

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

Survey of the North Boundary and a Portion of the subdivision of

T. 37 N., R.13 W.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

George M. Boofer Cartographer, Cadastral

Under special instructions dated September 22, 1954, which provided
for the surveys included under Group No. 295, approved September 27, 1954
and assignment instructions dated November 8, 1955.

Survey commenced February 13, 1956

Survey completed February 17, 1956

4510

4510

1A 50

BOOK 4510

INDEX DIAGRAM

Township 37 North, Range 13 West

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T. 37 N., R. 13 W.

Chains

The east boundary was surveyed by Hiester and Hunter in 1924. The south boundary (Ninth Standard Parallel North), and the west boundary were surveyed by D. R. Averill in 1929. The Ninth Standard Parallel North, through R. 13 W., was resurveyed by Muscott, Warner, and Motosh in 1939.

The following field notes are those of the north boundary and a portion of the subdivision of T. 37 N., R. 13 W.

For the test of the instruments and the methods employed, refer to the field notes for T. 95 N., R. 15 W.

The geographic position for the southeast cor. of T. 37 N., R. 13 W., is in latitude, $36^{\circ} 33' 17''$ N., longitude, $113^{\circ} 38' 02''$ W., as computed from the township plat of T. 36 N., R. 13 W. The magnetic declination for the township is 16° E.

Survey of the North Boundary, T. 37 N., R. 13 W.

Beginning at the cor. of Ts. 37 and 38 N., Rs. 12 and 13 W., an iron post, 3 ins. diam., set, marked and described in the official record.

S. $89^{\circ} 59'$ W., bet. secs. 1 and 36.

Over rolling land, through medium timber and scattered undergrowth.

Desc. 130 ft. over W. slope.

18.70 Inalys resort road, bears N. 20° W. and S. 10° E.; asc. 55 ft. over E. slope to cor.

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., 18 ins. firmly in the ground, with brass cap marked

$\frac{1}{4}$ $\frac{S 36}{S 1}$
1956

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

from which

A cedar, 6 ins. diam., bears N. $19\frac{1}{4}^{\circ}$ E., 30 lks. dist., marked $\frac{1}{4}$ S36 BT.

A cedar, 6 ins. diam., bears S. 47° W., 17 lks. dist., marked $\frac{1}{4}$ S1 BT.

Asc. 75 ft. over gradual NE. slope.

49.60 Top of ascent; desc. 65 ft. over N. slope.

54.40 Road, track, bears N. and S. 10° W.; asc. 80 ft. over NE. slope to cor.

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., 20 ins. firmly in the ground, with brass cap marked

Survey of the North Boundary, T. 37 N., R. 13 W.

Chains

T38N R13W
S35 S36
S2 S1
T37N
1956

raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
from which

A cedar, 8 ins. diam., bears S. 44° E., 18 lks. dist.,
marked T37N R13W S1 BT.

A cedar, 6 ins. diam., bears N. 35° E., 48 lks. dist.,
marked T38N R13W S36 BT.

A cedar, 10 ins. diam., bears S. 26° W., 56 lks. dist.,
marked T37N R13W S2 BT.

A cedar, 7 ins. diam., bears N. 42½° W., 61 lks. dist.,
marked T38N R13W S35 BT.

Land, rolling.
Soil, rocky with shallow loam.
Timber, cedar, undergrowth, blackbrush, sagebrush, and creosote
brush.

S. 89° 59' W., bet. secs. 2 and 35.

Over rolling land, through timber and scattered undergrowth.

11.20 Top of ascent, desc. 485 ft. over SW. slope.

12.55 Limestone rim, faces SW. to S.

30.20 Wash, in bottom of canyon, 10 lks. wide, 3 ft. deep, drains NW.;
asc. 55 ft. over limestone ledge to cor.

40.00 Point for the ¼ sec. cor. of secs. 2 and 35.

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

¼ S35
S 2
1956

from which

A cedar, 12 ins. diam., bears N. 33° E., 59 lks. dist.,
marked ¼ S35 BT.

A cedar, 3 ins. diam., bears S. 9° W., 69 lks. dist.,
marked ¼ BT.

Continue ascending 45 ft. over E. slope.

55.50 Limestone cliff, 20 ft. high, faces NW.; desc. 400 ft. over
W. slope.

60.40 Hobble Canyon Wash, 20 lks. wide, 2 ft. deep, drains WSW. for
3½ chs. dist., then SW.

63.95 Road, track, bears SW. and N. 75° E. to St. George, Utah, in bottom
of Hobble Canyon; thence across canyon.

Survey of the North Boundary, T. 37 N., R. 13 W.

Chains	<p>70.00 Base of ascent; asc. 345 ft. over E. slope.</p> <p>80.00 Point for the cor. of secs. 2, 3, 34, and 35.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 20 ins. firmly in the ground, with brass cap marked</p>
	<p>T38N R14W S34 S35 S3 S2 T37N 1956</p>
	<p>from which</p> <p>A cedar, 8 ins. diam., bears N. 29° E., 46 lks. dist., marked T38N R13W S35 BT.</p> <p>A cedar, 12 ins. diam., bears S. 12° E., 66 lks. dist., marked T37N R13W S2 BT.</p> <p>A cedar, 10 ins. diam., bears S. 58° W., 50 lks. dist., marked T37N R13W S3 BT.</p> <p>A cedar, 12 ins. diam., bears N. 48° W., 105 lks. dist., marked T38N R13W S34 BT.</p>
	<p>Land, rolling. Soil, gravelly and limestone rock. Timber, cedar and pinon; undergrowth, sagebrush, bitter brush, creosote and sparse grass.</p>
	<p>S. 89° 59' W., bet. secs. 3 and 34.</p>
	<p>Over rolling land, through medium timber and scattered undergrowth.</p>
3.75	<p>Ridge top, bears S. 80° W. and N. 15° E.; thence along N. slope.</p>
15.65	<p>Point of descent; desc. 260 ft. over NW. slope.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 34.</p> <p>Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, and in a mound of stone to cap, with brass cap marked</p>
	<p>1/4 S34 S 3 1956</p>
	<p>from which</p> <p>A cedar, 15 ins. diam., bears N. 22° W., 31 lks. dist., marked S34 BT.</p> <p>A scrub cedar, bears S. 49° W., 67 lks. dist., marked BT.</p>
	<p>Continue descending 65 ft. over NW. slope.</p>
54.00	<p>Point on rim; desc. 315 ft. over W. slope.</p>
60.55	<p>Wash, in bottom of canyon, 20 lks. wide, 2 ft. deep, drains S.; asc. 195 ft. over E. slope.</p>
69.00	<p>Top of ascent; desc. 125 ft. over W. slope.</p>
78.40	<p>Deep draw, drains NE.</p>

Survey of the North Boundary, T. 37 N., R. 13 W.

Chains

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

Set an iron post, 30 ins. long, 2½ ins. diam., on solid limestone rock, and in a mound of stone to cap, with brass cap marked

T38N R13W
S33/S34
S4/S3
T37N
1956

No bearing trees available.

Land, rolling.

Soil, limestone rock mass.

Timber, cedar; undergrowth, sage, Brigham tea, creostoe and sparse grass.

S. 89° 59' W., bet. secs. 4 and 33.

Over rolling land, through thinly scattered timber and undergrowth.

Asc. 255 ft. over E. slope.

10.85 Fence, 4 strand barbed wire, bears N. and S.

12.75 Ridge, bears N. 10° W. and S. 10° E.; desc. 570 ft. over steep SW. slope.

40.00 Point for the ¼ sec. cor. of secs. 4 and 33.

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

¼ S 33
S 4

1956

from which

A cedar, 7 ins. diam., bears N. 70° E., 224 lks. dist., marked ¼ S 33 BT.

A cedar, 8 ins. diam., bears S. 25° W., 70 lks. dist., marked ¼ S 4 BT.

Continue ascending 155 ft. over SW. slope.

58.05 Road, track, bears S. 20° E. and N. 30° W.

61.05 Hobble Canyon, 40 lks. wide, 8 ft. deep, drains N. 30° W.

77.05 Shallow draw, drains NE.; asc. 25 ft. to cor.

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

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

T38N R13W

S32/S33

S5/S4

T37N

1956

Survey of the North Boundary, T. 37 N., R. 13 W.

Chains	
	Land, rolling. Soil, limestone rock mass. Timber, cedar; undergrowth, sage, Brigham tea, creosote brush, and sparse grass.
	S. 89° 59' W., bet. secs. 5 and 32. Over rolling land, through thinly scattered timber and undergrowth.
13.00	Base of ascent; asc. 255 ft. over E. slope.
29.35	Point on spur, projects N. 30° E.; thence along N. slope.
37.40	Point of descent; desc. 80 ft. over NW. slope.
38.00	Shallow draw, drains N. 15° E. for 3 chs. dist., then N. 80° E.
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., 4 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked
	1/4 S 32 S 5 1956
44.00	Asc. 35 ft. over N. slope of spur. Crown of spur, slopes N.; thence at same elevation, along N. slope.
59.00	Spur, slopes N.; desc. 160 ft. over NW. slope.
73.60	Wash, 10 lks. wide, 2 ft. deep, drains N.; asc. 130 ft. over SE. 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., 9 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked
	T38N R13W S31 S32 S6 S5 T37N 1956
	Land, rolling. Soil, shallow loam on limestone rock. Timber, cedar; undergrowth, bitter brush, Brigham tea, creosote, and blackbrush.
	S. 89° 59' W., bet. secs. 6 and 31. Over rolling land, through scattered timber and undergrowth.
	Asc. 60 ft. over E. slope.
5.50	Spur, slopes S.; desc. 220 ft. over W. slope.
28.40	Small limestone ledge, 6 ft. high, faces W.

Survey of the North Boundary, T. 37 N., R. 13 W.

<p>Chains 32.60 39.95</p>	<p>Wash, 10 lks. wide, 3 ft. deep; drains NW.; asc. 80 ft. over NE. slope.</p> <p>Spur, slopes N.</p>
<p>40.00 42.00 78.26</p>	<p>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., 4 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked $\frac{1}{4}$ S. 31 S 6 1956</p> <p>Desc. 25 ft. over NW. slope; thence across gently rolling land.</p> <p>The cor. of Ts. 37 and 38 N., Rs. 13 and 14 W., an iron post; 3 ins. diam., set, marked and described in the official record. Land, rolling. Soil, sandy and gravelly. Timber, none; undergrowth, sage and blackbrush, some grass.</p>
<p>----- Portion of the Subdivision of T. 37 N., R. 13 W. -----</p>	
<p>22.50 40.00</p>	<p>Beginning at the standard cor. of secs. 33 and 34, on the south boundary of T. 37 N., R. 13 W., an iron post, 2 ins. diam., set, marked and described in the official record. N. $0^{\circ} 02'$ W., bet. secs. 33 and 34. Over rolling land, through dense timber and scattered undergrowth. Desc. 125 ft. over NW. slope to $\frac{1}{4}$ S33 S34 1956 from which</p>
<p>62.65 67.50 74.80 80.00</p>	<p>A cedar, 8 ins. diam., bears S. 43° W., 76 lks. dist., marked $\frac{1}{4}$ S33 BT.</p> <p>A cedar, 7 ins. diam., bears S. 19° E., 22 lks. dist., marked $\frac{1}{4}$ S34 BT.</p> <p>Continue descending 95 ft. over moderate NE. slope.</p> <p>Base of ascent; asc. 30 ft. over S. slope.</p> <p>E. end of spur, slopes E.</p> <p>Desc. 105 ft. over N. slope.</p> <p>Point for the cor. of secs. 27, 28, 33, and 34.</p>

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

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

T37N R13W
S28 | S27
S33 | S34
1956

raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor. from which

A cedar, 6 ins. diam., bears S. 10° W., 21 lks. dist., marked T37N R13W S33 BT.

A cedar, 10 ins. diam., bears N. 75° W., 51 lks. dist., marked T37N R13W S28 BT.

Land, rolling.
Soil, gravelly loam.
Timber, cedar; undergrowth, sage, mountain mahogany and bitter brush.

N. 0° 02' W., bet. secs. 27 and 28.

Over rolling land, through dense timber and medium undergrowth.

Descend 100 ft. over moderate N. slope.

18.25 Leave dense timber, into dense undergrowth.

26.25 Base of spur; asc. 65 ft. over S. slope.

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., 10 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked

1/4

S28 | S27

1956

raise a mound of stone, 2 1/2 ft. base, 2 ft. high, N. of cor. from which

A cedar, 8 ins. diam., bears N. 30° W., 60 lks. dist., marked 1/4 S28 BT.

40.50 Spur, slopes W.; desc. 55 ft. over NW. slope.

54.25 Wash, 10 lks. wide, 3 ft. deep, drains NW.

54.35 Base of spur; asc. 115 ft. over SW. slope.

64.40 Rocky spur, slopes NW.; desc. 190 ft. over NE. slope.

67.25 Wash, 20 lks. wide, 4 ft. deep, drains NW.; asc. 30 ft. over SW. slope to cor.

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

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

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 to cap, with brass cap marked

T37N R13W
S21 | S22
S28 | S27
1956

No bearing trees available.

Land, rolling.

Soil, gravelly loam.

Timber, cedar; undergrowth, sage and mahogany, some grass.

N. 0° 02' W., bet. secs. 21 and 22.

Over rolling land, through scattered timber and heavy undergrowth.

Across top of spur.

7.65

N. end of spur; desc. 85 ft. over N. slope.

14.85

Wash, 20 lks. wide, 6 ft. deep, drains NW.; asc. 40 ft. over S. slope.

15.05

W. tip of spur, slopes W.; desc. 245 ft. over NW. slope.

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., 14 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked

1/4
S21 | S22
1956

from which

A cedar, 4 ins. diam., bears N. 46 1/2° E., 25 lks. dist., marked 1/4 S22 BT.

Continue descending 75 ft. over NW. slope.

55.85

Draw, drains WNW.; asc. 85 ft. over S. slope.

67.85

Spur, W. end, slopes W.; desc. 135 ft. over 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., 18 ins. firmly in the ground, and in a mound of stone to cap, with brass cap marked

T37N R13W
S16 | S15
S21 | S22
1956

Land, rolling.

Soil, sandy and gravelly loam.

Timber, cedar; undergrowth, sage, mahogany and sparse grass.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

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

Over rolling land, through medium timber and undergrowth.

2.40 Road, track, bears E. and W.

3.00 Wash, 5 lks. wide, 16 ft. deep, drains NE.

4.60 Base of spur, asc. 130 ft. over SE. slope.

12.30 Spur, slopes E.; desc. 205 ft. over NE. slope.

36.20 Road, dozed, bears N. 30° E. and S. 30° W.

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., 26 ins. firmly in the ground, with brass cap marked

$\frac{1}{4}$

S16 | S15

1956

from which

Center of dirt, water tank, approximately 3 chs. diam., bears S. 47° E., 11.20 chs. dist.

Thence across small valley, bears WNW. and ESE.

56.00 Base of spur; asc. 65 ft. over SW. slope.

64.00 S. edge of spur, slopes W.; thence along W. slope.

79.95 N. edge of spur, desc. 20 ft. over NW. slope to cor.

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. firmly in the ground, with brass cap marked

T37N R13W

S9 | S10

S16 | S15

1956

raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

from which

A cedar, 8 ins. diam., bears S. $47\frac{1}{2}^{\circ}$ E., 50 lks. dist., marked T37N R13W S15 BT.

A cedar, 6 ins. diam., bears West, 60 lks. dist., marked T37N R13W S16 BT.

A cedar, 6 ins. diam., bears N. 56° W., 61 lks. dist., marked T37N R13W S9 BT.

Land, rolling.

Soil, sandy loam.

Timber, cedar; undergrowth, sage, black brush and bitter brush.

N. $0^{\circ} 02'$ W., bet. secs. 9 and 10.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains	<p>Over rolling land, through medium timber and undergrowth.</p> <p>Desc. 85 ft. over NW. slope.</p> <p>10.05 End of descent; thence across nearly level mesa.</p> <p>27.05 Base of spur; asc. 55 ft. over SW. slope.</p> <p>30.55 Spur, slopes W.; desc. 95 ft. over NW. slope.</p> <p>40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 20 ins. firmly in the ground, with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S9 S10</p> <p style="text-align: center;">1956</p> <p>raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.</p> <p>from which</p> <p style="padding-left: 40px;">A cedar, 6 ins. diam., bears S. 1° E., 11 lks. dist., marked $\frac{1}{4}$ S10 BT.</p> <p style="padding-left: 40px;">A cedar, 12 ins. diam., bears S. 44° W., 33 lks. dist., marked $\frac{1}{4}$ S9 BT.</p> <p>Continue descending 35 ft. over NW. slope.</p> <p>54.00 Wash, 5 lks. wide, 3 ft. deep, drains W.; asc. 50 ft. over SW. slope.</p> <p>64.30 Wash, 10 lks. wide, 4 ft. deep, drains W.; continue ascending 75 ft. over SW. slope.</p> <p>80.00 Point for the cor. of secs. 3, 4, 9, and 10.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 14 ins. firmly in the ground, and in a mound of stone to cap, with brass cap marked</p> <p style="text-align: center;">T37N R13W S4 S3 S9 S10 1956</p> <p>No bearing trees available.</p> <p>Land, rolling to mesa. Soil, sandy and gravelly loam. Timber, cedar; undergrowth, sage, mahogany and black brush.</p> <hr/> <p>N. 0° 05' W., bet. secs. 3 and 4.</p> <p>Over rolling land, through scattered timber and undergrowth.</p> <p>Across W. slope of ridge.</p> <p>5.90 N. edge of spur; desc. 105 ft. over NW. slope.</p> <p>10.00 Wash, 5 lks. wide, 6 ft. deep, drains W.; continue descending 170 ft. over NW. slope.</p>
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Portion of the Subdivision of T. 37 N., R. 13 W.

Chains	
17.00	Hobble Canyon, bears N. 80° E. and S. 70° W.
17.70	Wash, 20 lks. wide, 6 ft. deep, drains W.
18.70	Road, dozed, bears N. 80° E. via Imalys resort to Wolfe Hole and St. George, Utah, and S. 80° W., to Cain Springs and Poccum Wash.
19.70	Base of ridge; asc. 430 ft. over S. 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., on solid rock, and in a mound of stone to cap, with brass cap marked S4 S3 1956
42.00	Fence, 4 strand barbed wire, bears N. 50° E. and S. 50° W.
48.10	Same fence, bears N. 15° W. and S. 15° E. to fence cor.
49.00	Small draw, 20 ft. deep, drains W.; asc. 105 ft. over S. slope of rocky ledge, facing NE.
56.10	Ridge, bears E. and W.; desc. 175 ft. over rocky N. slope.
77.10	Wash, 10 lks. wide, 2 ft. deep, drains NNE.
80.08	The cor. of secs. 3, 4, 33, and 34, on the north bdy. of T. 37 N., R. 13 W. Land, rolling. Soil, rocky. Timber, cedar; undergrowth, sage and blackbrush.

	Beginning at the cor. of secs. 15, 16, 21 and 22
	West, bet. secs. 16 and 21
	Over rolling land, through timber and undergrowth.
	Descend 50 ft. over WNW. slope.
1.10	Wash, 10 lks. wide, 8 ft. deep, drains NE.
1.20	Road, track, bears N. 30° E. and S. 30° W.
9.75	Base of spur; asc. 50 ft. over E. slope.
19.50	Spur, slopes SE.; desc. 95 ft. over SW. slope.
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. firmly in the ground, and in a mound of stone to cap, with brass cap marked S16 S 21 1956 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains	
	Desc. 40 ft. over W. slope.
42.65	Wash, 5 lks. wide, 3 ft. deep, drains N.
42.75	Base of spur; asc. 290 ft. over steep SE. slope.
58.75	Spur, slopes SSW.; desc. 430 ft. over SW. slope.
74.00	Wash, 5 lks. wide, 5 ft. deep, drains NW.; continue descending 260 ft. over SW. slope.
80.00	Point for the cor. of secs. 16, 17, 20, and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. firmly in the ground, and in a mound of stone to cap, with brass cap marked
	T37N R13W S17 S16 S20 S21 1956
	raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.
	Land, rolling. Soil, shallow and rocky. Timber, cedar, undergrowth, black brush and sage.
	N. 0° 03' W., bet. secs. 16 and 17. Over rolling land, through scattered timber and undergrowth.
1.20	Wash, 5 lks. wide, 3 ft. deep, drains NW.
16.20	N. end of ridge; desc. 190 ft. over steep NW. slope.
22.85	Jump canyon, bears E. and W.; thence across canyon bottom.
24.45	Read, dezed, bears E. and W.
25.25	Wash, 10 lks. wide, 6 ft. deep, drains SW.
27.40	Base of ridge, asc. 160 ft. over SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked
	S17 S16 1956
	Continue ascending 100 ft. over SE. slope.
52.30	Top of ascent; desc. 155 ft. over ENE. slope.
79.50	Draw, drains SSE.
80.00	Point for the cor. of secs. 8, 9, 16, and 17. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. firmly in the ground, with brass cap marked

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

T37N R13W

S8 | S9

S17 | S16

1956

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

A cedar, 4 in. diam., bears S. $59\frac{1}{2}^{\circ}$ W., 33 lks. dist.,
marked T37N R13W S17 BT.

A cedar, 6 ins. diam., bears N. 22° W., 70 lks. dist.,
marked T37N R13W S8 BT.

A cedar, 4 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ E., 18 lks. dist.,
marked T37N R13W S16 BT.

Land, rolling.

Soil, shallow and rocky.

Timber, cedar; undergrowth, sage and blackbrush.

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

S. $89^{\circ} 56'$ W., bet. secs. 9 and 16.

Over rolling land, through medium timber and undergrowth.

Desc. 40 ft. over W. slope; thence along N. slope of spur.

15.65 Small knoll, slopes N.; asc. 65 ft. over gradual E. slope.

23.00 Road, dozed, bears N. 20° E. and S. 20° W.; desc. 20 ft. over
W. slope.

32.10 Base of spur; asc. 70 ft. over E. slope.

40.03 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., 18 ins. firmly in
the ground, and in a mound of stone to cap, with brass cap marked

$\frac{1}{4}$ $\frac{S 9}{S 16}$

1956

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

Continue ascending 55 ft. over SE. slope.

48.55 Wash, 10 lks. wide; 15 ft. deep, drains SE.; asc. 270 ft. over
E. slope.

58.55 Spur, slopes S.; desc. 225 ft. over SW. slope.

59.40 Wash, 5 lks. wide, 4 ft. deep, drains S.

80.06 The cor. of secs. 8, 9, 16, and 17.

Land, rolling.

Soil, shallow and rocky.

Timber, cedar; undergrowth, sage and black brush.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

Beginning at the standard cor. of secs. 32 and 33, on the south bdy. of T. 37 N., R. 13 W., an iron post, 2 ins. diam., set, marked and described in the official record.

N. 0° 03' W., bet. secs. 32 and 33.

Over rolling land, through scattered timber and dense undergrowth.

Desc. 40 ft. over gradual NE. slope.

28.85 Toe of slope; asc. 40 ft. over S. slope.

29.20 Spur, slopes E.; desc. 65 ft. over N. slope to cor.

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., 24 ins. firmly in the ground, with brass cap marked

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

1956

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

from which

A cedar, 4 ins. diam., bears S. 75° W., 22 lks. dist., marked $\frac{1}{4}$ S32 BT.

Continue descending 130 ft. over gradual N. slope.

50.00 Enter thick growth of cedar.

65.00 Road, track, bears N. 10° E. and S. 10° W.

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., 24 ins. firmly in the ground, with brass cap marked

T37N R13W
S29 | S28
S32 | S33
1956

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

from which

A cedar, 6 ins. diam., bears S. 72° W., 53 lks. dist., marked T37N R13W S32 BT.

A cedar, 8 ins. diam., bears N. 2 $\frac{1}{2}$ ° W., 23 lks. dist., marked T37N R13W S29 BT.

A cedar, 12 ins. diam., bears N. 88° E., 48 lks. dist., marked T37N R13W S28 BT.

Land, rolling.

Soil, shallow and gravelly.

Timber, cedar; undergrowth, sage and black brush.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

Beginning at the standard cor. of secs. 31 and 32, on the south bdy. of T. 37 N., R. 13 W., an iron post, 2 ins. diam., set, marked and described in the official record.

N. 0° 03' W., bet. secs. 31 and 32.

Over rolling land, through scattered timber and dense undergrowth.

Desc. 135 ft. over NW. slope.

15.75 Shallow draw, drains NE. from SSW. 1 1/2 chs. dist., asc. 120 ft. over rocky SE. slope.

31.60 Small spur, slopes NE.; desc. 110 ft. over NW. slope to cor.

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., 24 ins. firmly in the ground, with brass cap marked

S31 | S32

1956

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

Continue descending 95 ft. over NW. slope, through dense undergrowth.

52.50 Toe of spur; asc. 65 ft. over SE. slope.

59.30 Spur, slopes NW.; desc. 160 ft. over NW. slope to cor.

71.40 Enter dense growth of timber.

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. firmly in the ground, with brass cap marked

T37N R13W

S30 | S29

S31 | S32

1956

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

from which

A cedar, 8 ins. diam., bears N. 58° E., 24 lks. dist., marked T37N R13W S29 BT.

Land, rolling.

Soil, gravelly and rocky.

Timber, cedar; undergrowth, sage, mahogany and black brush.

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

N. 89° 59' W., bet. secs. 29 and 32.

Over rolling land, through dense timber and scattered undergrowth.

Asc. 108 ft. over E. slope of spur.

7.70 Leave dense growth of timber, into scattered timber.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

- 10.60 Top knoll; desc. 50 ft. over W. slope.
- 18.95 Wash, 10 lks. wide, 3 ft. deep, drains NE.; asc. 175 ft. over E. slope.
- 39.00 Spur, slopes N.
- 40.01 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. firmly in the ground, with brass cap marked

$\frac{1}{4}$ $\frac{S\ 29}{S32}$

1956

from which

A cedar, 6 ins. diam., bears N. 15° W., 55 lks. dist., marked $\frac{1}{4}$ S29 BT.

A cedar, 8 ins. diam., bears S. 70° E., 20 lks. dist., marked $\frac{1}{4}$ S32 BT.

- 42.00 W. end of spur; desc. 90 ft. over moderate W. slope.
- 60.15 Wash, 10 lks. wide, 6 ft. deep, drains NE.; asc. 210 ft. over E. slope.
- 74.90 Spur, slopes NNE.; desc. 65 ft. over W. slope.
- 80.02 The cor. of secs. 29, 30, 31, and 32.

Land, rolling.
Soil, gravelly and rocky.
Timber, cedar; undergrowth, sage and blackbrush.

Beginning at the standard cor. of secs. 35 and 36, on the south bdy. of T. 37 N., R. 13 W., an iron post, 2 ins. diam., set, marked and described in the official record.

N. 0° $01'$ W., bet. secs. 35 and 36.

Over rolling land, through scattered timber and undergrowth.

Desc. 90 ft. over W. slope.

- 4.80 Shallow draw, drains W.; thence across W. slope of main ridge.
- 12.10 Wash, 5 lks. wide, 3 ft. deep, drains W. out of ridge.
- 16.85 Point of descent; desc. 75 ft. over NW. slope.
- 20.95 Wash, 5 lks. wide, 6 ft. deep, drains W. out of ridge.

- 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., 18 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked

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

1956

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

from which.
A pinon, 12 ins. diam., bears S. 43 1/2° W., 28 lks. dist., marked 1/4 S35 BT.

Desc. 65 ft. over NW. slope.

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

48.70 Wash, 5 lks. wide, 4 ft. deep, drains W.

60.55 Point of descent; desc. 105 ft. over NW. slope off main ridge.

66.50 Bottom of canyon; thence across canyon.

66.80 Road, track, bears N. 40° E. and S. 40° W.

67.00 Wash, 5 lks. wide, 8 ft. deep, drains SW.; asc. 245 ft. over S. 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., 10 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked

T37N R13W
S26 | S25
S35 | S36
1956

No bearing trees available.

Land, rolling.

Soil, rocky.

Undergrowth, sage and black brush.

Beginning at the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the township, an iron post, 2 ins. diam., set, marked and described in the official record.

S. 89° 58' W., bet secs. 25 and 36.

Over rolling land, through medium undergrowth and timber.

Desc. 20 ft. over W. slope.

12.90 Wash, 15 lks. wide, 3 ft. deep, drains NW.

13.10 Road, track, bears N. 40° E. and S. 55° W.; asc. 100 ft. over gradual E. slope to cor. also entering dense growth of timber at this point.

40.025 Point for the 1/4 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to cap with brass cap mkd.

1/4 S 25
S 36

1956

from which

A cedar, 8 ins. diam., bears S. 32° E., 15 lks. dist., marked 1/4 S36 BT.

Portion of the Subdivision of T. 37 N., R. 13 W.

Chains

A cedar, 12 ins. diam., bears N. 17° W., 24 1/2 lks. dist., marked S25 BF.

Continue ascending 30 ft. over E. slope.

41.85 Ridge, bears N. and S.

50.05 W. end of ridge; desc. 140 ft. over W. slope.

80.05 The cor. of secs. 25, 26, 35, and 36.

Land, rolling.
Soil, rocky.
Timber, cedar; undergrowth, sage, black brush and bitter brush.

General Description

The land is principally of limestone rock and shallow soil covered with a medium growth of timber. The land is very high and lies in the upper Grand Wash ledge, approximately 1500 ft. above normal elevation.

Hobble and Jump Canyons are the main drainage for the township. Jump Canyon drains in a southerly direction near the south bdy. and drains into Hidden Canyon below the Grand Ledge. Hobble Canyon crosses the north bdy. of the township near the cor. of secs. 2, 3, 34, and 35, and leaves the township in a northwesterly direction near the cor. of secs. 4, 5, 32, and 33 and rains into the Poccum Wash to the west.

There is good water in the township, Jump Springs, (upper and lower) and is located near the southeast cor. of sec. 30. Inalys resort lies less than 1/2 mile north of the northeast cor. of the township, where a good spring empties into a large dirt tank used in watering sheep.

There are several dirt tanks throughout the township that are seasonal for water.

There are many dozed roads, one road courses the Hobble Canyon and one courses the Jump Canyon. Jump Canyon road intersects with Hobble Canyon road in section 3.

1935

69
19

BOOK 4510

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Arlo P. Lloyd	ass't instrumentman
John R. Koger	ass't instrumentman
Kenneth C. Pettingill	Note Keeper
Paul D. Barnes	flagman
Bob Lee Brackenbury	truck driver and axeman
Eugene Owens	axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, George M. Boofer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22 day of September, 1954, I have surveyed the north boundary and a portion of the subdivision of township 37 north, range 13 west.

of the G. & S.R. Meridian, in the State of Arizona, 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 20, 1956
Salt Lake City, Utah

George M. Boofer
Cartographer, Cadastral

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., NOV 26 1956, 19

The foregoing field notes of the survey of the north boundary and a portion of the subdivision of township 37 north, range 13 west.

executed by George M. Boofer Cartographer, Cadastral
having been critically examined and found correct, are hereby approved.

Carl S. 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.