

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY

OF

THE SOUTH AND WEST BOUNDARIES

AND OF

THE DEPENDENT RESURVEY OF THE THIRD MERIDIONAL LINE

AND

THE COMPLETION OF THE SURVEY OF THE SUBDIVISION

OF

TOWNSHIP 38 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)

Boyd S. Owens, Cadastral Surveyor

Under special instructions dated August 4, 1959, which provided
for the surveys included under Group No. 336, approved August 20, 1959
and assignment instructions dated November 6, 1959

Survey commenced November 12, 1959

Survey completed February 25, 1960

BOOK 4825

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Township 38 North, Range 15 West

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GPO 866119

Township 38 North, Range 15 West

Chains

The east boundary was surveyed by K. L. Siebecker and D. R. Averill in 1929-30 and its record appears in the official record of the survey T. 38 N., R. 14 W. The south, west and north boundaries and a portion of the subdivision of the township were surveyed by George M. Boofer in 1956 and the record of the survey of the south boundary appears in the official record of the survey of the north boundary of T. 37 N., R. 15 W. The survey of the west and north boundaries and a portion of the subdivision appears in the official record of the survey of T. 38 N., R. 15 W.

The following field notes are those of the dependent resurvey of the south, and west boundaries, the third meridional line and a completion survey of the subdivision of T. 38 N., R. 15 W. The survey was initiated on the official request of the State Supervisor for Arizona to provide identification of the boundaries of the public lands to facilitate administration under appropriate public land laws.

The survey was executed with W. and L. E. Gurley transits, serial Nos. 540614 and 580158; both instruments were constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were maintained in precise adjustment throughout the progress of the survey.

The direction of the lines of the survey was determined by reference to true meridians established on line by altitude observations on the sun. The lines were carried forward by sustained angulation and supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey:

Measurements were made with a narrow steel tape, 8 chains in length, graduated in tenths for the first link, every link for the next 99 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by two clinometers; one at each end of the measured interval. Both clinometers were maintained in precise adjustment throughout the survey; the field notes show the horizontal equivalents only. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by triangulation or traverse methods. Topography calls on lines run by triangulation or traverse are approximate as scaled from U. S. G. S. topographic sheets.

Corners on the east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method. The random lines, retracements, triangulations and traverse data were checked and verified prior to the conclusion of the field work. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey only.

The geographic position for the southeast corner of the township is in latitude $36^{\circ} 38' 40.119''$ and longitude $113^{\circ} 50' 59.454''$ as determined by section line ties to U. S. C. & G. S. second order triangulation station "Hancock Peak," which is situated in the southeast $\frac{1}{4}$ of section 12, T. 39 N., R. 15 W.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $15^{\circ} 30''$ East.

Dependent Resurvey of the South Boundary, T. 38 N., R. 15 W.

Topographic calls along the south boundary are substantially the same as those recorded in the original survey and to simplify the record they are omitted from these field notes.

Dependent Resurvey of the South Boundary, T. 38 N., R. 15 W.

Chains	Resurvey of the survey executed by George M. Boofer, Cadastral Surveyor, in 1956
40.16	<p>Beginning at the cor. of Tps. 37 and 38 N., Rs. 14 and 15 W., mkd. by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.</p> <p>S. 89° 54' W., bet. secs. 1 and 36.</p> <p>Over mountainous land, through medium growth of juniper and pinon.</p>
80.32	<p>The $\frac{1}{4}$ sec. cor. of secs. 1 and 36, mkd. by an iron post, 2½ ins. diam., firmly set in the ground, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.</p> <p>The cor. of secs. 1, 2, 35 and 36, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.</p> <p>Land, mountainous. Soil, rocky. Timber, juniper and pinon. Undergrowth, blackbrush, greasewood, cacti and creosote bush.</p>
40.00	<p>S. 89° 50' W., bet. secs. 2 and 35.</p> <p>Over mountainous land, through scattered timber and undergrowth.</p> <p>The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.</p>
80.00	<p>The cor. of secs. 2, 3, 34 and 35, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.</p> <p>Land, mountainous. Soil, very rocky. Timber, juniper, scrub oak, Joshua trees. Undergrowth, blackbrush and cacti.</p>
40.00	<p>S. 89° 59' W., bet. secs. 3 and 34.</p> <p>Over mountainous land, through scattered timber and undergrowth.</p> <p>The $\frac{1}{4}$ sec. cor. of secs. 3 and 34, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.</p>
80.00	<p>The cor. of secs. 3, 4, 33 and 34, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.</p> <p>Land, rolling and high mesas. Soil, sandy, gravelly and rocky. Timber, Joshua trees. Undergrowth, blackbrush, sagebrush, creosote bush and cacti.</p>

Dependent Resurvey of the South Boundary of T. 38 N., R. 15 W.

Chains

S. 89° 50' W., bet. secs. 4 and 33.

Over high mesa land, through scattered juniper and pinon.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 4 and 33, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.

80.00 The cor. of secs. 4, 5, 32 and 33, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.

Land, rolling.

Soil, gravelly and rocky.

Timber, Joshua trees.

Undergrowth, blackbrush, greasewood and cacti.

S. 89° 50' W., bet. secs. 5 and 32.

Over rolling land, through scattered timber and undergrowth.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.

80.00 True point for the cor. of secs. 5, 6, 31 and 32, at proportionate dist.; the original cor. monument has been washed out. The true point falls on E. edge of wash, 30 lks. wide, 3 ft. deep draining SE. where the monument cannot be perpetuated.

Land, rolling.

Soil, gravelly and rocky.

Timber, Joshua trees.

Undergrowth, blackbrush, cacti and creosote bush.

S. 89° 50' W., bet. secs. 6 and 31.

Over rolling land, through scattered timber and medium undergrowth.

.50 Point selected for the witness cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

S31|S32 W

S 6 | S 5 C

T37N

1959

40.00 The $\frac{1}{4}$ sec. cor. of secs. 6 and 31, mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the N. bdy. of T. 37 N., R. 15 W.

80.72 The cor. of Tps. 37 and 38 N., Rs. 15 and 16 W., mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record of the survey of the W. bdy. of T. 37 N., R. 15 W.

Land, rolling.

Soil, gravelly and rocky.

Timber, Joshua trees.

Undergrowth, blackbrush, creosote bush and cacti.

Dependent Resurvey of the West Boundary, T. 38 N., R. 15 W.

Chains

Resurvey of the survey executed by George M. Boofer, Cadastral Surveyor, in 1956.

From the cor. of Tps. 37 and 38 N., Rs. 15 and 16 W., which is mkd. by an iron post, 2½ ins. diam., firmly set, mkd. and witnessed as described in the official record.

Topographic calls along the W. bdy. are substantially the same as those recorded in the original survey and to simplify the record they are omitted from these field notes.

N. 0° 06' W., bet. secs. 31 and 36.

Over rolling land, through very thinly scattered juniper and pinon.

39.97 The ¼ sec. cor. of secs. 31 and 36, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

80.08 The cor. of secs. 25, 30, 31 and 36, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, rolling and mesas.

Soil, shallow, sandy loam.

Timber, scrub oak, juniper and pinon.

Undergrowth, blackbrush, sagebrush, apple brush, Brigham tea and cacti.

N. 0° 07' W., bet. secs. 25 and 30.

Over rolling mesa land, through thinly scattered juniper and pinon.

40.07 The ¼ sec. cor. of secs. 25 and 30, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

80.07 The cor. of secs. 19, 24, 25 and 30, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, gently rolling mesa.

Soil, gravelly and sandy.

Timber, thinly scattered pinon and juniper.

Undergrowth, blackbrush, sagebrush, creosote bush and cacti.

N. 0° 04' W., bet. secs. 19 and 24.

Over rolling land, through scattered undergrowth.

40.09 The ¼ sec. cor. of secs. 19 and 24, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

N. 0° 07' W., beginning new measurement.

39.99 The cor. of secs. 13, 18, 19 and 24, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, rolling.

Soil, gravelly and rocky.

Timber, none.

Undergrowth, black brush, sagebrush, creosote and cacti.

Dependent Resurvey of the West Boundary of T. 38 N., R. 15 W.

Chains

N. 0° 09' W., bet. secs. 13 and 18.

Over rolling land, through scattered undergrowth.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

80.00 True point for the cor. of secs. 7, 12, 13 and 18 falls on vertical ledge, where it is impractical to set the monument.

Land, rolling and mountainous.

Soil, rocky.

Timber, scrub oak, juniper and pinon.

Undergrowth, blackbrush, sagebrush and cacti.

N. 0° 09' W., bet. secs. 7 and 12.

Over mountainous land, through scattered juniper and pinon.

5.40 The witness cor. of secs. 7, 12, 13 and 18, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

North, beginning new measurement.

34.63 The $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.74.82 The cor. of secs. 1, 6, 7 and 12, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling.

Soil, shallow, rocky and sandy loam.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, catclaw and cacti.

N. 0° 05' W., bet. secs. 1 and 6.

Over rolling land, through thinly scattered timber and undergrowth.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

N. 0° 11' E., beginning new measurement.

42.92 The closing cor. of secs. 1 and 6, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling.

Soil, shallow sandy loam, with numerous rocky outcrops.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, greasewood, sagebrush and cacti.

Dependent Resurvey of a Portion of the Subdivision, T. 38 N., R. 15 W.

Chains

Resurvey of the survey executed by George M. Boofer, Cadastral Surveyor, in 1956.

Topographic calls along those lines resurveyed are substantially the same as the record in the original survey and to simplify the record they are omitted from these field notes.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

N. 0° 07' E., bet. secs. 33 and 34.

Over rolling land, through scattered juniper and pinon.

39.91 The ¼ sec. cor. of secs. 33 and 34, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

N. 0° 03' W., beginning new measurement.

39.78 The cor. of secs. 27, 28, 33 and 34, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, rolling.
Soil, gravelly and rocky loam.
Timber, scattered juniper and pinon.
Undergrowth, blackbrush, catclaw and cacti.

N. 0° 02' W., bet. secs. 27 and 28.

Over rolling land, through scattered juniper and pinon.

39.84 The ¼ sec. cor. of secs. 27 and 28, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

N. 0° 01' W., beginning new measurement.

40.14 The cor. of secs. 21, 22, 27 and 28, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, rolling mesa.
Soil, shallow, gravelly loam.
Timber, scattered juniper and pinon.
Undergrowth, blackbrush, sagebrush, catclaw and cacti.

N. 0° 02' W., bet. secs. 21 and 22.

Over mesa land, through scattered juniper and pinon.

39.93 The ¼ sec. cor. of secs. 21 and 22, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

N. 0° 06' E., beginning new measurement.

39.93 The cor. of secs. 15, 16, 21 and 22, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Land, mesa to gently rolling.
Soil, shallow gravelly loam.
Timber, thinly scattered juniper.
Undergrowth, blackbrush, sagebrush, sweet balsa and creosote bush.

Dependent Resurvey of Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

N. 0° 04' W., bet. secs. 15 and 16.

Over rolling land, through thinly scattered juniper and undergrowth.

40.35

The $\frac{1}{2}$ sec. cor. of secs. 15 and 16, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

N. 0° 17' W., beginning new measurement.

39.82

The cor. of secs. 9, 10, 15 and 16, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling.

Soil, rocky, light sandy.

Timber, scattered juniper and scrub oak.

Undergrowth, black brush, catclaw, sweet balsa and creosote bush.

N. 0° 02' W., bet. secs. 9 and 10.

Over rolling land, through scattered juniper and undergrowth.

40.04

The $\frac{1}{2}$ sec. cor. of secs. 9 and 10, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

80.06

The cor. of secs. 3, 4, 9 and 10, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling.

Soil, sandy and gravelly.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, sagebrush, creosote bush and cacti.

N. 0° 02' W., bet. secs. 3 and 4.

Over rolling land, through thinly scattered juniper and pinon.

.89

The closing cor. of secs. 3 and 10, hereinafter described.

39.93

The $\frac{1}{2}$ sec. cor. of secs. 3 and 4. This cor. will now function as the $\frac{1}{2}$ sec. cor. of sec. 4 only. I remark the brass cap to read.

T38N R15W

 $\frac{1}{2}$
S4

1955

1960

40.89

The $\frac{1}{2}$ sec. cor. of sec. 3, hereinafter described.

82.56

The cor. of secs. 3, 4, 33 and 34, on the N. bdy., which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling.

Soil, gravelly and sandy.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, sagebrush, creosote bush and cacti.

Dependent Resurvey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains	
	From the cor. of secs. 2, 3, 10 and 11.
	N. 0° 03' W., bet. secs. 2 and 3.
	Over mesa land, through dense juniper and pinon.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 2 and 3, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.
81.70	The cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.
	Land, mesa land.
	Soil, gravelly and sandy.
	Timber, dense juniper and pinon.
	Undergrowth, blackbrush, sagebrush, creosote bush and cacti.
	From the cor. of secs. 9, 10, 15 and 16, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.
	S. 89° 54' W., bet. secs. 9 and 16.
	Over rolling land, through medium dense juniper and pinon.
39.98	The $\frac{1}{4}$ sec. cor. of secs. 9 and 16, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.
79.96	The cor. of secs. 8, 9, 16 and 17, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.
	Land, rolling.
	Soil, gravelly and rocky loam.
	Timber, medium dense juniper and pinon.
	Undergrowth, blackbrush, sagebrush, catclaw and cacti.
	Survey of a Portion of the Subdivision, T. 38 N., R. 15 W.
	Beginning the subdivision survey at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.
	N. 0° 01' W., bet. secs. 35 and 36.
	Over rolling land, through scattered juniper and pinon.
	Desc. 280 ft. over boulder strewn NW. slope.
31.00	Wash, 20 lks. wide, 2 ft. deep, drains W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38N R15W
	$\frac{1}{4}$
	S35 S36
	. 1959
	No suitable accessories available.
40.40	Dirt road, bears N. 73° E. and S. 73° W.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.

Dependent Re-Survey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains

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

T38N R15W

S26 | S25

S35 | S36

1959

from which,

A pinon, 18 ins. diam., bears N. 23° 45' E., 99 lks. dist., mkd. T38N R15W S25 BT.

Land, rolling.

Soil, rocky and sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, black brush, mountain rush and cacti.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record.

S. 89° 49' W., bet. secs. 25 and 36.

Over rolling land, with general S. slope, through scattered juniper and pinon.

40.11

Point for the ¼ sec. cor. of secs. 25 and 36.

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

T38N R15W

¼ S25

S36

1959

54.90

Wash, 11.00 chs. wide, 13 ft. v. deep, drains S. 20° W.

79.88

Four-strand barbed wire fence, bears N. 1° 45' W. and S. 1° 45' E.

80.22

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

Land, rolling.

Soil, sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, mountain rush and cacti.

N. 0° 01' W., bet. secs. 25 and 26.

Over rolling land, with general S. slope, through scattered juniper and pinon.

40.00

Point for the ¼ sec. cor. of secs. 25 and 26.

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

T38N R15W

¼ S26 | S25

1959

from which,

Dependent Re-survey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains

	<p>A pinon, 10 ins. diam., bears N. 71° 15' E., 27 lks. dist., mkd. T38N R15W S25 BT.</p> <p>A pinon, 18 ins. diam., bears N. 48° W., 51 lks. dist., mkd. T38N R15W S26 BT.</p>				
67.30	Four-strand barbed wire fence, bears N. 1° 45' W. and S. 1° 45' E.				
80.00	Point for the cor. of secs. 23, 24, 25 and 26.				
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.				
	<p>T38N R15W</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>S23</td> <td>S24</td> </tr> <tr> <td>S26</td> <td>S25</td> </tr> </table> <p>1959</p>	S23	S24	S26	S25
S23	S24				
S26	S25				
	No suitable accessories available.				
	<p>Land, rolling.</p> <p>Soil, sandy clay.</p> <p>Timber, scattered juniper and pinon.</p> <p>Undergrowth, blackbrush, mountain rush and cacti.</p>				
	<p>From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record</p> <p>S. 89° 44' W., bet. secs. 24 and 25.</p> <p>Over rolling land, through scattered juniper and pinon.</p>				
40.12	Point for the ¼ sec. cor. of secs. 24 and 25.				
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.				
	<p>T38N R15W</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>¼</td> <td>S24</td> </tr> <tr> <td></td> <td>S25</td> </tr> </table> <p>1959</p>	¼	S24		S25
¼	S24				
	S25				
	No suitable accessories available.				
63.00	Wash, 1.00 ch. wide, 3 ft. deep, drains S. 10° W.				
80.24	The cor. of secs. 23, 24, 25 and 26.				
	<p>Land, rolling.</p> <p>Soil, sandy clay.</p> <p>Timber, scattered juniper and pinon.</p> <p>Undergrowth, blackbrush, mountain rush and cacti.</p>				
	N. 0° 01' W., bet. secs. 23 and 24.				
	Over rolling land, with general S. slope.				
34.80	Wash, 50 lks. wide, 3 ft. deep, drains SE.				
40.00	Point for the ¼ sec. cor. of secs. 23 and 24.				
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.				

Dependent Survey of Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

T38N R15W

$$\frac{1}{2}$$

S23	S24
1959	

Raise a mound of stone W. of monument.

70.70 Four-strand barbed wire fence, bears N. 44° 45' E. and S. 44° 45' W.

80.00 Point for the cor. of secs. 13, 14, 23 and 24.

Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in exposed malpais rock and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

S14	S13
S23	S24
1959	

No suitable accessories available.

Land, rolling.

Soil, sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, black brush, thimble berry, manzanita and cacti.

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record.

S. 89° 41' W., bet. secs. 13 and 24.

Over series of spurs sloping S. and SW.; asc. 140 ft. over boulder strewn E. slope.

19.40 Spur, slopes S.; desc. 90 ft. over boulder strewn W. slope.

24.40 Wash, 10 lks. wide, 2 ft. deep, drains S.; asc. 180 ft. over boulder strewn E. slope.

36.60 Spur, slopes S.; desc. 60 ft. over W. slope.

40.16 Point for the ½ sec. cor. of secs. 13 and 24.

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

T38N R15W

$$\frac{1}{2}$$

S13	S24
1959	

Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of monument.

Desc. 60 ft. over W. slope.

49.60 Wash, 30 lks. wide, 3 ft. deep, drains S. 15° W.; asc. 120 ft. over steep E. slope.

60.60 Spur, slopes S.; desc. 240 ft. over W. slope.

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

Land, rolling and broken.

Soil, rocky, sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush, mountain rush, thimble berry, manzanita and cacti.

Department of the Interior
 Survey of Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

N. 0° 01' W., bet. secs. 13 and 14.

Over rolling land, through scattered juniper and pinon.

Asc. 170 ft. over general S. slope.

2.60 Wash, 10 lks. wide, 2 ft. deep, drains S. 15° W.

25.20 Wash, 30 lks. wide, 2 ft. deep, drains S. 50° W.

38.30 Low spur, slopes S. 10° W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R15W

$\frac{1}{4}$
 S14|S13
 1959

Desc. 30 ft. along W. slope.

48.70 Wash, 30 lks. wide, 2 ft. deep, drains S. 20° W.; asc. 200 ft. over boulder strewn SE. slope.

68.30 Spur, slopes SW.; desc. 40 ft. along W. slope.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

S11|SE2
 S14|S13
 1959

Land, rolling.

Soil, rocky, sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, black brush, mountain rush, mountain laurel and cacti.

From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record

S. 89° 47' W., bet. secs. 12 and 13.

Over broken land, through dense juniper and pinon.

Asc. 40 ft. along broken S. slope.

8.90 Spur, slopes SW. from mesa to the NE.; desc. 390 ft. along broken S. slope.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Dependent Resurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains

T38N R15W

 $\frac{1}{2}$ S12
S13

1959

Desc. 100 ft. along W. slope.

42.90 Slope changes; desc. 420 ft. over broken NW. slope.

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

Land, broken.

Soil, rocky and sandy clay.

Timber, dense juniper and pinon.

Undergrowth, blackbrush, mountain rush, manzanita and cacti.

North, bet. secs. 11 and 12.

Over broken land, through scattered juniper and pinon.

By triangulation, asc. approx. 360 ft. over ledgy S. slope.

40.16 Point for the $\frac{1}{2}$ sec. cor. of secs. 11 and 12.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

 $\frac{1}{2}$ S11 | S12

1959

Asc. approx. 160 ft. over ledgy S. slope.

45.20 End of triangulation on S. rim of mesa, bears irregularly E. and W. Thence along general NW. slope.

80.32 The cor. of secs. 1, 2, 11 and 12, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, broken and rolling.

Soil, rocky sandy clay.

Timber, scattered to dense juniper and pinon.

Undergrowth, blackbrush, mountain rush and manzanita and cacti.

From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., conforming to the record.

S. 89° 53' W., bet. secs. 1 and 12.

Over broken land, through scattered juniper and pinon.

Asc. 380 ft. over broken NE. slope.

7.20 Top of steep ascent on mesa rim, bears irregularly NW. and SE.; thence over rolling land with general SW. slope.

40.10 Point for the $\frac{1}{2}$ 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, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Dependent Survey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains	
80.20	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S 1 S12 1959</p> <p>Desc. 270 ft. over W. slope,</p> <p>The cor. of secs. 1, 2, 11 and 12.</p> <p>Land, rolling and broken. Soil, rocky and sandy clay. Timber, scattered to dense juniper and pinon. Undergrowth, blackbrush, manzanita, mountain rush and cacti.</p>
7.80 37.20	<p>From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is mkd. by an iron post, 2½ ins. diam., conforming to the record.</p> <p>N. 0° 01' W., bet. secs. 34 and 35.</p> <p>Over broken land, through thinly scattered juniper and pinon.</p> <p>Desc. 100 ft. over broken NE slope.</p> <p>Base of steep descent, bears irregularly NW. and SE.; thence over rolling land,</p> <p>Wash, 40 lks. wide, 2 ft. deep, drains SE.; asc. 30 ft. along SE. slope.</p>
40.00 80.00	<p>Point for the ¼ sec. cor. of secs. 34 and 35.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T38N R15W $\frac{1}{4}$ S34 S35 1959</p> <p>Asc. 110 ft. over rolling land, with general SE. slope.</p> <p>Point for the cor. of secs. 26, 27, 34 and 35.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T38N R15W S27 S26 S34 S35 1959</p> <p>Land, rolling and broken. Soil, rocky and sandy clay. Timber, thinly scattered juniper and pinon. Undergrowth, desert shrubs and cacti.</p> <p>From the cor. of secs. 25, 26, 35 and 36.</p> <p>S, 89° 50' W., bet. secs. 26 and 35.</p>

Dependent ReSurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains

Over rolling land with general S. to SE. slope, through scattered juniper and pinon.

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

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35.

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

T38N R15W

$\frac{1}{4}$ $\frac{S26}{S35}$
1959

No suitable accessories available.

44.60 Wash, 50 lks. wide, 4 ft. deep, drains S.

60.40 Bulldozed road, bears S. 25° E. and N. 25° W.

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

Land, rolling.

Soil, rocky and sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, desert shrubs and cacti.

S. 89° 40' W., bet. secs. 27 and 34.

Over rolling land, through scattered juniper and pinon.

Asc. 100 ft. over slight SE. slope.

39.80 Small wash, drains N.

39.93 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38S R15W

$\frac{1}{4}$ $\frac{S27}{S34}$
1959

Asc. 170 ft. along N. slope.

64.90 Top of ascent on N. rim of small mesa; desc. 250 ft. over steep NW. slope.

69.00 Barbed wire fence, bears N. 15° E. and S. 15° W.

79.86 The cor. of secs. 27, 28, 33 and 34, mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling and broken.

Soil, rocky and sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, desert shrubs and cacti.

Dependent Re-Survey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains	
	From the cor. of secs. 26, 27, 34 and 35.
	N. 0° 01' W., bet. secs. 26 and 27.
	Over rolling land, with general SE. slope; through thinly scattered juniper and pinon.
17.30	Dirt road, bears S. 65° E. and N. 65° W.
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., 18 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S27 S26 1959</p>
	No suitable accessories available.
	Asc. 160 ft. over general SE. slope.
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., 20 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T38N R15W S22 S23 S26 S27 1959</p>
	<p>Land, rolling. Soil, rocky and sandy clay. Timber, thinly scattered juniper and pinon. Undergrowth, desert shrubs and cacti.</p>
	From the cor. of secs. 23, 24, 25 and 26.
	S. 89° 46' W., bet. secs. 23 and 26.
	Over rolling land with general S. slope, through moderate dense juniper and pinon.
.50	Barbed wire fence, bears N. 10° W. and S. 10° W.
31.90	Dirt road, bears N. and S.
36.70	Wash, 50 lks. wide, 4 ft. deep, drains S.
39.99	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., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S23 S26 1960</p>
	Asc. 140 ft. over SE. slope.
79.98	The cor. of secs. 22, 23, 26 and 27.

Dependent Resurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains

Land, rolling.
Soil, rocky and sandy clay.
Timber, thinly scattered juniper and pinon, on W. $\frac{1}{2}$; moderately dense on E. $\frac{1}{2}$.
Undergrowth, desert shrubs and cacti.

S. 89° 42' W., bet. secs. 22 and 27.

Over rolling land.

4.00 Spur, slopes SW.; desc. 70 ft. over W. slope.

12.90 Wash, 40 lks. wide, 2 ft. deep, drains S.; asc. 80 ft. over E. slope.

31.25 Barbed wire fence, bears NE. and SW.; enter moderately dense juniper and pinon, bears irregularly N. and S.

39.93 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., 22 ins. in the ground in a collar of stone to top, with brass cap mkd.

T38N R15W

$\frac{1}{4}$ S22

S27

1959

Cont. over rolling land.

55.60 Wash, 40 lks. wide, 2 ft. deep, drains S. 20° W.

60.90 Wash, 40 lks. wide, 2 ft. deep, drains S. 15° E.

70.10 Dirt road, bears N. and S.

79.86 The cor. of secs. 21, 22, 27 and 28, mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling.
Soil, sandy clay.
Timber, scattered to moderately dense juniper and pinon.
Undergrowth, desert shrubs.

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

N. 0° 01' W., bet. secs. 22 and 23.

Over rolling land, with general S. slope, through moderately dense juniper and pinon.

13.20 Wash, 30 lks. wide, 2 ft. deep, drains S. 65° 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., 6 ins. in the ground to solid rock and supported in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

$\frac{1}{4}$
S22 | S23

1959

Independent Resurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains	
69.20	Wash, 50 lks. wide, 8 ft. deep, drains SW.
80.00	Point for the cor. of secs. 14, 15, 22 and 23. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T38N R15W S15 S14 S22 S23 1959
	Land, rolling. Soil, sandy clay. Timber, moderately dense juniper and pinon. Undergrowth, desert shrubs and cacti.
	From the cor. of secs. 13, 14, 23 and 24. S. 89° 47' W., bet. secs. 14 and 23. Over rolling land, through scattered juniper and pinon.
1.40	Wash, 30 lks. wide, 3 ft. deep, drains S. 15° W.; asc. 100 ft. over E. slope.
21.50	Spur, slopes S.; desc. 50 ft. over W. slope.
27.00	Wash, 30 lks. wide, 3 ft. deep, drains SE.; asc. 180 ft. over NE. slope.
38.80	Spur, slopes S. and SE.; desc. 10 ft. over W. slope.
39.98	Point for the ¼ sec. cor. of secs. 14 and 23. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T38N R15W ¼ S14 S23 1960
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Desc. 200 ft. over broken slope.
53.80	Wash, 60 lks. wide, 3 ft. deep, drains S. 10° E.; asc. 80 ft. over SE. slope.
73.30	Small wash, drains S. 75° E.
79.96	The cor. of secs. 14, 15, 22 and 23. Land, rolling and broken, Soil, rocky and sandy clay. Timber, scattered juniper and pinon. Undergrowth, desert shrubs and cacti.

Dependent Resurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains

S. 89° 40' W., bet. secs. 15 and 22.

Over broken land, through scattered juniper and pinon.

Asc. 240 ft. over ledgy SE. slope.

13.40

Spur, projects SW.; desc. 340 ft. over broken NW. slope.

39.90

Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T38N R15W

 $\frac{1}{4}$ S15

S22

1960

No suitable accessories available.

Desc. 40 ft. over W. slope.

47.40

Wash, 30 lks. wide, 2 ft. deep, drains S. 15° W.; thence along S. slope.

79.80

The cor. of secs. 15, 16, 21 and 22, mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.

Land, rolling and broken.

Soil, rocky and sandy clay.

Timber, thinly scattered juniper and pinon.

Undergrowth, desert shrubs and cacti.

From the cor. of secs. 14, 15, 22 and 23.

N. 0° 01' W., bet. secs. 14 and 15.

Over broken land, through thinly scattered juniper and pinon.

By triangulation, asc. approx. 400 ft. over ledgy SE. slope.

22.10

End of triangulation on rim of mesa, bears irregularly NE. and SW.; asc. 70 ft. over SE. slope.

31.80

Spur, slopes SW.; desc. 60 ft. over NW. slope.

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. diam., 20 ins. in the ground, with brass cap mkd.

T38N R15W

 $\frac{1}{4}$ S15 | S14

1960

Raise a mound of stone, 3 ft. base, 18 ins. high, W. of monument.

Asc. 40 ft. over SE. slope.

44.50

Rim of canyon, bears NE. and SW.; thence by triangulation; desc. approx. 300 ft. over ledgy NW. slope.

52.00

Bottom of canyon, drains SW.; asc. approx. 300 ft. over ledgy SE. slope.

Independent Resurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains 68.70	End of triangulation on N. rim of canyon, bears NE. and SW.; thence over rolling land, through moderately dense juniper and pinon.				
80.00	Point for the cor. of secs. 10, 11, 14 and 15. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.				
	<p>T38N R15W</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>S10</td><td>S11</td></tr> <tr><td>S15</td><td>S14</td></tr> </table> <p>1960</p>	S10	S11	S15	S14
S10	S11				
S15	S14				
	Raise a mound of stone, 3 ft. base, 18 ins. high, W. of monument.				
	Land, broken and rolling. Soil, rocky and sandy clay. Timber, thinly scattered to dense juniper and pinon. Undergrowth, desert shrubs and cacti.				
	From the cor. of secs. 11, 12, 13 and 14.				
	S. 89° 49' W., bet. secs. 11 and 14.				
	Over broken land, through moderately dense juniper and pinon.				
	Desc. 20 ft. over W. slope.				
3.50	Wash, 10 lks. wide, 2 ft. deep, drains SW.				
6.50	Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. 110 ft. over E. slope.				
27.40	Spur, projects S.; desc. 180 ft. over steep W. slope.				
35.50	Wash, 30 lks. wide, 2 ft. deep, drains S. 10° E.; asc. 40 ft. over steep E. slope.				
39.95	Point for the ¼ sec. cor. of secs. 11 and 14. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.				
	<p>T38N R15W</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>¼ S11</td></tr> <tr><td>S14</td></tr> </table> <p>1960</p>	¼ S11	S14		
¼ S11					
S14					
	Thence by triangulation asc. approx. 480 ft. over ledgy E. slope.				
50.00	E. rim of mesa, bears irregularly NE. and SW.; thence over rolling land.				
79.90	The cor. of secs. 10, 11, 14 and 15. Land, rolling and broken. Soil, rocky and sandy clay. Timber, scattered to dense juniper and pinon. Undergrowth, desert shrubs and cacti.				

Dependent Resurvey of Portion of Subdivision, T. 38 N., R. 15 W.

Chains

S. 89° 44' W., bet. secs. 10 and 15.

Over rolling land, through moderately dense juniper and pinon.

37.70

Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 10 and 15.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R15W

1960

37.90

W. rim of mesa, bears irregularly NE. and SW. By triangulation desc. approx. 160 ft. over ledgy NW. slope.

39.95

True point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 15 falls on NW. facing ledge where it is impractical to set the monument.

Desc. approx. 340 ft. over ledgy NW. slope.

72.00

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

76.00

Dirt road, bears NE. and SW.

79.90

End of triangulation at the cor. of secs. 9, 10, 15 and 16, which is mkd. by an iron post, 2 $\frac{1}{2}$ ins. diam., conforming to the record.Land, E. $\frac{1}{2}$ rolling; W. $\frac{1}{2}$ broken.

Soil, rocky and sandy clay.

Timber, scattered to moderately dense juniper and pinon.

Undergrowth, desert shrubs and cacti.

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

N. 0° 05' W., bet. secs. 10 and 11.

Over rolling land, through moderately dense juniper and pinon.

14.75

S. rim of canyon, bears E. and W.; thence by triangulation, desc. approx. 240 ft. over ledgy N. slope.

24.00

Wash in bottom of canyon, drains W.; asc. approx. 300 ft. over ledgy S. slope.

37.70

End of triangulation on N. rim of canyon, bears E. and W.; thence over rolling land.

39.70

W. rim of mesa, bears irregularly NE. and SW.; desc. 20 ft. over ledgy NW. slope.

40.24

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. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R15W

1960

Thence by triangulation, desc. approx. 400 ft. over ledgy NW. slope.

Independent Survey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains	
56.00	Cottonwood Wash, 50 lks. wide, 3 ft. deep, drains SW.; asc. approx. 400 ft. over ledgy SE. slope.
76.00	Rim, bears irregularly NE. and SW.; thence over rolling land.
80.48	End of triangulation at the cor. of secs. 2, 3, 10 and 11, which is mkd. by an iron post, 30 ins. long, 2½ ins. diam., conforming to the record.
	Land, broken. Soil, rocky and sandy clay. Timber, moderately dense juniper and pinon. Undergrowth, desert shrubs and cacti.
	West, bet. secs. 3 and 10. Over rolling land, through scattered juniper and pinon.
11.10	Rim of mesa, bears irregularly NE. and SW.; by triangulation desc. approx. 440 ft. over ledgy NW. slope.
34.00	Wash, 30 lks. wide, 2 ft. deep, drains SW.
39.88	Point for the ¼ sec. cor. of secs. 3 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38N R15W S 3 S10 1960
	Thence over rolling land.
43.75	End of triangulation.
51.75	Bulldozed road, bears N. 10° W. and S. 10° E.
63.50	Bulldozed road, bears N. and S.
66.60	Wash, 30 lks. wide, 3 ft. deep, drains S.
79.76	Intersect the E. bdy. of sec. 4. Point for the closing cor. of secs. 3 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38N R15W S4 S3 C S10 1960
	From this point the cor. of secs. 3, 4, 9 and 10 bears S. 0° 02' E., 89 lks. dist., and is monumented by an iron post, 2½ ins. diam., conforming to the record. This point will now function as the cor. of secs. 4 and 9 only. I remark the monument as follows.
	T38N R15W S 4 S10 S9 1960 1959

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

Land, broken and rolling.
Soil, rocky and sandy clay.
Timber, scattered juniper and pinon.
Undergrowth, desert shrubs and cacti.

The point for the W. $\frac{1}{4}$ sec. cor. of sec. 3 is 40.00 chs. N. $0^{\circ} 02'$ W. of the closing cor. of secs. 3 and 10, and on the W. bdy. of sec. 3.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

$\frac{1}{4}$

S 3

1960

From this point, the $\frac{1}{4}$ sec. cor. of secs. 3 and 4 bears S. $0^{\circ} 02'$ E., 96 lks. dist. and is monumented by an iron post, $2\frac{1}{2}$ ins. diam., conforming to the record. This point will now function as the $\frac{1}{4}$ sec. cor. of sec. 4 only. I remark the monument as follows:

T38N R15W

$\frac{1}{4}$

S 4

1956

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy., which is mkd. by an iron post, $2\frac{1}{2}$ ins. diam., conforming to the record.

N. $0^{\circ} 03'$ W., bet. secs. 32 and 33.

Over mountainous land, through a scattered growth of mixed juniper and pinon.

By triangulation; desc. approx. 40 ft. over ledgy W. slope.

9.00 Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. approx. 400 ft. over ledgy SE. slope.

26.00 End of triangulation on rim of mesa, bears irregularly SW. and NE.
Thence over rolling mesa top.

30.70 Rim of mesa, bears irregularly NW. and SE.; desc. 100 ft. over ledgy NE. 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., 16 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R15W

$\frac{1}{4}$

S32 | S33

1959

Survey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains

Desc. 40 ft. along steep E. slope.

42.30 Slope, changes to rolling.

74.60 Stock pond, bears E., 1.00 ch. dist.

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

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

T38N R15W

S29 | S28

S32 | S33

1959

Land, mountainous and rolling.

Soil, gravelly and sandy clay.

Timber, scattered juniper and pinon.

Undergrowth, blackbrush and mountain rush.

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

N. 89° 56' W., bet. secs. 28 and 33.

Over broken land, through scattered growth of mixed juniper and pinon.

By triangulation, desc. approx. 50 ft. over boulder strewn, steep W. slope.

2.30 Cottonwood wash, 50 lks. wide, 3 ft. deep, drains SW.

4.00 Dirt road, bears NE. and SW.; asc. approx. 500 ft. over ledgy and boulder strewn E. slope.

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

24.70 End of triangulation; thence over rolling land on mesa top.

37.20 Bulldozed road, bears N. and S.

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

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R15W

¼ S 28

S 33

1960

Cont. over rolling land.

46.30 Low ridge, bears N. and S.

65.20 W. rim of mesa, bears N. and S.; desc. 220 ft. over boulder strewn steep W. slope.

Dependent Resurvey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains	
72.60	Base of steep slope; thence over rolling land.
74.40	Wash, 10 lks. wide, 1 ft. deep, drains S.
80.10	The cor. of secs. 28, 29, 32 and 33.
	Land, broken and rolling. Soil, gravelly and sandy clay. Timber, thinly scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and cacti.
	N. 0° 03' W., bet. secs. 28 and 29.
	Over rolling land, through scattered growth of mixed juniper and pinon.
	Asc. 100 ft. over SE. slope.
7.90	Slope, changes to E.; asc. 130 ft. along E. slope.
19.30	Spur, projects E. from mesa approx. 2100 chs. W.; desc. 80 ft. along E. slope.
30.20	Small draw, drains E.; asc. 140 ft. along E. slope.
35.40	Rim of mesa, bears N. 70° E. and S. 70° W.; asc. 20 ft. over slight S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T38N R15W $\frac{1}{4}$ S29 S28 1959
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Asc. 70 ft. over slight S. slope on mesa top.
80.00	Point for the cor. of secs. 20, 21, 28 and 29.
	Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38N R15W S20 S21 S29 S28 1959
	Land, rolling. Soil, gravelly and sandy clay. Timber, scattered mixed growth of juniper and pinon. Undergrowth, blackbrush, mountain rush and cacti.
	From the cor. of secs. 21, 22, 27 and 28.
	N. 89° 57' W., bet. secs. 21 and 28.
	Over broken land, through thinly scattered juniper.

Dependent Resurvey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains	
	Asc. 440 ft. over steep, boulder strewn NE. slope.
29.40	Rim of mesa, bears N. 15° W. and S. 15° E.; thence over rolling mesa top, through dense growth of mixed juniper and pinon.
40.05	Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38N R15W $\frac{1}{4}$ $\frac{S21}{S28}$ 1959
	Cont. over rolling mesa top, through dense juniper and pinon.
49.40	Leave dense timber, bears NE. and SW.
56.45	Rim of mesa, bears N. and S.; desc. 200 ft. over steep, boulder strewn W. slope.
65.70	Jeep road, bears N. and S.
66.20	Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 200 ft. over steep, boulder strewn E. slope.
74.60	Rim of mesa, bears N. and S.; thence over rolling top.
80.10	The cor. of secs. 20, 21, 28 and 29. Land, mesa and canyon land. Soil, gravelly, sandy clay. Timber, dense juniper and pinon on E. $\frac{1}{2}$. Undergrowth, blackbrush, mountain rush and cacti.
	N. 0° 07' E., bet. secs. 20 and 21. Over rolling land, through thinly scattered juniper.
.50	Rim of mesa, bears N. 10° E. and S. 10° W.; thence along ledgy, boulder strewn W. slope of mesa.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21, falls on ledgy W. slope where it is impractical to set the monument.
42.30	Mesa rim, changes to abrupt NE. bearing; desc. 180 ft. over ledgy NW. slope.
48.40	Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 20 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T38N R15W W C $\frac{1}{4}$ $\frac{S20}{S21}$ 1959
	Desc. 270 ft. over ledgy boulder strewn NW. slope.
80.10	The cor. of secs. 16; 17, 20 and 21, which is mkd. by an iron post, 2½ ins. diam., conforming to the record.

Dependent Re Survey of Portion of the Subdivision, T. 38 N., R. 15 W.

Chains

Land, broken.
Soil, boulder strewn, gravelly and sandy clay.
Timber, thinly scattered juniper.
Undergrowth, blackbrush, mountain rush and cacti.

From the cor. of secs. 8, 9, 16 and 17.

N. 0° 03' W., bet. secs. 8 and 9.

Over rolling land, through thinly scattered juniper and undergrowth.

Asc. 20 ft. over slight SE. slope.

5.20 Wash, 20 lks. wide, 1 ft. deep, drains SE.; asc. 120 ft. over boulder strewn SE. slope.

12.00 Base of ledgy slope, bears NE. and SW.; asc. 340 ft. over ledgy SE. slope.

30.70 Ridge, bears NE. and SW.; desc. 320 ft. over ledgy NW. slope.

40.00 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., 10 ins. in the ground to solid rock, in a mound of stone, 3 $\frac{1}{2}$ ft. base to top, with brass cap mkd.

T38N R15W

$\frac{1}{4}$
S8 | S9
1960

Desc. 150 ft. over ledgy, boulder strewn NW. slope.

45.70 Base of steep slope, bears NE. and SW.; desc. 180 ft. over NW. slope

74.95 Wash, 30 lks. wide, 2 ft. deep, drains irregularly W.; asc. 100 ft. over SE. slope.

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

T38N R15W

S5 | S4
S8 | S9
1960

Land, rolling and broken.
Soil, shallow, rocky and sandy clay.
Timber, thinly scattered scrub juniper.
Undergrowth, blackbrush, mountain rush, greasewood and cacti.

From the cor. of secs. 4 and 9, herein before described.

S. 89° 54' W., bet. secs. 4 and 9.

Over broken land, through scattered juniper and pinon.

Asc. 500 ft. over ledgy boulder strewn SE. slope.

24.40 Finger mesa, bears N. and S., by triangulation desc. approx. 500 ft. over boulder strewn and ledgy NW. slope.

Dependent Re-Survey of Portions of Subdivision, T. 38 N., R. 15 W.

Chains	
39.95	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 9.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S 4 S 9 1960</p>
	<p>Desc. 290 ft. over boulder strewn NW. slope.</p>
72.00	<p>Wash, 50 lks. wide, 4 ft. deep, drains SW. 120 ft. over steep W. slope.</p>
79.90	<p>The cor. of secs. 4, 5, 8 and 9.</p> <p>Land, broken. Soil, boulder strewn, sandy clay. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and cacti.</p>
	<p>N. $0^{\circ} 03'$ W., bet. secs. 4 and 5.</p>
	<p>Over mountainous land with precipitous slopes, through thinly scattered scrub juniper.</p>
4.05	<p>Wash, 10 lks. wide, 1 ft. deep, drains S. 5° E.; asc. 600 ft. over boulder strewn and ledgy SE. slope.</p>
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 5.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S 5 S 4 1960</p>
	<p>Asc. 610 ft. over ledgy SE. slope.</p>
56.50	<p>Ridge, bears irregularly NE. and SW.; thence by traverse desc. approx. 1200 ft. along NW. facing ledges.</p>
82.69	<p>The true point for the cor. of secs. 4, 5, 32 and 33, on the N. bdy. from which its witness cor. bears W. 3.40 chs. dist.</p> <p>Land, mountainous, with precipitous slopes. Soil, rocky, sandy clay, with large areas of exposed bedrock. Timber, thinly scattered juniper. Undergrowth, blackbrush, mountain rush, greasewood and cacti.</p>
	<p>From the true point for the cor. of secs. 5, 6, 31 and 32, on the S. bdy.</p> <p>From this point the witness cor. of secs. 5, 6, 31 and 32 bears S. $89^{\circ} 50'$ W., 50 lks. dist., which is mkd. by an iron post, $2\frac{1}{2}$ ins. diam. hereinbefore described.</p>

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains	
40.00	<p>N. 0° 03' W., bet. secs. 31 and 32..</p> <p>Over rolling land, through thinly scattered juniper.</p> <p>Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p>
45.30	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S31 S32 1960</p> <p>Asc. 60 ft. over SE. slope.</p> <p>Spur, slopes SW.; desc. 80 ft. over NW. slope.</p>
61.70	Wash, 10 lks. wide, 3 ft. deep, drains SW.; asc. 80 ft. over SE. slope.
67.40	Spur, slopes SW.; desc. 60 ft. over NW. slope.
80.00	<p>Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T38N R15W S30 S29 S31 S32 1960</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, rolling.</p> <p>Soil, gravelly and sandy clay.</p> <p>Timber, scattered juniper.</p> <p>Undergrowth, blackbrush, mountain rush and cacti.</p>
8.00	<p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>S. 89° 52' W., bet. secs. 29 and 32.</p> <p>Over rolling land, through scattered juniper and pinon.</p> <p>Base of steep slope, bears N. and S.; asc. 210 ft. over boulder strewn E. slope.</p>
18.40	E. rim of mesa, bears irregularly N. and S.; thence over rolling top.
19.60	W. rim of same mesa; bears irregularly N. and S.; desc. 480 ft. over boulder strewn and ledgy W. slope.
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T38N R15W $\frac{1}{4}$ S29 S32 1960</p>
	Desc. 120 ft. over W. slope.

Survey of Portion of the Subdivision of T. 38 N., R. 15 W.

Chains	
54.00	Land, becomes rolling.
80.00	The cor. of secs. 29, 30, 31 and 32. Land, rolling and broken. Soil, rocky and sandy clay. Timber, scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and cacti.
	S. 89° 50' W., bet. secs. 30 and 31. Over rolling land, through thinly scattered juniper.
5.00	Tom and Cull Wash, 2.00 chs. wide, 3 ft. deep, drains S.; asc. 30 ft. over slight SE. slope.
27.30	Wash, 30 lks. wide, 2 ft. deep, drains SE.; asc. 40 ft. over SE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 30 and 31. Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T38N R15W $\frac{1}{4}$ $\frac{S30}{S31}$ 1960
80.74	Asc. 170 ft. over SE. slope. The cor. of secs. 25, 36, 30 and 31, on the W. bdy., which is mkd. by an iron post, 2½ ins. diam., conforming to the record. Land, rolling. Soil, shallow, gravelly and sandy clay. Timber, very thinly scattered juniper. Undergrowth, blackbrush, mountain rush and cacti.
	From the cor. of secs. 29, 30, 31 and 32. N. 0° 03' W., bet. secs. 29 and 30. Over rolling land, through thinly scattered juniper.
5.00	Tom and Cull Wash, 80 lks. wide, 3 ft. deep, drains SW.
10.60	Wash, 20 lks. wide, 2 ft. deep, drains S. 65° W.; asc. 50 ft. over W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T38N R15W $\frac{1}{4}$ $\frac{S30}{S29}$ 1960 Thence over rolling land.

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

51.20 Wash, 30 lks. wide, 2 ft. deep, drains S. 65° W.

71.00 Wash, 30 lks. wide, 2 ft. deep, drains S. 15° E.

80.00 Point for the cor. of secs. 19, 20, 29 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

S19|S20

S30|S29

1960

Land, rolling.

Soil, shallow, gravelly and sandy clay.

Timber, very thinly scattered juniper.

Undergrowth, blackbrush, mountain rush and cacti.

From the cor. of secs. 20, 21, 28 and 29.

S. 89° 50' W., bet. secs. 20 and 29.

Over broken land, through scattered juniper and pinon.

.70 W. rim of mesa; desc. 560 ft. over ledgy, boulder strewn W. slope.

23.00 Base of ledgy slope, bears N. and S.; desc. 100 ft. over boulder strewn W. slope.

40.02 Point for the ¼ sec. cor. of secs. 20 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

¼ S20

S29

1960

Desc. 10 ft. over W. slope.

41.20 Tom and Cull Wash, 50 lks. wide, 2 ft. deep, drains S. 10° W.; asc. 90 ft. over E. slope.

52.50 Low spur, slopes S. 10° W.; desc. 60 ft. over W. slope.

67.20 Wash, 70 lks. wide, 1 ft. deep, drains S. 20° W.; thence over rolling land.

80.04 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and broken.

Soil, gravelly and sandy clay.

Timber, thinly scattered juniper.

Undergrowth, blackbrush, mountain rush and cacti.

S. 89° 53' W., bet. secs. 19 and 30.

Over rolling land, with slight SE. slope, through thinly scattered juniper.

Survey of a Portion of the Subdivision of T₃₈ N., R. 15 W.

Chains

Asc. 50 ft. over slight SE. slope.

39.50 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 19 and 30.

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

T38N R15W
W $\frac{1}{4}$ ← S 19
C ← S 30
1960

40.00 True point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 30 falls in wash, 20 lks. wide, 2 ft. deep, draining SE. where the cor. cannot be perpetuated.

Cont. over rolling land.

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

Land, rolling.

Soil, shallow and sandy clay.

Timber, thinly scattered juniper.

Undergrowth, blackbrush, mountain rush and cacti.

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

N. 0° 03' W., bet. secs. 19 and 20.

Over rolling land with slight SE. slope, through thinly scattered juniper.

3.00 Small wash near head, drains S. 10° W.; asc. 120 ft. over slight SE. slope.

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., 16 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T38N R15W
S19 | S20
1960

Asc. 170 ft. along SE. slope.

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., 8 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W
S18 | S17
S19 | S20
1960

Land, rolling, with SE. slope.

Soil, shallow and gravelly, sandy clay.

Timber, thinly scattered juniper.

Undergrowth, blackbrush, mountain rush and cacti.

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains	<p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>S. 89° 50' W., bet. secs. 17 and 20.</p> <p>Over rolling land, through thinly scattered juniper.</p> <p>Desc. 70 ft. over W. slope.</p>
7.50	<p>Wash, 10 lks. wide, 2 ft. deep, drains S. 75° W.; desc. 50 ft. over W. slope.</p>
18.60	<p>Tom and Cull Wash, 40 lks. wide, 5 ft. deep, drains S.; asc. 40 ft. along SE. slope.</p>
40.10	<p>Point for the ¼ sec. cor. of secs. 17 and 20.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T38N R15W ¼ $\frac{S17}{S20}$ 1960</p>
80.20	<p>Asc. 90 ft. along SE. slope.</p> <p>The cor. of secs. 17, 18, 19 and 20.</p> <p>Land, rolling with SE. slope. Soil, shallow, gravelly and sandy clay. Timber, thinly scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and cacti.</p>
40.00	<p>S. 89° 49' W., bet. secs. 18 and 19.</p> <p>Over rolling land, through thinly scattered juniper.</p> <p>Asc. 180 ft. over SE. slope.</p> <p>Point for the ¼ sec. cor. of secs. 18 and 19.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T38N R15W ¼ $\frac{S18}{S19}$ 1960</p>
41.00	<p>Land, becomes broken; asc. 340 ft. along steep broken SE. slope.</p>
77.00	<p>Spur, slopes S.; desc. 60 ft. over steep W. slope.</p>
80.63	<p>The cor. of secs. 13, 18, 19 and 24, on the W. bdy.</p> <p>Land, E.½ rolling; W. ½ broken. Soil, shallow, gravelly and rocky sandy clay. Timber, thinly scattered juniper and pinon. Undergrowth, blackbrush, mountain rush and cacti.</p>

Survey of a Portion of the Subdivision of T. 38-N., R. 15 W.

Chains	
	<p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>N. 0° 03' W., bet. secs. 17 and 18.</p> <p>Over rolling land, through thinly scattered juniper and pinon.</p> <p>Asc. 140 ft. over SE. slope.</p>
22.30	Wash, 20 lks. wide, 2 ft. deep, drains irregularly S.
23.00	Base of steep slope, bears SW. and NE.; asc. 270 ft. over steep ledgy SE. slope.
40.00	<p>Point for the $\frac{1}{4}$ sec. cor. of secs. 17 and 18.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T38N R15W $\frac{1}{4}$ S18 S17 1960</p> <p>Asc. 140 ft. over steep SE. slope.</p>
51.10	Wash, 30 lks. wide, 2 ft. deep, drains S. 5° E.; asc. 460 ft. over ledgy SE. slope.
68.90	Ridge, bears N. 70° E. and S. 70° W.; by triangulation desc. approx. 400 ft. over ledgy broken NW. slope.
80.00	<p>Point for the cor. of secs. 7, 8, 17 and 18.</p> <p>Set an iron post, 30 ins. long, 2$\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock, in a mound of stone, 3$\frac{1}{2}$ ft. base to top, with brass cap mkd.</p>
	<p style="text-align: center;">T38N R15W S 7 S 8 S18 S17 1960</p> <p>Land, mountainous with precipitous slopes. Soil, shallow, rocky and sandy clay. Timber, thinly scattered juniper. Undergrowth, blackbrush, greasewood and cacti.</p>
	<p>From the cor. of secs. 8, 9, 16 and 17.</p> <p>S. 89° 58' W., bet. secs. 8 and 17.</p> <p>Over rolling land, through thinly scattered scrub juniper.</p> <p>Asc. 190 ft. over SE. slope.</p>
19.00	Base of steep slope, bears NE. and SW.; asc. 360 ft. over boulder strewn and ledgy SE. slope.
40.02	<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 solid rock, in a mound of stone, 3$\frac{1}{2}$ ft. base to top, with brass cap mkd.</p>

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains	
	T38N R15W $\frac{1}{4}$ $\frac{S}{S17}$ 1960
	Asc. 100 ft. over ledgy, boulder strewn SE. slope.
52.00	Narrow ridge, bears NE. and SW.; by triangulation desc. approx. 400 ft. over ledgy NW. slope.
80.04	End of triangulation at the cor. of secs. 7, 8, 17 and 18.
	Land, E. 20 chs. rolling; W. 60 chs. broken. Soil, shallow, boulder strewn, rocky and sandy clay. Timber, thinly scattered scrub juniper. Undergrowth, scattered blackbrush, greasewood and cacti.
	S. 89° 40' W., bet. secs. 7 and 18.
	Over mountainous land; desc. 140 ft. along rolling N. slope through scattered timber.
39.60	Wash, 20 lks. wide, 3 ft. deep, drains NE.; asc. 10 ft. over SE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 18.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap mkd.
	T38N R15W $\frac{1}{4}$ $\frac{S}{S18}$ 1960
	Raise a mound of stone, 3½ ft. base, 3 ft. high, north of cor.
	Asc. 410 ft. over broken SE. slope.
57.90	Narrow ridge top, bears NE. and SW.; desc. approx. 450 ft. over broken NW. slope.
80.58	True point for the cor. of secs. 7, 12, 13 and 18 on the W. bdy. of the township.
	Land, mountainous. Soil, shallow, rocky and sandy. Timber, thinly scattered scrub juniper. Undergrowth, blackbrush, mountain rush, greasewood and cacti.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over mountainous land, through thinly scattered scrub juniper.
	Desc. 320 ft. over steep NW. slope.
18.60	Wash, 40 lks. wide, 5 ft. deep, drains E.; asc. 90 ft. over steep S. slope.
24.40	Spur, slopes E.; desc. 100 ft. over steep N. slope.
28.45	Wash, 30 lks. wide, 2 ft. deep, drains E.; asc. 90 ft. over broken SE. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 8.

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

½
S7 | S8
1960

Asc. 210 ft. along broken SE. slope.

62.60 Broken ridge top, bears NE. and SW.; desc. 260 ft. along broken ledgy NW. slope.

75.90 Point selected for the witness cor. of secs. 5, 6, 7 and 8.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

W C
S6 | S5
S7 | S8
1960

80.00 True point for the cor. of secs. 5, 6, 7 and 8 falls on NW. facing ledges, where it is impractical to set the monument.

Land, mountainous with precipitous slopes.
Soil, shallow, rocky and sandy clay.
Timber, thinly scattered scrub juniper.
Undergrowth, blackbrush, mountain rush, greasewood and cacti.

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

N. 89° 59' W., bet. secs. 5 and 8.

Over distorted mountainous land, very thinly scattered scrub juniper. By traverse and triangulation asc. 100 ft. over S. slope.

17.00 Spur, projects S.; desc. approx. 400 ft. along ledgy SW. slope.

31.40 Point selected for the witness ¼ sec. cor. of secs. 5 and 8.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

W ¼ S 5
C ← S 8
1960

Desc. approx. 40 ft. along ledgy S. slope.

40.10 True point for the ¼ sec. cor. of secs. 5 and 8 falls on ledgy S. slope where it is impractical to set the monument.

Asc. approx. 100 ft. along ledgy SE. slope.

50.00 Spur; projects SW.; desc. approx. 480 ft. over ledgy NW. slope.

57.00 Wash, 30 lks. wide, 3 ft. deep, drains S.; asc. approx. 720 ft. over ledgy E. slope.

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains	
78.00	Spur, slopes N. 20° E.; desc. about 100 ft, over ledgy W. slope.
80.20	The true point for the cor. of secs. 5, 6, 7 and 8, from which its witness cor. bears S. 0° 03' E., 4.10 chs. dist.
	<p>Land, distorted limestone. Soil, shallow rocky and sandy clay, with large areas of exposed bedrock. Timber, very thinly scattered scrub juniper. Undergrowth, blackbrush, mountain rush, greasewood and cacti.</p>
	S. 89° 46' W., bet. secs. 6 and 7.
	Over mountainous land with precipitous slopes, through thinly scattered scrub juniper.
	By triangulation; desc. approx. 480 ft. over ledgy W. slope.
9.00	Draw, drains N.; asc. approx. 160 ft. over steep E. slope.
13.00	Spur, projects N. 10° E.; desc. approx. 400 ft. over ledgy NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 6 and 7.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T38N R15W ¼ $\frac{S\ 6}{S\ 7}$ 1960
41.50	End of triangulation on spur sloping NW.; desc. 280 ft. along steep S. slope.
51.90	Wash, 20 lks. wide, 2 ft. deep, drains SW.; thence over rolling land.
80.52	The cor. of secs. 1, 6, 7 and 12 on the W. bdy.
	<p>Land, mountainous and rolling. Soil, shallow, rocky and gravelly sandy clay. Timber, thinly scattered juniper. Undergrowth, blackbrush, mountain rush, greasewood and cacti.</p>
	From the true point for the cor. of secs. 5, 6, 7 and 8, from which its witness cor. bears S. 0° 03' E., 4.10 chs. dist.
	N. 0° 06' E., bet. secs. 5 and 6.
	Over mountainous land, with precipitous slopes.
	By triangulation desc. approx. 640 ft. along ledgy W. slope.
20.00	Base of steep slope, bears E. and W.; thence desc. approx. 300 ft. over boulder strewn N. slope.
29.00	Wash, 30 lks. wide, 3 ft. deep, drains NW.; asc. approx. 60 ft. along W. slope.
40.00	Point for the ¼ sec. cor. of secs. 5 and 6.

Survey of a Portion of the Subdivision of T. 38 N., R. 15 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T38N R15W

S 6 | S 5

1960

Asc. approx. 60 ft. along W. slope.

46.50 End of triangulation on low spur sloping W.; thence over rolling land on general W. slope.

79.25 Wash, 60 lks. wide, 3 ft. deep, drains W.

82.62 The cor. of secs. 5, 6, 31 and 32 on the N. bdy.

Land, mountainous and rolling.

Soil, shallow, gravelly sandy clay.

Timber, very thinly scattered juniper.

Undergrowth, scattered blackbrush, mountain rush, greasewood and cacti.

GENERAL DESCRIPTION

Township 38 North, Range 15 West is in Mohave County, Arizona, and is approximately 12 miles southeast of the town of Mesquite, Nevada. The land of the township is mostly canyon and mesa type topography, with some mountainous land in the northwest portion. The elevation of the township ranges from about 4,000 to 6,000 ft. above sea level. The drainage of the township is made up of dry washes, which drain south and southeast.

The soil is for the most part shallow, gravelly, sandy clay, which supports a vegetative cover composed of scattered juniper and pinon, with an undergrowth of greasewood, catclaw, blackbrush and cacti.

There is one road into the township which enters from the south and roughly parallels the third meridional section line through the township. The only development in the township other than the above noted road is the windmill and cabin in section 27. These are used by the stockmen who use the land for grazing of livestock.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Boyd S. Owens	Crew Chief
Glen B. Hatch	Principal Assistant
LaVern Griffin	Chainman
Parley Pratt	Flagman
Gary T. Oviatt	Cornerman
Jerry Lee Thomas	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Dell Cazier, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day of August, 1959, I have ~~surveyed~~ independently resurveyed the south and west boundaries and a portion of the subdivision and surveyed the completion of the subdivision of T. 38 N., R. 15 W.

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.

Salt Lake City, Utah
November 15, 1960

Dell Cazier
Dell Cazier
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., APR 2 1962, 19

The foregoing field notes of the ~~survey of~~ dependent resurvey of the south and west boundaries and the dependent resurvey of a portion of the subdivision and the survey of the completion of the subdivision of T. 38 N., R. 15 W., Gila and Salt River Meridian, Arizona,

executed by Boyd S. Owens, Cadastral Surveyor, under the supervision of Dell Cazier having been critically examined and found correct, are hereby approved.

E. L. Livingston
Chief, 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.