6 ft. deep, drains N. 80° E.; asc. 90 ft. along E. slope.

67.90 Top of ascent; desc. 85 ft. along general E. slope.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 2 1/2 ft. base to top, with brass cap mkd.

T37S R11E

S21 | S22  
S28 | S27  
1957

Corner falls on N. slope of small wash, draining E.

Land, rolling.

Soil, sand.

Timber, none.

N. 0° 02' W., bet. secs. 21 and 22.

Desc. 25 ft. along N. slope.

4.00 Wash, 40 lks. wide, 5 ft. deep, drains E.; desc. 10 ft. along E. slope.

14.50 Wash, 30 lks. wide, 6 ft. deep, drains E.; desc. 15 ft. along general E. slope.

40.00 Point for the 1/2 sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long; 2 1/2 ins. diam., 20 ins. in the ground, and in a mound of stone, 2 ft. base to top, with brass cap mkd.

T37S R11E

1/2  
S21 | S22  
1957

Corner falls in bottom of small ravine, draining E.

Asc. 75 ft. along E. slope.

54.00 S. rim of canyon, bears S. 70° E. and N. 70° W., 7 chs., thence curves NW.; desc. 150 ft. over steep N. slope.

56.30 Hansen Creek in bottom of canyon, drains S. 70° E.; asc. 120 ft. over steep S. slope of point, projecting W.

66.00 N. rim of same canyon, bears W., 5 chs., thence curves NE.

71.00 N. rim, bears NE. and SW.; desc. 120 ft. over N. slope.

77.00 Hansen Creek in bottom of same canyon, drains SW.; asc. 140 ft. over S. slope.

Portion of the Subdivision, T. 37 S., R. 11 E.

solid

Chains  
80.00

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

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T37S R11E  
S16|S15  
S21|S22  
1957

Land, broken.  
Soil, sand, exposed sandstone.  
Timber, scattered cottonwood in bottom of canyon.

N. 0° 02' W., bet. secs. 15 and 16.

Over rolling land; asc. over S. slope.

0.90 Spur, slopes N. 80° E., 8 chs. to same wash; desc. 5 ft. over broken N. slope.

6.10 S. rim of same canyon, bears N. and E.; desc. 85 ft. over broken N. slope.

9.00 Hansen Creek, drains E. from N., thence up wash.

18.20 Leave Hansen Creek which curves westward; asc. 220 ft. along W. slope of rim.

33.00 N. rim of canyon, bears S. 10° E. and N. 45° W., thence along gentle W. slope.

40.00 Point for the ¼ sec. cor. of secs. 15 and 16.

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

T37S R11E  
¼  
S16|S15  
1957

Asc. 40 ft. along gentle W. slope.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T37S R11E  
S 9|S10  
S16|S15  
1957

Land, broken and rolling.  
Soil, sand and exposed sandstone.  
Timber, none.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling land; asc. 30 ft. along gentle W. slope, with a series of small washes, draining W.

14.50

Wash, drains SW.

3 11 2 3 Portion of the Subdivision, T, 37 S., R. 11 E.

Chains

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T37S R11E

$\frac{1}{4}$   
S 9 | S10  
1957

Desc. 25 ft. along W. slope.

49.80 Wash, 20 lks. wide, 3 ft. deep, drains S.  $80^\circ$  W.; asc. 115 ft. along SW. slope.

71.40 Unimproved road, bears E. and W.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone,  $3\frac{1}{2}$  ft. base to top, with brass cap mkd.

T37S R11E

S 4 | S 3  
S 9 | S10  
1957

Corner falls on S. bank of small wash, drains S.  $80^\circ$  W.

Land, rolling.

Soil, sand.

Timber, none.

N.  $0^\circ 02'$  E., bet. secs. 3 and 4.

Over rolling land; desc. 20 ft. along NW. slope.

2.10 Wash, 10 lks. wide, 3 ft. deep, drains S.  $80^\circ$  W.; asc. 65 ft. along W. slope.

13.50 Top of ascent; desc. 45 ft. along W. slope.

20.10 Wash, 20 lks. wide, 6 ft. deep, drains S.  $70^\circ$  W.; asc. 60 ft. along SW. slope.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 3 and 4 falls on a steep NW. slope of a sandstone ledge, where the cor. cannot be perpetuated.

41.20 Point for the witness  $\frac{1}{4}$  sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37S R11E

$\frac{1}{4}$   
S 4 | S 3  
W C  
1957

Asc. 210 ft. over broken S. slope.

61.60 Crest of S. slope, bears E. and W. irregularly; asc. 30 ft. over top of mesa.

## Portion of the Subdivision, T. 97 S., R. 11 E.

Chains		Station
79.96	The cor. of secs. 3, 4, 32 and 34 on the N. bdy. of the township.  Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none.	
	From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township.  S. 0° 01' E., bet. secs. 2 and 3.  Over rolling land; desc. 25 ft. over gentle S. slope.	
8.50	Small wash, drains E.; asc. 90 ft. over N. slope.	
39.30	Unimproved road, bears E. and W.	
39.97	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.	
	T37S R11E $\frac{1}{4}$ S 3   S 2 1957	
	Asc. 55 ft. over S. slope.	
43.70	Head of ravine, drains W.; asc. along NW. slope.	
56.60	Spur, slopes W., 4 chs.; desc. 135 ft. over steep S. slope.	
63.90	Wash, 20 lks. wide, 3 ft. deep, drains W.; asc. 40 ft. over N. slope.	
79.97	Point for the cor. of secs. 2, 3, 10 and 11.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T37S R11E S 3   S 2 S10   S11 1957	
	Land, rolling and broken. Soil, sand and exposed sandstone. Timber, none.	
40.00	S. 89° 58' E., bet. secs. 2 and 11.  Over rolling land; asc. 75 ft. over SW. slope.  Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) on solid rock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	T37S R11E $\frac{1}{4}$ S2 S11 1957	
	Asc. 15 ft. over gentle W. slope.	

## Portion of the Subdivision, T. 37 S., R. 11 E.

## Chains

- 42.50 Base of sandstone rim, bears S. and N. 70° W.; asc. 145 ft. over W. slope.
- 45.10 Top of rim, also W. crest of mesa; desc. 30 ft. over top of mesa.
- 46.90 Unimproved road, bears S. 70° E. and N. 60° W.
- 59.30 Slope changes to N. slope; desc. 105 ft. along N. edge of mesa.
- 80.00 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T37S R11E  
 S 2 | S 1  
 S11 | S12  
 1957

Land, rolling and broken.  
 Soil, sand and exposed sandstone.  
 Timber, none.

N. 0° 01' W., bet. secs. 1 and 2.

Overbroken land; desc. 110 ft. along NE. slope, under E. crest of mesa.

- 30.40 Wash, 10 lks. wide, 4 ft. deep, drains E.; asc. 65 ft. over S. slope.
- 34.60 Crest of S. slope, along E. slope.
- 40.00 Point for the ¼ sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T37S R11E  
 ¼  
 S 2 | S 1  
 1957

Desc. 75 ft. along E. slope.

- 72.40 Desc. 135 ft. along steep E. slope into wash, which drains SE.
- 79.96 True point for the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township.

Land, rolling and broken.  
 Soil, sand and exposed sandstone.  
 Timber, none.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

- 1.20 Right bank of Hansen Creek; asc. 220 ft. over rolling E. slope.
- 30.10 Crest of E. slope; asc. 15 ft. over top of mesa.
- 40.00 Point for the ¼ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with mound of earth to the N., with brass cap mkd.

Portion of the Subdivision, T<sub>37</sub> S., E. 11 E.

Chains	Area
80.00	<p>T37S R11E  <math>\frac{1}{4}</math> <math>\frac{S16}{S21}</math>                      1957</p> <p>No other available accessories.</p> <p>Desc. 5 ft. over top of mesa.</p> <p>Point for the cor. of secs. 16, 17, 20 and 21.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, and with mound of earth to the W., with brass cap mkd.</p> <p style="text-align: center;">T37S R11E  <math>\frac{S17}{S20}</math>   <math>\frac{S16}{S21}</math>                      1957</p> <p>Land, rolling.                      Soil, sand.                      Timber, none.</p>
40.00	<p>N. 0° 03' W., bet. secs. 16 and 17.</p> <p>Desc. 70 ft. along gentle E. slope.</p> <p>Point for the ¼ sec. cor. of secs. 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with mound of earth to the W., with brass cap mkd.</p> <p style="text-align: center;">T37S R11E  <math>\frac{1}{4}</math> <math>\frac{S17}{S16}</math>                      1957</p> <p>No other available accessories available.</p> <p>Over rolling land; desc. 25 ft. along gentle E. slope.</p>
62.50	<p>Unimproved road, bears E. and W.</p>
80.00	<p>Point for the cor. of secs. 8, 9, 16 and 17.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with mound of earth to the W., with brass cap mkd.</p> <p style="text-align: center;">T37S R11E  <math>\frac{S. 8}{S17}</math>   <math>\frac{S. 9}{S16}</math>                      1957</p> <p>No other accessories available.</p> <p>Land, rolling.                      Soil, sand.                      Timber, none.</p>
	<p>From the cor. of secs. 9, 10, 15 and 16,                      West, bet. secs. 9 and 16                      Desc. 105 ft. over N. slope.</p>

## Portion of the Subdivision, T. 37 S., R. 11 E.

Chains	
16.00	Wash, drains SW. into Hansen Creek.
24.40	Hansen Creek, 50 lks. wide, 3 ft. deep, drains S. 10° E.; asc. 75 ft. over E. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 21 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T37S R11E $\frac{1}{4}$ $\frac{S\ 9}{S16}$ 1957
	Over rolling land; asc. 115 ft. over gentle E. slope.
66.20	Unimproved road, bears N. 20° E. and S. 30° W.
80.00	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, sand. Timber, none.
	From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, N. 0° 03' W., bet. secs. 32 and 33. Asc. 70 ft. over rolling S. slope.
33.20	Top of ascent, bears E. and W.; desc. 5 ft. over N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd.
	T37S R11E $\frac{1}{4}$ $\frac{S32\ S33}{S32\ S33}$ 1957
	Desc. 40 ft. over N. slope.
55.60	Small wash, drains W.; asc. 20 ft. over gentle S. slope.
60.00	Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T37S R11E $\frac{S29\ S28}{S32\ S33}$ .1957
	Land, rolling. Soil, sand. Timber, none.

Portion of the Subdivision T. 37 S., R. 11 E.

Chains		miled
	From the cor. of secs. 5, 6, 31 and 32 on the S. hdy. of the township N. 0° 03' W., bet. secs. 31 and 32.	
	Asc. 55 ft. over S. slope.	
9.50	Top of ascent, bears E. and W.; desc. 20 ft. over N. slope.	
34.20	Small wash, drains W.; asc. 25 ft. over S. slope.	
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.  Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	T37S R11E S31   S32 1957	
	Corner falls on S. bank of small wash, draining S. 45° W.  Asc. 80 ft. over gentle S. slope.	
52.20	Top of ascent, bears S. 45° W. and N. 45° E.; desc. 130 ft. over N. slope.	
58.50	Small wash, drains W.; desc. 35 ft. over a NW. slope.	
80.00	Point for the cor. of secs. 29, 30, 31 and 32.  Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.	
	T37S R11E S30   S29 S31   S32 1957	
	Land, rolling. Soil, sandy. Timber, none.	

	From the cor. of secs. 28, 29, 32 and 33. West, bet. secs. 29 and 32.  Over nearly level desert land, through scant undergrowth.	
1.30	Desc. 75 ft. over a W. slope.	
7.80	Wash, 10 lks. wide, 6 ft. deep, drains N. 70° W.; asc. 55 ft. along a NE. slope.	
9.70	Spur, projects N.; desc. 195 ft. over a W. slope.	
25.80	Small wash, drains NW.; asc. 15 ft. along a N. slope.	
40.02	Point for the ¼ sec. cor. of secs. 29 and 32.  Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.	
	T37S R11E ¼ S29 S32 1957	

## Portion of the Subdivision, T. 37 S., R. 11 E.

Chains

80.04

Desc. 25 ft. along a N. slope.

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

Land, rolling desert bench land.

Soil, sandy clay.

Timber, none.

Undergrowth, medium black brush, scant mountain rush, cacti, grass and weeds.

## Meanders of the Colorado River

From the meander cor. of sec. 36 on the left bank of the Colorado River.

Thence downstream with the meanders of the Colorado River in sec. 36.

S. 31° 15' W., 39.67 chs.

S. 29° 15' W., 18.10 chs.

S. 39° 00' W., 11.70 chs. The meander cor. of secs. 1 and 36 on the left bank of the Colorado River.

Land, nearly level bottom land.

Soil, sandy loam.

Undergrowth, willows, river brush, sagebrush, grass and weeds.

From the meander cor. of sec. 36 on the right bank of the Colorado River.

Thence downstream with the meanders of the Colorado River in sec. 36.

S. 34° 30' W., 51.40 chs.

S. 29° 45' W., 39.80 chs. The meander cor. of sec. 1 and 36 on the right bank of the Colorado River.

Land, nearly level bottom land.

Soil, sandy loam.

Undergrowth, willows, river brush, sagebrush, grass and weeds.

## GENERAL DESCRIPTION

The land in the township varies from the badly broken land along the east boundary and that portion in the southeast corner of the township along the Colorado River to the rolling bench land in the center and west, known as the Cane Spring Desert. The drainage is to the south and southeast into tributaries of the Colorado River. There are a few widely scattered dwarf juniper. The undergrowth is mainly black brush, with lesser amounts of sagebrush, mountain rush, bitter brush, cacti, silverleaf, grass and weeds. There are no permanent inhabitants in the township. A considerable amount of prospecting has been and to some extent is still being carried on in the area.



CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of May 1956, I have surveyed the north and east boundaries, a portion of the subdivisional lines and the meanders of the Colorado River through sec. 36, Township 37 South, Range 11 East

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

June 13, 1958
Salt Lake City, Utah

Craig P. Sylvester
Craig P. Sylvester - Cartographic Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., 19

The foregoing field notes of the survey of
executed by
having been critically examined and found correct, are hereby approved.

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in
is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

CERTIFICATE OF CADASTRAL ENGINEER

I, Vern E. Lane, HEREBY CERTIFY upon honor the pursuance of special instructions bearing date of the 13th day of May

I have supervised the survey of the north and east boundaries, a portion of the subdivisional lines and the meanders of the Colorado River through sec. 36, Township 37 South, Range 11 East

of the Salt Lake Meridian, in the State of Utah, which are represented in the foregoing field notes as having been executed under my supervision 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.

June 13, 1958
Salt Lake City, Utah

[Signature: Vern E. Lane]
Vern E. Lane - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 30 1958, 19

The foregoing field notes of the survey of the north and east boundaries, a portion of the subdivisional lines and the meanders of the Colorado River through sec, 36, Township 37 South, Range 11 East, Salt Lake Meridian, Utah

executed by Craig P. Sylvester, under the supervision of Vern E. Lane.
having been critically examined and found correct, are hereby approved.

[Signature: Carl G. Harrington]
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes.

Cadastral Engineering Staff Officer