

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE WEST BOUNDARY

AND THE SURVEY OF THE

SUBDIVISIONAL LINES

OF

TOWNSHIP 37 NORTH, RANGE 15 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

DELL CAZIER, CADASTRAL SURVEYOR (Chief of Party)

ALBURN D. GRIFFIN, CADASTRAL SURVEYOR

GLEN B. HATCH, SURVEY TECHNICIAN

*Under special instructions dated August 11, 1960, which provided
for the surveys included under Group No. 353, approved August 16, 1960
and assignment instructions dated October 26, 1960*

Survey commenced November 3, 1960

Survey completed November 21, 1960

BOOK 4639

INDEX DIAGRAM

Township 37 NORTH, Range 15 WEST

4 6 37	37 5 36	28 4 28	22 3 21	16 2 16	10 1 10
4 7 35	36 8 35	27 9 27	21 10 20	15 11 15	9 12 9
3 18 33	34 17 33	26 16 25	20 15 19	14 14 14	8 13 8
2 19 32	32 20 31	25 21 24	19 22 18	13 23 13	7 24 7
2 30 30	30 29 29	24 28 23	18 27 17	12 26 11	6 25 6
1 31	29 32	22 33	17 34	11 35	5 36

Township 37 North, Range 15 West, Gila and Salt River Meridian, Arizona

1. B

Chains

The south boundary, Ninth Standard Parallel North, was surveyed by William E. Hiester in 1932-33. The east boundary was surveyed by D. R. Averill in 1929. The north and west boundaries were originally surveyed by George M. Boofer in 1955. The north boundary was dependently resurveyed by Boyd S. Owens in 1959.

The following field notes are those of the dependent resurvey, or reestablishment, of the west boundary and the survey of subdivisional lines of Township 37 North, Range 15 West.

The survey was initiated on the official request of the State Supervisor for Arizona for range administration purposes.

This survey was executed with two W. and L. E. Gurley transits, serial numbers 491037 and 580158, both constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were both in adjustment prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of the survey.

The direction of the lines of the survey were determined generally by sustained angulation carried forward from triangulation stations established in the area and verified by altitude observations on the sun for azimuth. Measurements were made with narrow steel tapes, 8 chains in length, graduated in tenths for the first 10 links, in links for the next 99, and thereafter at intervals of 10 links. The tapes were tested by comparison with a standard 1-chain 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 notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation and topography calls are approximate as scaled from U.S.G.S. topography sheets. Triangulation and traverse data were checked and verified prior to conclusion of the field work and in order to simplify the record the true line notes only are supplied herewith and refer to the completed survey.

The geographic position of the southeast corner of Township 37 North, Range 15 West is latitude $36^{\circ}33'27.00''$ North and longitude $113^{\circ}51'22.59''$ West as determined through section lines and direct tie to U.S.C. & G.S. triangulation station "Mosby" which is located on unsurveyed land, approximately $\frac{1}{2}$ mile northwest of the southwest corner of the township.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $15\frac{1}{2}^{\circ}$ East.

Dependent Resurvey, W. Bdy., T.37 N., R.15 W.

Reestablishment of the Survey Executed by
George M. Boofer in 1955

Beginning at the standard corner of T.37N., Rs. 15 and 16 W., which is mkd. by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

from which

The U.S. Coast and Geodetic Survey triangulation station "Mosby" bears N. $32^{\circ}16'W.$, 41.89 chs. dist., latitude, $36^{\circ}33'50.049''N.$, longitude $113^{\circ}57'45.599''W.$

N. $0^{\circ}08'W.$, bet. secs. 31 and 36.

Dependent Resurvey, W. Bdy., T.37 N., R.15 W.

2.

2

Chains	
	Over rolling land, through scattered timber and undergrowth.
11.30	Wash, 50 lks. wide, 2 ft. deep, drains SE.; asc. 115 ft. over moderate SE. slope.
23.90	Spur, slopes SE.; desc. 30 ft. over gradual NE. slope.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 31 and 36, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
—————	
	N.0°08'W., beginning new measurement.
5.10	Wash, 50 lks. wide, 6 ft. deep, drains SE.; asc. 70 ft. over SW. slope.
39.05	Small spur, slopes SW.; desc. 125 ft. over NW. slope.
40.00	The cor. of secs. 25, 30, 31 and 36, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
	Land, rolling. Soil, sandy, gravelly and rocky. Timber, Joshua; undergrowth, blackbrush and cacti.
—————	
	N.0°08'W., bet. secs. 25 and 30.
	Over rolling land, through scattered timber and undergrowth.
10.40	Wash, 15 lks. wide, 3 ft. deep, drains NW.
17.65	Point of ridge, jutting NW.; desc. 160 ft. over NW. slope.
20.55	Wash, 1 ch. wide, 4 ft. deep, drains NW.
30.65	Wash, 30 lks. wide, 8 ft. deep, drains NE.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 25 and 30, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
—————	
	N.0°08'W., beginning new measurement.
	Desc. 20 ft. over N. slope.
10.00	Wash, 20 lks. wide, 3 ft. deep, drains NE.
19.00	Wash, 30 lks. wide, 4 ft. deep, drains E.
23.20	Wash, 1 ch. wide, 4 ft. deep, drains E.
31.50	Wash, 10 lks. wide, 2 ft. deep; drains E.; asc. 65 ft. over E. slope.
40.00	The cor. of secs. 19, 24, 25 and 30, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
	Land, rolling. Soil, sandy, gravelly, and rocky. Timber, Joshua; undergrowth, blackbrush and cacti.
—————	
	N.0°08'W., bet. secs. 19 and 24.
	Over rolling land, through scattered timber and undergrowth; desc. 25 ft. over gradual N. slope.
10.40	S. rim of canyon, bears E. and W.; desc. 85 ft. over broken N. slope.

Dependent Resurvey, W. Bdy., T.37 N., R.15 W.

3.

Chains	
16.10	Bottom of canyon; asc. 175 ft. over S. slope.
23.60	N. rim of canyon; desc. 85 ft. over gradual NW. slope.
34.20	Wash, 25 lks. wide, 2 ft. deep, drains SE.
39.65	Wash, 50 lks. wide, 2 ft. deep, drains SE.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 19 and 24, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
	N.0°08'W., beginning new measurement.
	Asc. 80 ft. over S. slope of ledge rock.
12.80	Spur, slopes SE.; desc. over NE. slope.
15.65	Wash, 20 lks. wide, 3 ft. deep, drains E.
24.70	Spur, slopes E.; desc. 20 ft. over N. slope.
28.40	Wash, 25 lks. wide, 8 ft. deep, drains E.
32.45	Spur, slopes E.; desc. 40 ft. over N. slope.
40.00	The cor. of secs. 13, 18, 19 and 24, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
	Land, rolling. Soil, very rocky (ledge rock). Timber, none; undergrowth, scattered sagebrush, cacti.
	N.0°08'W., bet. secs. 13 and 18.
	Over rocky, rolling land, through scattered undergrowth.
9.50	Small wash, 15 lks. wide, 2 ft. deep, drains E.
19.05	Spur, slopes E.; desc. 100 ft. over NE. slope.
21.45	Wash, 10 lks. wide, 4 ft. deep, drains E.; asc. 175 ft. over SE. slope.
24.00	Main ridge, bears N.20°E. and S.20°W., slopes SW.; desc. 425 ft. over NW. slope.
37.90	Jacobs Dugout Road, bears NE. and SW.
39.45	Wash, 10 lks. wide, 2 ft. deep, drains NE.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 13 and 18, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.
	N.0°08'W., beginning new measurement.
	Asc. 50 ft. over E. slope of dirt bank.
12.00	Fence, barbed wire, bears N.15°E. and S.15°W.
14.95	Wash, 30 lks. wide, 6 ft. deep, drains SE.
15.85	Track road, bears NE. and SW.
18.60	Wash, 10 lks. wide, 8 ft. deep, drains SE.

Chains	
23.50	Knoll, slopes E.; desc. 10 ft. over NE. slope.
28.85	Wash, 20 lks. wide, 8 ft. deep, drains SE.
40.00	<p>The cor. of secs. 7, 12, 13 and 18, mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.</p> <p>Land, rolling. Soil, sandy and gravelly. Timber, Joshua and pinon; undergrowth, black brush and cacti.</p>
N.0°08'W., bet. secs. 7 and 12.	
Over rolling land, through medium growth timber and undergrowth.	
2.50	Wash, 10 lks. wide, 3 ft. deep, drains SE.
8.20	Wash, 10 lks. wide, 4 ft. deep, drains SE.; asc. 60 ft. over SE. slope.
17.95	Small spur, slopes SE.; desc. 40 ft. over NE. slope.
22.70	Wash, 40 lks. wide, 9 ft. deep, drains E.
38.40	Wash, 30 lks. wide, 4 ft. deep, drains E.
40.00	The ¼ sec. cor. of secs. 7 and 12, mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.
N.0°08'W., beginning new measurement.	
10.05	Wash, 20 lks. wide, 6 ft. deep, drains SE.
18.15	Wash, 50 lks. wide, 20 ft. deep, drains S.80°E.
40.00	<p>The cor. of secs. 1, 6, 7 and 12, mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.</p> <p>Land, gently rolling. Soil, sandy, gravelly and rocky. Timber, cedar and pinon; undergrowth, black brush and greasewood.</p>
N.0°08'W., bet. secs. 1 and 6.	
Over rolling land, sloping E., through scattered timber and undergrowth.	
1.20	Small wash, 10 lks. wide, 3 ft. deep, drains E.
12.50	Wash, 15 lks. wide, 8 ft. deep, drains SE.
16.10	Wash, 50 lks. wide, 20 ft. deep, drains SE.; asc. 35 ft. over gradual E. slope.
39.42	Point for the witness ¼ sec. cor. of secs. 1 and 6 at record dist.; there is no remaining evidence of the original witness ¼ sec. cor. and this point is not remonumented.
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. in diam., 20 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p>

Dependent Resurvey, W. Bdy., T.37 N., R.15 W.

5.

Chains

T37N
R16W R15W
 $\frac{1}{4}$
S1 | S6
1960

- 43.70 Small spur, slopes E.
54.90 Wash, 20 lks. wide, 7 ft. deep, drains S.75°E.
71.00 Wash, 20 lks. wide, 20 ft. deep, drains S.75°E.
75.15 Wash, 5 lks. wide, 3 ft. deep, drains SE.
78.91 The cor. of secs. 1, 6, 31 and 36, Ts.37 and 38 N., Rs. 15 and 16 W., monumented by an iron post, 2½ ins. in diam., set, mkd. and witnessed as described in the official record.

Land, rolling.

Soil, sandy, gravelly and rocky.

Timber, pinon and cedar; undergrowth, black brush, cacti.

Subdivision of T.37 N., R.15 W.

Beginning at the standard corner of secs. 35 and 36, on the S. bdy. of the township, mkd. by an iron post, 2 ins. in diam., set, mkd., and witnessed as described in the official record.

N.0°01'W., bet. secs. 35 and 36.

Over rolling and broken land, through scattered timber and undergrowth.

Asc. S. slope of mesa.

- 21.00 Top of asc., begin desc. over steep N. slope.
31.00 Bottom of desc.; draw drains to SW.
40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

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

T37N R15W
 $\frac{1}{4}$
S35 | S36
1960

thence asc. S. slope.

- 56.00 Top of asc.; begin desc. N. slope.
60.00 Ravine, drains SW.
80.00 Point for the cor. of secs. 25, 26, 35 and 36.

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

T37N R15W
S26 | S25
S35 | S36
1960

Chains

Land, rolling and broken.
Soil, rocky.
Timber, none; undergrowth, cacti.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the township, marked by an iron post, 2 ins. diam., set, mkd., and witnessed as described in the official record.

N.89°57'W., bet. secs. 25 and 36.

Over rolling and broken land, through scattered timber and undergrowth.

Desc. 250 ft. over W. slope.

12.60 Draw, drains to S.; begin abrupt asc. E. slope.

22.50 Ridge, bears N. and S.; thence over gently rolling land.

40.06 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., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

$\frac{1}{4}$ S 25
S 36

1960

43.50 Gradual asc. to spur.
Road, unimproved, bears NW. and SE.

62.00 Low spur, bears N. and S.; desc. 40 ft.

70.30 Small ravine, drains S.

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

Land, rolling and broken E. $\frac{1}{2}$ mile and gently rolling in W. $\frac{1}{2}$ mile.
Soil, rocky.
Timber, Joshua; undergrowth, cacti.

N.0°01'W., bet. secs. 25 and 26.

Over gently rolling land, through scattered timber and undergrowth.

Asc. S. slope of ridge.

21.60 Top of low spur, desc. N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 4 ins. in the ground, to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

$\frac{1}{4}$
S26 | S25

1960

Continue gradual desc. N. slope.

52.00 Wash, 20 lks. wide, 2 ft. deep, drains W.; asc. SE. slope.

Subdivision of T.37 N., R.15 W.

7.

Chains

72.80 Top of asc.; begin gradual desc. N. slope.

80.00 Point for the cor. of secs. 23, 24, 25 and 26.

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

T37N R15W
 S23 | S24
 S26 | S25
 1960

Land, gently rolling.
 Soil, rocky.
 Timber, Joshua; undergrowth, cacti.

From the cor. of secs. 19, 24, 25 and 30 on the E. bdy. of the township, marked by an iron post, 2 ins. diam., set, mkd., and witnessed as described in the official record.

S.89°59'W., bet. secs. 24 and 25.

Over gently rolling land, through scattered timber and undergrowth.

25.10 Wash, 15 lks. wide, 2 ft. deep, drains S.

40.10 Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S 24
 S 25
 1960

60.30 Wash, 10 lks. wide, 2 ft. deep, drains SW.; asc. E. slope.

67.30 Top of asc.; begin gentle desc. W. slope.

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

Land, gently rolling.
 Soil, gravelly, rocky.
 Timber, Joshua; undergrowth, cacti.

N.0°01'W., bet. secs. 23 and 24.

Over gently rolling land, through scattered desert undergrowth void of timber.

4.00 Wash, 30 lks. wide, 2 ft. deep, drains SW.

10.00 Wash, 30 lks. wide, 2 ft. deep, drains E.

35.00 Small draw, drains W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$
 S23 | S24
 1960

Chains

57.50 Ravine, drains SW.; gentle asc., S. slope. . .
 76.00 Top of asc.; begin gentle desc. to sec. cor.
 80.00 Point for the cor. of secs. 13, 14, 23 and 24.
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam, over X mkd. on bed rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37N R15W
 S14|S13
 S23|S24
 1960

Land, gently rolling.
 Soil, black lava rock, gravelly.
 Timber, none; undergrowth, cacti.

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

S.89°52'W., bet. secs. 13 and 24.

Over nearly level land, through desert undergrowth void of timber.

3.70 Wash, 20 lks. wide, 3 ft. deep, drains S.
 35.60 Small ravine, drains to SW.
 40.10 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S13
 S24
 1960

61.40 Wash, 30 lks. wide, 2 ft. deep, drains S.
 80.20 The cor. of secs. 13, 14, 23 and 24.

Land, nearly level.
 Soil, gravelly, rocky.
 Timber, none; undergrowth, cacti.

N.0°01'W., bet. secs. 13 and 14.

Over rolling land, through scattered timber and undergrowth.

7.70 Small draw, drains SW.; asc. gentle S. slope.
 20.00 Top of asc.; begin gentle desc. over N. slope.
 27.70 Small draw, drains SW.
 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14.
 Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 5 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S14|S13
 1960

Chains

45.00 Wash, 40 lks. wide, 3 ft. deep, drains SW.

74.70 Small draw, drains W.; begin gentle asc. S. slope.

80.00 Point for the cor. of secs. 11, 12, 13 and 14.

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

T37N R15W

S11 | S12

S14 | S13

1960

Land, rolling.

Soil, rocky.

Timber, cedar; undergrowth, cacti.

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

S.89°53'W., bet. secs. 12 and 13.

Over rolling land, through scattered timber and undergrowth.

Gentle asc.

15.40 Low ridge, bears N. and S.; desc.

21.00 Wash, 20 lks. wide, 2 ft. deep, drains SW.

28.30 Road, unimproved, bears N.10°E., and S.10°W.

40.15 Point for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13.

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

T37N R15W

$\frac{1}{4}$ S12

S13

1960

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

Land, rolling.

Soil, gravelly, rocky.

Timber, cedar; undergrowth, cacti.

N.0°01'W., bet. secs. 11 and 12.

Over rolling land, through scattered timber and undergrowth.

Continue gentle asc.

9.40 Top of asc.; desc. N. slope of spur projecting W.

17.10 Wash, 20 lks. wide, 1 ft. deep, drains W.

29.70 Small wash, drains to SW.; begin gentle asc., S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12.

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

Chains

T37N R15W
 $\frac{1}{4}$
 S11 | S12
 1960

- 59.70 Top of asc.; desc. N. slope.
 68.50 Wash, 40 lks. wide, 3 ft. deep, drains SW.
 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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 S 2 | S 1
 S11 | S12
 1960

Land, rolling.
 Soil, gravelly, rocky.
 Timber, cedar; undergrowth, cacti.

From the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the township marked by an iron post, 2 ins. diam., set, mkd., and witnessed as described in the official record.

S.89°55'W., bet. secs. 1 and 12.

Over nearly level land, through medium growth trees and sparse undergrowth.

- 11.80 Wash, 40 lks. wide, 4 ft. deep, drains SW.
 18.50 Wash, 70 lks. wide, 5 ft. deep, drains NW.
 40.18 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., 6 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S 1
 S12
 1960

- 69.50 Wash, 20 lks wide, 2 ft. deep, drains SW.
 80.36 The cor. of secs. 1, 2, 11 and 12.

Land, nearly level.
 Soil, gravelly, rocky.
 Timber, cedar; undergrowth, cacti.

N.0°09'E., bet. secs. 1 and 2.

Over gently rolling land, through scattered timber and undergrowth.

- 15.60 Wash, 15 lks. wide, 3 ft. deep, drains W.; asc. S. slope.
 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 to bed rock, and in a mound of stone to top, with brass cap mkd.

Chains

T37N R15W

 $\frac{1}{4}$

S2 | S1

1960

54.50 Top of asc.; begin gradual desc. N. slope.

71.65 Small draw, drains to W.

80.13 The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the township, marked by an iron post, $2\frac{1}{2}$ in. diam., set, mkd. and witnessed as described in the official record.

Land, gently rolling.
Soil, gravelly, rocky.
Timber, cedar; undergrowth, cacti.

From the standard corner of secs. 34 and 35 on the S. bdy. of the township, marked by an iron post, 2 ins. diam., set, mkd., and witnessed as described in the official record.

N.0°01'W., bet. secs. 34 and 35.

Over rolling land, through scattered timber and undergrowth.

11.10 Ravine, drains S.70°W., for 8.00 chains thence S.; thence asc. 340 ft. to the $\frac{1}{4}$ sec. cor.40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35.

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

T37N R15W

 $\frac{1}{4}$

S34 | S35

1960

Continue asc. along SE. slope.

46.50 Top of mesa, gradual desc.

52.90 Small ravine, drains S.80°W.

75.30 Small ravine, drains S.45°W.; asc. 35 ft. to sec. cor.

80.00 Point for the cor. of secs. 26, 27, 34 and 35.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over mkd. X on bed rock, with a mound of stone to top, with brass cap mkd.

T37N R15W

S27 | S26

S34 | S35

1960

Land, rolling.
Soil, gravelly, rocky.
Timber, Joshua, cedar; undergrowth, cacti, black brush.

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

West, bet. secs. 26 and 35.

Over rolling and broken land, through desert undergrowth, void of timber.

12

Chains

Desc. about 250 ft.

35.00 Canyon, drains S.50°W., asc. to $\frac{1}{4}$ sec. cor.40.02 Point for the $\frac{1}{4}$ sec. cor. falls on a steep, rocky slope where the cor. cannot be monumented.43.92 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 26 and 35.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
$$\begin{array}{c} \text{T37N R15W} \\ \frac{1}{4} \begin{array}{c} \text{S26} \\ \text{S35} \end{array} \rightarrow \text{WC} \end{array}$$

Continue asc.

49.50 Ravine, drains S.20°W.

58.65 Ridge, bears NE. and SW.; desc.

74.30 Ravine, drains S.45°W.; asc. 15 ft. to sec. cor.

80.04 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and broken.

Soil, rocky.

Timber, none; undergrowth, cacti, black brush.

N.0°01'W., bet. secs. 26 and 27.

Over rolling land, through scattered timber and undergrowth.

Asc. gentle NE. slope.

12.60 Low ridge, bears N.40°E., and S.40°W., desc. NW. slope.

24.00 Wash, 15 lks. wide, 3 ft. deep, drains SW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 27.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
$$\begin{array}{c} \text{T37N R15W} \\ \frac{1}{4} \\ \text{S27 | S26} \\ \text{1960} \end{array}$$

Asc. steep SE. slope.

52.50 Slope changes from SE. to S. slope; continue asc.

80.00 Point for the cor. of secs. 22, 23, 26 and 27.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
$$\begin{array}{c} \text{T37N R15W} \\ \text{S22 | S23} \\ \text{S27 | S26} \\ \text{1960} \end{array}$$

Subdivision of T.37 N., R.15 W.

Chains

Land, rolling.
Soil, gravelly, rocky.
Timber, cedar; undergrowth, black brush, cacti.

From the cor. of secs. 23, 24, 25 and 26.

S.89°57'W., bet. secs. 23 and 26.

Over rolling land, through sparsely scattered timber and undergrowth.

5.90 Wash, 30 lks. wide, 2 ft. deep, drains SW.; asc. E. slope.

19.40 Spur, projects S.; desc.

27.70 Small ravine, drains SE.; asc.

32.00 Spur, projects SE.

35.50 Fence, barbed wire, bears SE. and NW.

39.98 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 26.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S23
S26
1960

44.40 Wash, 20 lks. wide, 2 ft. deep, drains SE.

72.00 Small draw, drains S..

79.96 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.
Soil, rocky.
Timber, cedar and Joshua; undergrowth, cacti.

N.0°01'W., bet. secs. 22 and 23.

Over gently rolling land, through scattered timber and undergrowth.

19.40 Low spur, projects NW.; desc. N. slope.

36.00 Wash, 20 lks. wide, 2 ft. deep, drains W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 23.

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

T37N R15W
 $\frac{1}{4}$ S22 | S23
1960

Asc. gentle S. slope of ridge projecting SW.

63.00 Low spur, projects NE.; desc. N. slope.

80.00 Point for the cor. of secs. 13, 14, 22 and 23.

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

Subdivision of T.37 N., R.15 W.

14.

Chains

T37N R15W
 S15|S14
 S22|S23
 1960

Land, rolling.
 Soil, gravelly, rocky.
 Timber, cedar; undergrowth, cacti.

From the cor. of secs. 13, 14, 23 and 24.

N.89°58'W., bet. secs. 14 and 23.

Over rolling land, through scattered timber and undergrowth.

7.00 Swale, drains SW.; asc. E. slope.

13.10 Top of asc.; gradual desc.

22.40 Wash, 20 lks. wide, 3 ft. deep, drains SW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23.

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

T37N R15W
 $\frac{1}{4}$ S14
 S23
 1960

53.70 Fence, barbed wire, bears N. and S..

80.00 The sec. cor. of secs. 14, 15, 22 and 23.

Land, rolling.
 Soil, gravelly, rocky.
 Timber, cedar; undergrowth, cacti, black brush.

N.0°01'W., bet. secs. 14 and 15.

Over gently rolling land, through scattered timber and undergrowth.

16.40 Wash, 80 lks. wide, 3 ft. deep, drains S.50°W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 15.

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

T37N R15W
 $\frac{1}{4}$ S15|S14
 1960

47.40 Low spur, projects S.40°W., desc. NW. slope.

59.30 Wash, 35 lks. wide, 2 ft. deep, drains S.80°W.

80.00 Point for the cor. of secs. 10, 11, 14 and 15.

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

Chains	
	<p style="text-align: center;">T37N R15W $\frac{S10}{S15} \frac{S11}{S14}$ 1960</p> <p>Land, gently rolling. Soil, rocky. Timber, cedar; undergrowth, cacti.</p>
	<p>From the cor. of secs. 11, 12, 13 and 14. West, bet. secs. 11 and 14. Over nearly level land, through scattered timber and undergrowth.</p>
24.40	Wash, 20 lks. wide, 3 ft. deep, drains S.
24.80	Road, unimproved, bears NW. and SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 14. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T37N R15W $\frac{1}{4} \frac{S11}{S14}$ 1960</p>
46.70	Fence, barbed wire, bears N. and S.
53.00	Wash, 20 lks. wide, 3 ft. deep, drains S.
80.00	The cor. of secs. 10, 11, 14 and 15. Land, nearly level. Soil, rocky. Timber, cedar; undergrowth, cacti.
	<p>N.0°01' W., bet. secs. 10 and 11. Over nearly level land, through scattered timber and undergrowth.</p>
11.00	Wash, 15 lks. wide, 2 ft. deep, drains SW.; asc. SE. slope.
25.50	Slope changes to S.; continue gentle asc.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
	<p style="text-align: center;">T37N R15W $\frac{1}{4} \frac{S10}{S11}$ 1960</p>
67.70	Spur, projects SW.; gentle desc.
71.20	Small draw, drains W.; gentle asc.
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 bed rock, and in a mound of stone to top, with brass cap mkd.

BOOK 4639

Subdivision of T.37 N., R.15 W.

16.

16

Chains

T37N R15W
 S 3 | S 2
 S10 | S11
 1960

Land, nearly level.
 Soil, gravelly, rocky.
 Timber, cedar; undergrowth, black brush and cactus.

From the cor. of secs. 1, 2, 11 and 12.

S.89°58'W., bet. secs. 2 and 11.

Over gently rolling land, through sparse timber and undergrowth.

21.70 Wash, 30 lks. wide, 2 ft. deep, drains SE.

39.50 Fence, barbed wire, bears N. and S.

39.96 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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S 2
 S11

53.60 Road, unimproved, bears N. and S.

79.92 The cor. of secs. 2, 3, 10 and 11.

Land, gently rolling.
 Soil, mostly black lava rock.
 Timber, cedar; undergrowth, cacti.

N.0°02'W., bet. secs. 2 and 3.

Over gently rolling land, through sparse timber and undergrowth.

3.60 End asc.; desc. NW. slope.

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

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., 6 ins. in the ground to bed rock and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$ S 2
 S 3 | S 2
 1960

43.10 Wash, 20 lks. wide, 2 ft. deep, drains W.; gentle asc.

45.30 Low spur, projects NE.; desc.

76.30 Wash, 2 chs. wide, 4 ft. deep, drains SW.

79.92 The cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the township, marked by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.

Land, gently rolling.
 Soil, rocky.
 Timber, cedar; undergrowth, cacti.

Subdivision of T.37 N., R.15 W.

17.

Chains	
	<p>From the standard corner of secs. 33 and 34 on the S. bdy. of the township, marked by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.</p> <p>N.0°02'W., bet. secs. 33 and 34.</p> <p>Over rolling land, through scattered timber and undergrowth.</p>
.20	Wash, 10 lks. wide, 2 ft. deep, drains SW.; asc. 185 ft. over S. slope of mesa.
20.30	Mesa top, bears generally N. 30°E., and S.30°W.
31.10	Begin steep desc. over NW. slope.
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ S33 S34 1960</p> <p>Continue desc. over NW. slope.</p>
50.00	Wash, 50 lks. wide, 5 ft. deep, drains SW.; begin asc.
80.00	<p>Point for the cor. of secs. 27, 28, 33 and 34.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W S28 S27 S33 S34 1960</p> <p>Land, rolling. Soil, gravelly, rocky. Timber, cedar; undergrowth, cacti.</p>
	<p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>N.89°57'W., bet. secs. 27 and 34.</p> <p>Over rolling land, through scattered timber and undergrowth.</p> <p>Asc. NE. slope of mesa.</p>
11.80	Mesa top, bears N.75°E., and S.75°W.; desc. NW. slope.
40.02	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bed rock and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ S27 S34 1960</p>
50.40	Wash, 1 ch. wide, 5 ft. deep, drains SW.
62.40	Wash, 20 lks. wide, 3 ft. deep, drains SW.

Chains

80.04 The cor. of secs. 27, 28, 33 and 34.

Land, rolling.
Soil, very rocky.
Timber, cedar; undergrowth, cacti.

N.0°02'W., bet. secs. 27 and 28.

Over gently rolling land, through sparse timber and undergrowth.

Along SE. rocky slope of mesa.

9.00 Slope changes from SE. to SW.

22.30 Mesa top; begin gradual desc. along NW. slope.

36.86 Wash, 30 lks. wide, 4 ft. deep, drains S.75°W.

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., on solid stone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T37N R15W

$\frac{1}{4}$
S28 | S27

1960

Asc. along rocky SE. slope.

48.00 Low spur, projects S.20°W.; desc.

54.60 Ravine, drains S.20°W.; asc.

70.80 Spur, projects W.; desc. over NW. slope.

79.40 Small wash, drains S.40°W.; thence asc.

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., on solid rock, in a mound of stone, $4\frac{1}{2}$ ft. base to top, with brass cap mkd.

T37N R15W

S21 | S22

S28 | S27

1960

Land, rolling.
Soil, very rocky.
Timber, cedar; undergrowth, cacti.

From the cor. of secs. 22, 23, 26 and 27.

N.89°57'W., bet. secs. 22 and 27.

Over nearly level land, through scattered timber and undergrowth.

Gradual desc. SW. slope.

18.00 Small ravine, drains S.10°W.; gentle asc.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 27.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

Chains	
	T37N R15W $\frac{1}{4}$ $\frac{S22}{S27}$ 1960
51.70	Ravine, drains S.15°W.
78.20	Small wash, drains S.40°W.
79.98	The cor. of secs. 21, 22, 27 and 28. Land, rolling. Soil, rocky. Timber, cedar; undergrowth, cacti.
	N.0°02'W., bet. secs. 21 and 22. Over gently rolling land, through sparse timber and undergrowth. Asc. rocky SE. slope.
25.75	Wash, 90 lks. wide, 5 ft. deep, drains S.75°W.; continue asc.
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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
	T37N R15W $\frac{1}{4}$ $\frac{S21}{S22}$ 1960
45.20	End asc.; begin gradual desc.
56.80	Wash, 40 lks. wide, 2 ft. deep, drains S.40°W.
70.45	Ravine, drains S.80°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., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
	T37N R15W $\frac{S16}{S21}$ $\frac{S15}{S22}$ 1960
	Land, gently rolling. Soil, rocky. Timber, Joshua, cedar; undergrowth, cacti.
	From the cor. of secs. 14, 15, 22 and 23. N.89°51'W., bet. secs. 15 and 22. Over nearly level land, through scattered timber and undergrowth.
16.20	Wash, 60 lks. wide, 5 ft. deep, drains S.20°W.
29.80	Road, unimproved, bears NE. and SW.
39.96	Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22.

20

Chains

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

T37N R15W
 $\frac{1}{4}$ $\frac{S15}{S22}$
 1960

Continue over nearly level, rocky land.

79.92 The cor. of secs. 15, 16, 21 and 22.

Land, nearly level.

Soil, rocky.

Timber, cedar; undergrowth, black brush, cacti.

N.0°02'W., bet. secs. 15 and 16.

Over rolling land, through scattered timber and undergrowth.

10.00 Small ravine, drains SW.

25.00 Wash, 20 lks. wide, 2 ft. deep, drains W.

32.10 Wash, 10 lks. wide, 2 ft. deep, drains 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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$
 S16 | S15
 1960

56.40 Low spur, projects NW.

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 bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 S 9 | S10
 S16 | S15
 1960

Land, gently rolling.

Soil, gravelly.

Timber, Joshua; undergrowth, cacti.

From the cor. of secs. 10, 11, 14 and 15.

N. 89°54'W., bet. secs. 10 and 15.

Over nearly level land, through scattered timber and undergrowth.

13.00 Wash, 10 lks. wide, 2 ft. deep, drains SW.

30.50 Low ridge, projects NE.

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

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

Subdivision of T.37 N., R.15 W.

21.

Chains	
	<p style="text-align: center;">T37N R15W $\frac{1}{4}$ $\frac{S10}{S15}$ 1960</p> <p>Gradual asc.</p> <p>63.50 Low spur; desc. W. slope.</p> <p>80.00 The cor. of secs. 9, 10, 15 and 16.</p> <p>Land, nearly level. Soil, gravelly. Timber, cedar; undergrowth, cacti.</p>
	<p>N.0°02'W., bet. secs. 9 and 10.</p> <p>Over rolling and broken land, through scattered timber and undergrowth.</p> <p>Gradual asc.</p> <p>10.60 End asc.; begin desc: over N: slope.</p> <p>26.00 Head of draw, drains to W.</p> <p>28.42 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 9 and 10.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ W C S 9 \uparrow S10 1960</p> <p>29.90 S. rim of Cow canyon bearing E. and W.; desc. over very steep, rocky ledge.</p> <p>40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10 falls on face of ledge where the cor. point cannot be monumented.</p> <p>57.30 N. rim of Cow canyon bearing E. and W.; desc. N. slope of ridge.</p> <p>74.40 Draw, drains SW.; asc. S. slope of rolling hill.</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., 12 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W S 4 S 3 S 9 S10 1960</p> <p>Land, rolling and broken. Soil, rocky. Timber, scattered cedar; undergrowth, cacti.</p>
	<p>From the cor. of secs. 2, 3, 10 and 11.</p> <p>N.89°55'W., bet. secs. 3 and 10.</p>

Chains

Over rolling and broken land, through sparse undergrowth and no timber.

Desc. gentle W. slope.

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

Set and iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
W $\frac{1}{4}$ ← S 3
C $\frac{1}{4}$ S10
1960

31.00 Begin desc. about 450 ft. over steep W. slope of Cow canyon.

39.98 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 10 falls on steep ledges where the cor. cannot be monumented.

42.90 Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. about 450 ft. over steep E. slope of Cow canyon.

63.00 Rim of Cow canyon, bears NE. and SW.; begin gentle desc.

72.70 Swale, drains to S.; asc. gentle E. slope.

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

Land, rolling and broken.
Soil, very rocky.
Timber, none; undergrowth, cacti.

N.0°04'W., bet. secs. 3 and 4.

Over nearly level land, through scattered timber and undergrowth.

10.00 Low spur, bears E. and W.; gentle desc.

18.20 Wash, 20 lks. wide, 2 ft. deep, drains W.

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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
 $\frac{1}{4}$
S4 | S3
1960

79.63 The cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the township, marked by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd., and witnessed as described in the official record.

Land, nearly level.
Soil, rocky.
Timber, Joshua; undergrowth, cacti.

From the standard cor. of secs. 32 and 33 on the S. bdy. of the township, marked by an iron post, 2 ins. diam., set, mkd., and witnessed as described in the official record.

N.0°03'W., bet. secs. 32 and 33.

Chains

Over rolling land, through scattered timber and undergrowth.

20.50 Wash 1 ch. wide, 5 ft. deep, drains E.

36.00 Wash, 2.20 chs. wide, 2 ft. deep, drains S.20°E.; asc. along SE. 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., 12 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

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

1960

43.50 Spur, projects S.40°E.; desc. NE. slope.

48.90 Wash, 50 lks. wide, 5 ft. deep, drains S.45°E.; asc.

62.90 Spur, projects S.75°E.; desc. NE. slope.

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

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

T37N R15W

S29 | S28

S32 | S33

1960

Land, rolling.

Soil, rocky.

Timber, cedar and Joshua; undergrowth, cacti.

From the cor. of secs. 27, 28, 33 and 34.

West, bet. secs. 28 and 33.

Over rolling land, through sparse timber and undergrowth.

12.80 Rim of mesa, bears S.20°W. and N. 30°N.; desc. W. slope.

40.01 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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

$\frac{1}{4}$ S28

S33

1960

Continue desc.

45.90 Wash, 2 chs. wide, 5 ft. deep, drains S.; asc.

51.20 Spur, slopes S.; desc.

57.10 Wash, 15 lks. wide, 2 ft. deep, drains SW.

65.00 Cottonwood Wash, E. bank, approx. 6 ft. high, drains SE.

72.00 West bank of Cottonwood Wash; asc. gradual NE. slope.

Chains	
80.02	<p>The cor. of secs. 28, 29, 32 and 33.</p> <p>Land, rolling. Soil, rocky. Timber, cedar; undergrowth, black brush and cacti.</p>
	<p>N.0°03'W., bet. secs. 28 and 29.</p> <p>Over rolling land, through scattered timber and undergrowth.</p>
8.60	<p>Center of Cottonwood Wash, 4.50 chs. wide, 5 ft. deep, drains SW.; thence asc. rocky SW. slope.</p>
21.20	<p>End asc.; desc. over NW. slope.</p>
35.80	<p>Wash, 15 lks. wide, 2 ft. deep, drains SW.; begin asc.</p>
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W S29 $\frac{1}{4}$ S28 1960</p>
48.30	<p>Spur, slopes SW.; thence along E. slope.</p>
55.50	<p>Spur, slopes NE.; desc.</p>
66.40	<p>Wash, 10 lks. wide, 1 ft. deep, drains SW.</p>
71.00	<p>Wash, 40 lks. wide, 3 ft. deep, drains SW.</p>
80.00	<p>Point for the cor. of secs. 20, 21, 28 and 29.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W S20 S21 S29 S28 1960</p>
	<p>Land, rolling. Soil, rocky. Timber, cedar and Joshua; undergrowth, cacti.</p>
	<p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>S.89°54'W., bet. secs. 21 and 28.</p> <p>Over rolling and broken land, through scattered timber and undergrowth.</p> <p>Asc. over gradual SE. slope.</p>
37.14	<p>Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 21 and 28.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on solid bed rock and in a mound of stone, $4\frac{1}{2}$ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ ← W S21 C S28 1960</p>

Subdivision of T.37 N., R.15 W.

25.

Chains

Corner located on E. edge of rim bearing NE. and SW.; desc. steep NW. slope.

40.02 Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 28 falls on steep, ledgy slope where the cor. cannot be monumented.

44.80 Wash, 40 lks. wide, 2 ft. deep, drains S.70°W.; asc. SE. slope.

57.80 Spur, slopes SW.; desc.

77.50 Wash, 40 lks. wide, 3 ft. deep, drains SW.; asc.

80.04 The cor. of secs. 20, 21, 28 and 29.

Land, rolling and broken.
Soil, rocky.
Timber, Joshua; undergrowth, cacti.

N. 0°03'W., bet. secs. 20 and 21.

Over rolling and broken land, through scattered timber and undergrowth.

16.60 Wash, 40 lks. wide, 4 ft. deep, drains SE.; asc. SW. slope.

36.80 Fence, barbed wire, bears N.80°E., and S.80°W.

39.70 Base of ledge; asc. 50 ft.

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

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

T37N R15W

S20 | S21

1960

Begin desc. along NW. slope.

51.50 Wash, 35 lks. wide, 3 ft. deep, drains SW.

57.20 Ridge, bears NE. and SW.; desc. NE. slope.

71.95 Ravine, drains SE.; asc. N. slope.

76.40 Spur, slopes SE.; desc. NE. slope.

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., 14 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

S17 | S16

S20 | S21

1960

Land, rolling and broken.
Soil, rocky.
Timber, cedar and Joshua; undergrowth, cacti.

From the cor. of secs. 15, 16, 21 and 22.

S.89°52'W., bet. secs. 16 and 21.

Chains

- Over rolling land, through scattered timber and undergrowth.
- 15.60 Low spur, slopes SW.
- 40.02 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., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.
- T37N R15W
 $\frac{1}{4}$ S16
S21
1960
- Desc. NE. slope.
- 61.25 Ravine, 70 lks. wide, drains SW.; asc. SE. slope.
- 68.30 Ridge, bears N. and S.; desc. SW. slope.
- 77.80 Wash, 25 lks. wide, 2 ft. deep, drains SE.
- 80.04 The cor. of secs. 16, 17, 20 and 21.
- Land, rolling.
Soil, rocky.
Timber, Joshua; undergrowth, black brush and cacti.

N.0°03'W., bet. secs. 16 and 17.

Over rolling and broken land, through scattered timber and undergrowth.

- 5.00 Wash, 20 lks. wide, 2 ft. deep, drains SE.; asc. N. slope.
- 24.80 Low ridge, slopes W.; desc. N. slope.
- 37.50 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 16 and 17.
- Set an iron post, $2\frac{1}{2}$ ins. diam., on solid rock and in a mound of stone, 4 ft. base to top, with brass cap mkd.
- T37N R15W
 $\frac{1}{4}$
S17 S16
W C
1960
- 37.60 Desc. over steep, rocky N. slope of Cow Canyon.
- 40.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17 falls on ledgy N. slope of canyon in insecure place where the cor. point cannot be monumented.
- 70.00 Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. S. slope of Cow Canyon.
- 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., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W
S 8 | S 9
S17 | S16
1960

Chains	
	<p>Land, rolling and broken. Soil, gravelly, rocky. Timber, Joshua; undergrowth, cacti.</p>
	<p>From the cor. of secs. 9, 10, 15 and 16. S. 89°55'W., bet. secs. 9 and 16. Over rolling and broken land, through scattered timber and undergrowth.</p>
40.07	<p>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 bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ S 9 S16 1960</p>
	<p>Desc. over steep E. slope of Cow Canyon about 500 ft.</p>
62.00	<p>Cow Canyon wash, 50 lks. wide, 3 ft. deep, asc. W. slope of canyon about 240 ft. to sec. cor.</p>
80.14	<p>The cor. of secs. 8, 9, 16 and 17. Land, E. $\frac{1}{2}$ mile nearly level, W. $\frac{1}{2}$ mile broken and rolling. Soil, rocky and gravelly. Timber, Joshua; undergrowth, cacti.</p>
	<p>N.0°03'W., bet. secs. 8 and 9. Over rolling and broken land, through scattered timber and undergrowth. Continue asc. steep S. slope about 250 ft.</p>
9.00	<p>Rim of canyon, bears NE. and SW.; thence begin gentle desc.</p>
12.50	<p>Draw, drains SW.; asc. S. slope of ridge.</p>
22.40	<p>Low ridge, bears NE. and SW.; desc. N. slope.</p>
37.00	<p>Slope changes to NW.</p>
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 9. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ S 8 S 9 1960</p>
50.00	<p>Draw, drains to W.; asc. SW. slope.</p>
56.40	<p>Ridge, bears NE. and SW.; begin desc. NW. slope.</p>
80.00	<p>Point for the cor. of secs. 4, 5, 8 and 9. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p>

28

Chains

T37N R15W
 S 5 | S 4
 S 8 | S 9
 1960

Land, rolling and broken.
 Soil, gravelly and rocky.
 Timber, Joshua; undergrowth; cacti.

From the cor. of secs. 3, 4, 9 and 10.

S.89°55'W., bet. secs. 4 and 9.

Over rolling and broken land, through scattered timber and undergrowth.

Gentle asc.

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

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

T37N R15W
 $\frac{1}{4}$ | S4
 S9
 1960

57.00 Ridge, slopes to SW.; desc. E. slope of Cottonwood Wash.
 80.14 The cor. of secs. 4, 5, 8 and 9.

Land, rolling and broken.
 Soil, gravelly and rocky.
 Timber, Joshua; undergrowth, cacti.

North, bet. secs. 4 and 5.

Over rolling and broken land, through scattered timber and undergrowth.

4.00 Cottonwood Wash, 20 lks. wide, 2 ft. deep, drains SW.

4.20 Jeep road, parallels wash; asc. SW. slope.

23.40 Spur, slopes SW.

29.20 Spur, slopes SW.

34.10 Ridge, bears NE. and SW.; desc.

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

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

T37N R15W
 $\frac{1}{4}$
 S5 | S4
 1960

42.30 Begin desc. over NW. slope covered with large rock outcroppings.

79.55 The cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the township, marked by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.

Chains	
	<p>Land, rolling and broken. Soil, gravelly and rocky. Timber, Joshua; undergrowth, cacti.</p>
	<p>From the standard cor. of secs. 31 and 32 on the S. bdy. of the township, marked by an iron post, 2 ins. in diam., set, mkd. and witnessed as described in the official record.</p> <p>N.0°03'W., bet. secs. 31 and 32.</p> <p>Over gently rolling land, through scattered undergrowth void of timber.</p> <p>Asc. rocky NW. slope.</p>
11.50	Ridge, bears NW. and SE.; desc. NE. slope.
31.15	Wash, 30 lks. wide, 1 ft. deep, drains SW.; asc. NE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T37N R15W</p> <p>$\frac{1}{4}$</p> <p>S31 S32</p> <p>1960</p> </div>
49.30	Small ravine, drains to E.; asc. N. slope.
62.80	Low ridge, slopes SE.
65.70	Ravine, drains to E.; asc.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T37N R15W</p> <p>S30 S29</p> <p>S31 S32</p> <p>1960</p> </div> <p>Land, gently rolling. Soil, gravelly. Timber, none; undergrowth, cacti.</p>
	<p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>N.89°57'W., bet. secs. 29 and 32.</p> <p>Over rolling and broken land, through scattered timber and undergrowth.</p> <p>Asc. about 100 ft. over NW. slope of Cottonwood Wash.</p>
30.00	Ledges, slope to SE.; continue asc.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p>

30

Subdivision of T.37 N., R.15 W.

30.

Chains

T37N R15W

$$\frac{1}{4} \frac{S29}{S32}$$
 1960

Continue gentle asc.

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

Land, rolling and broken.
Soil, gravelly and rocky.
Timber, Joshua; undergrowth, cacti.

S.89°57'W., bet. secs 30 and 31.

Over rolling land, through scattered timber and undergrowth.

Asc. over SW. slope.

12.90 Draw, drains SE.; asc. over NE. slope.

22.50 Spur, slopes SE.; asc. over S. slope.

28.90 Spur, slopes S.; thence along S. slope.

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., 10 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

$$\frac{1}{4} \frac{S30}{S31}$$
 1960

55.40 Spur, slopes SE.; desc. over SW. slope.

60.30 Draw, drains SE.; asc. over NE. slope.

65.72 Spur, slopes SE.; desc. over SW. slope.

70.00 Draw, drains SE.; asc. over NE. slope.

75.60 Spur, slopes S.; desc. over steep W. slope.

80.18 The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the township.

Land, rolling.
Soil, gravelly, rocky.
Timber, Joshua; undergrowth, cacti.

From the cor. of secs. 29, 30, 31 and 32.

N.0°03'W., bet. secs. 29 and 30.

Over rolling and broken land, through scattered timber and undergrowth.

17.95 Wash, 10 lks. wide, 3 ft. deep, drains NE.

21.00 Rim, bears NW.; desc. over NE. slope.

29.80 Wash, 80 lks. wide, 2 ft. deep, drains E.; asc. NE. slope.

32.90 Ridge, bears E. and W.; desc. NE. slope.

Chains	
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 30.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ S30 S29 1960</p> <p>Cor. located on steep N. slope.</p>
41.90	Wash, 15 lks. wide, 5 ft. deep, drains E.; asc. SE. slope.
50.70	Wash, 10 lks. wide, 2 ft. deep, drains NE.; continue asc.
59.60	Ridge, bears N.20°E., desc. over NE. slope.
80.00	<p>Point for the cor. of secs. 19, 20, 29 and 30.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W S19 S20 S30 S29</p> <p>Land, rolling. Soil, gravelly and rocky. Timber, Joshua; undergrowth, black brush and cacti.</p>
	<p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>N.89°50'W., bet. secs. 20 and 29.</p> <p>Over rolling and broken land, through scattered timber and undergrowth.</p> <p>Asc. along rocky SE. slope.</p>
20.00	Slope changes to S. slope, thence over ledges from 25 ft. to 50 ft. high.
38.10	Begin desc. along rocky SW. slope.
40.04	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 29.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ S20 S29 1960</p>
43.70	Cottonwood Wash, 1.50 chs. wide, 4 ft. deep, drains S.
52.40	Road, unimproved, bears N.20°W., and S.20°E.
74.30	Wash, 30 lks. wide, 2 ft. deep, drains NE.
80.08	<p>The cor. of secs. 19, 20, 29 and 30.</p> <p>Land, rolling and broken. Soil, gravelly, rocky. Timber, Joshua; undergrowth, black brush and cacti.</p>

32

Chains

S.89°59'W., bet. secs. 19 and 30.

Over rolling land, through scattered undergrowth.

11.60 Wash, 20 lks. wide, 2 ft. deep, drains NE.

35.40 Low spur, slopes NE.; desc. over NW. slope.

37.00 Enter nearly level land.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 30.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

 $\frac{1}{4}$ S19
S30

1960

42.40 Small wash, drains NE.

57.00 Road, bladed, bears NE. and SW.

63.10 Small wash, drains NE.

80.28 The cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the township.

Land, rolling in E. $\frac{1}{2}$ mile and nearly level in W. $\frac{1}{2}$ mile.
Soil, sandy, gravelly.

Timber, none; undergrowth, black brush and cacti.

From the cor. of secs. 19, 20, 29 and 30.

N.0°03'W., bet. secs. 19 and 20.

Over gently rolling land, through scattered undergrowth.

3.00 Wash, 10 lks. wide, 2 ft. deep, drains NE.

8.20 Wash, 35 lks. wide, 3 ft. deep, drains SE.

27.60 Wash, 45 lks. wide, 5 ft. deep, drains E.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 20,Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

T37N R15W

 $\frac{1}{4}$ S19 | S20

1960

41.60 Road, unimproved, bears NE. and SW.

49.35 Ridge, slopes SE.; desc. NE. slope.

57.70 Wash, 50 lks. wide, 8 ft. deep, drains SE.

73.90 Wash, 20 lks. wide, 2 ft. deep; drains SE.

80.00 Point for the cor. of secs. 17, 18, 19 and 20.

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

Subdivision of T.37 N., R.15 W.

33.

Chains	
	<p style="text-align: center;">T37N R15W <u>S18 S17</u> S19 S20 1960</p> <p>Land, gently rolling. Soil, sandy, gravelly. Timber, none; undergrowth, black brush and cacti.</p>
	<p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>N.89°49'W., bet. secs. 17 and 20.</p> <p>Over rolling and broken land, through scattered timber and undergrowth.</p> <p>Asc. NE. slope.</p>
12.20	Ridge, bears N. and S.; desc. W. slope.
18.20	Wash, 15 lks. wide, 2 ft. deep, drains S.; asc. E. slope.
28.30	Ridge, bears generally N. and S.; desc. W. slope.
31.40	Ledge, 50 ft. high, bears NE. and SW.; continue descent.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 17 and 20.
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bed rock and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T37N R15W $\frac{1}{4}$ <u>S17</u> S20 1960</p>
	<p>Continue descent over steep W. slope.</p>
60.40	Cottonwood Wash, 40 lks. wide, 4 ft. deep, drains S.10°W. Asc. gentle SE. slope.
76.00	Ridge, bears NE. and SW.; desc. NW. slope.
78.50	Wash, 10 lks. wide, 2 ft. deep, drains SW.; asc. SE. slope.
80.02	The cor. of secs. 17, 18, 19 and 20.
	<p>Land, rolling and broken. Soil, rocky. Timber, Joshua; undergrowth, cacti.</p>
	<p>West, bet. secs. 18 and 19.</p> <p>Over rolling and broken land, through scattered undergrowth.</p> <p>Asc. SE. slope.</p>
.2.00	Ridge, bears S.; desc. W. slope.
4.25	Wash, 10 lks. wide, 2 ft. deep, drains S.; asc. E. slope.
10.20	Road, unimproved, bears NW. and SE.
21.65	Road, unimproved, bears generally N. and S.; asc. E. slope of ridge.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 18 and 19.

34

Chains

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

T37N R15W

$$\frac{1}{4} \frac{S18}{S19}$$

1960.

- 57.90 Ridge, slopes SE.; desc. over abrupt, ledgy W. slope.
 66.10 Wash, 35 lks. wide, 10 ft. deep, drains SE.; asc. E. slope.
 73.70 Spur, slopes NW.; continue ascent.
 80.45 The cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the township.

Land, rolling and broken.

Soil, gravelly and rocky.

Timber, none; undergrowth, black brush and cacti.

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

N.0°03'W., bet. secs. 17 and 18.

Over rolling and mountainous land, through sparse timber and undergrowth.

- 10.30 Wash, 15 lks. wide, 3 ft. deep, drains SW.; asc. SE. slope of knoll.
 20.90 Top of knoll; desc. NE. slope.
 34.15 Wash, 15 lks. wide, 2 ft. deep, drains NE.
 35.60 Road, unimproved, bears N.60°E. and W.
 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 17 and 18.

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

T37N R15W

$$\frac{1}{4} \frac{S18}{S17}$$

1960

- 55.10 Ravine, drains E.; asc. along S. slope.
 65.10 Rim of canyon; begin desc. over NE. slope.
 69.80 Cottonwood Wash, 1 ch. wide, 3 ft. deep, drains S.10°E.; asc. SW. slope.
 74.90 Ridge top, desc. NW. slope.
 80.00 Point for the cor. of secs 7, 8, 17 and 18.

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

T37N R15W

$$\frac{S7}{S18} \frac{S8}{S17}$$

1960

Land, rolling and mountainous.

Soil, gravelly.

Timber, Joshua; undergrowth, black brush and cacti.

Chains	
	<p>From the cor. of secs. 8, 9, 16 and 17.</p> <p>N.89°54'W., bet. secs. 8 and 17.</p> <p>Over rolling land, through scattered timber and undergrowth.</p> <p>Asc. steep, SE. slope of spur.</p>
5.60	Spur, slopes S.; desc. SW. slope over rock outcroppings.
32.10	Wash, 10 lks. wide, 1 ft. deep, drains S.; asc. E. slope.
36.50	Low spur, desc. W. slope.
40.04	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 17.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p>
	<p>T37N R15W</p> <p>$\frac{1}{4}$ $\frac{S 8}{S 17}$</p> <p>1960</p>
41.50	Draw, drains SW.; asc. E. slope.
47.30	Ridge, slopes N.; desc. W. slope.
60.00	Road, unimproved, bears N. and S.; asc. E. slope.
69.50	Ridge, desc. NW. slope to sec. cor.
80.08	<p>The cor. of secs. 7, 8, 17 and 18.</p> <p>Land, rolling.</p> <p>Soil, gravelly, rocky.</p> <p>Timber, Joshua; undergrowth, cacti.</p>
	<p>S.89°54'W., bet. secs. 7 and 18.</p> <p>Over mountainous land, through scattered timber and undergrowth.</p> <p>Desc. over NW. slope.</p>
1.00	Cottonwood Wash, 80 lks. wide, 3 ft. deep, drains SW.
19.45	Ravine, drains SE.; asc. NE. slope.
31.00	Ridge, bears SE. and NW.; desc. SW. slope.
36.50	Ravine, drains SE.; asc. over NE. slope.
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 18.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.</p>
	<p>T37N R15W</p> <p>$\frac{1}{4}$ $\frac{S 7}{S 18}$</p> <p>1960</p>
	Continue ascent over NE. slope.
46.30	Ridge, bears NE. and SW.; desc. NE. slope.
78.10	Road, unimproved, bears NE. and SW.

36

Chains

80.58 The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the township.

Land, rolling, mountainous.

Soil, rocky.

Timber, Joshua; undergrowth, black brush, cacti.

From the cor. of secs. 7, 8, 17 and 18.

N.0°03'W., bet. secs. 7 and 8.

Over rolling land, through scattered timber and undergrowth.

2.00 Cottonwood Wash, 50 lks. wide, 3 ft. deep, drains S.; asc.

12.10 Spur, slopes SE.; desc. along NE. slope.

31.25 Wash, 50 lks. wide, 1 ft. deep; asc. SE. slope. (Tom and Cull Wash)

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 8.Set and iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

S7	$\frac{1}{4}$	S8

1960

Continue ascent along SE. slope.

61.30 Ridge, bears generally N. and S.; desc. NW. slope over large rock outcroppings.

80.00 Point for the sec. cor. of secs. 5, 6, 7 and 8.

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

T37N R15W

S6		S5
S7		S8

1960

Land, rolling.

Soil, gravelly and rocky.

Timber, Joshua; undergrowth, black brush and cacti.

From the cor. of secs. 4, 5, 8 and 9.

S.89°59'W., bet. secs. 5 and 8.

Over rolling land, through scattered timber and undergrowth.

3.70 Cottonwood Wash, 1 ch. wide, 8 ft. deep, drains SW.

6.80 Road, unimproved, bears N. and S.

19.40 Wash, 40 lks. wide, 3 ft. deep, drains SE.; asc. E. slope.

32.60 Spur, bears N. and S.; desc. W. slope.

38.30 Small ravine, drains SE.; asc. E. slope to $\frac{1}{4}$ cor.39.95 Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 8.

Subdivision of T.37 N., R.15 W.

37.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{4}$ ins. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, with brass cap mkd.

T37N R15W

$$\frac{1}{4} \frac{S 5}{S 8}$$

1960

Continue ascent along E. slope.

64.40 Ravine, 15 lks. wide, 2 ft. deep, drains SE.

71.65 Spur, slopes SE.; desc. rocky W. slope.

79.90 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.

Soil, rocky.

Timber, cedar and Joshua; undergrowth, black brush and cacti.

N.89°57'W., bet. secs. 6 and 7.

Over gently rolling land, through scattered timber and undergrowth.

Desc. along W. slope.

16.45 Road, unimproved, bears N. and S.

18.25 Tom and Cull Wash, 50 lks. wide, 3 ft. deep, drains S.

29.40 Wash, 45 lks. wide, 4 ft. deep, drains SE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 7.

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

T37N R15W

$$\frac{1}{4} \frac{S 6}{S 7}$$

1960

60.00 Wash, 40 lks. wide, 5 ft. deep, drains SE.

80.73 The cor. of secs. 1, 6, 7 and 12 on the W. bdy. of the township.

Land, nearly level to gently rolling.

Soil, sandy, gravelly.

Timber, pinon, cedar and Joshua; undergrowth, black brush and cacti.

From the cor. of secs. 5, 6, 7 and 8.

N.0°07'W., bet. secs. 5 and 6.

Over gently rolling land, through scattered timber and undergrowth.

6.50 Spur, slopes W.; begin gradual desc. N. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.

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

T37N R15W

$$S6 \quad \frac{1}{4} \quad S5$$

1960

38

Chains

Continue descent over NW. slope.

65.00 Tom and Cull Wash, 1 ch. wide, 3 ft. deep, drains SW.; asc. S. slope of rolling hill.

79.23 The cor. of secs. 5, 6, 31 and 32 on the N. bdy. of the township, marked by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.

Land, rolling.

Soil, gravelly.

Timber, cedar, pinon and Joshua; undergrowth, black brush and cacti.

General Description

Township 37 North, Range 15 West, is in Mohave County, Arizona and approximately 15 miles southeast of the town of Mesquite, Nevada, which is the nearest settlement to the area.

The township is in an area where two physiographic regions meet, which results in a considerable variety of land forms. Most of the topography is of the type associated with canyon and plateau regions. Mud Mountain, a plateau, the most dominant feature in the township, extends from the northeast into the township to the west tier of sections. In the west tier of sections the topography features are those which are most generally associated with the Basin and Range physiographic region. The elevation of the township ranges from about 3,200 feet above sea level, along the bottom of Cottonwood Wash, in section 33, to a maximum of 4,830 feet on a butte in the northwest quarter of section 1.

The soil in the township is mostly residual, rocky, shallow, poorly developed sandy clay, with large areas of sandstone and a few limestone outcrops. This soil supports a vegetative cover composed of black brush; cacti, Joshua trees, creosote, catclaw, juniper, pinon and grasses. The type, number and size of the vegetation varies with temperature, available water and topography. Generally the creosote, black brush, cacti and grasses are found over the entire township, while the juniper and pinon are only at the higher elevation. The catclaw grows in thickets along the drainage and the Joshua trees are scattered over the lower reaches of the township.

The drainage in the area is a well-developed dendritic system; composed of intermittent streams and numerous washes. The main stream in the system in this area is Cottonwood Wash, which drains south through the township with its head and several branches outside the township. Tom and Cull Wash and Cow Canyon are the largest tributaries.

There are three trail roads into the area. Two of the roads enter the township at the west boundary of section 18. One bears north to leave the township at the north boundary in the east portion of section 6, the other road bears easterly from the west boundary to a point near the quarter section corner of sections 17 and 18. thence swings northeasterly to leave the township near the quarter section corner of sections 4 and 33 on the north boundary. The third road enters the township at the south boundary near the quarter section corner of sections 1 and 36, bearing north to a point near the center of section 25, where it terminates. This survey was possible only with the utilization of a helicopter for transportation to and from line.

The only source of water noted during this survey was that at the well, tank and windmill located in section 18. The improvements in the township are the roads as noted; the windmill, well and tank; and several stock watering ponds scattered throughout the township.

Chains

General Description (Continued)

No mineral deposits or mining activity were noted in the progress of the survey; however, there was considerable evidence of extensive prospecting having taken place at an earlier time. At the present time the only apparent interest in utilization of the land is for stock grazing.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Eldon W. Sibley	Crew Chief
William R. Savage	Principal Assistant
La Vern Griffin	Notekeeper
Parley Pratt	Front Chainman
R. Gordon Shurtz	Flagman
Dan Coleman	Cornerman
Glen B. Hatch	Crew Chief
Neil Forsyth	Principal Assistant
Wallace R. Ott	Notekeeper
Gary T. Oriatt	Front Chainman
Jerry Lee Thomas	Flagman
Douglas Haycock	Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

Glen B. Hatch, Survey Technician
Alburn D. Griffin, Cadastral Surveyor
Dell Cazier, Cadastral Surveyor,

I, _____, HEREBY CERTIFY upon honor that, in

pursuance of special instructions bearing date of the 11th day of August, 1960,

I have ~~surveyed~~ resurveyed the west boundary and surveyed the subdivisional lines
of T. 37 N., R. 15 E.

of the Gila & Salt River 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.

May 2, 1962

Dell Cazier
Cadastral Surveyor
Alburn D. Griffin
Cadastral Surveyor
Glen B. Hatch
Survey Technician

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., AUG 20 1962, 1962

The foregoing field notes of the ~~survey of~~ resurvey of the west boundary and survey of
the subdivisional lines of T. 37 N., R. 15 W., Gila and Salt River Meridian,
Arizona

executed by Dell Cazier, Cadastral Surveyor, Alburn D. Griffin, Cadastral Surveyor
and Glen B. Hatch, Survey Technician
having been critically examined and found correct, are hereby approved.

Clark I. Lumm
Acting Chief, ~~Cadastral Engineering Staff Officer~~ Division of Engineering

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.