

Original.

4-679
(April 1933)

Book A.

BOOK 4011

FIELD NOTES

of the

establishment of corners on the East boundary
and the

Survey of the Subdivisional Lines of

Township 11 North, Range 9 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Theodore Vander Meer, U.S. Transitman

and

Benjamin J. Mollette, U.S. Transitman

Under special instructions dated August 31, 1933, which provided
for the surveys included under Group No. 186, bearing the approval of the
Commissioner of the General Land Office under date of September 22, 1933
and assignment instructions dated December 21, 1933.

Survey commenced February 1, 1934.

Survey completed February 14, 1934.

4011

4011

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1A

BOOK 4011

INDEX DIAGRAM.

Township 11 North, Range 9 West

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EAST BOUNDARY OF T.11 N., R.9 W.

The subdivisional survey of township 11 north, range 9 west, was executed with two light-mountain solar transits, made by the Buff & Buff Co., Serial Nos. 9977 and 9223, owned by the General Land Office. The horizontal circles have diameters of $4\frac{1}{2}$ ins., with two double verniers placed opposite each other reading to single minutes; the vertical circles have diameters of 4 ins., with one double vernier reading to single minutes; the telescopes have fixed stadia wires, ratio 1-132, with a focal constant of 1.2 lks. The instruments are equipped with the improved Smith solar attachments; radius of latitude arcs $3\frac{1}{2}$ ins., and of declination arcs 3 ins., each with verniers reading to single minutes. The instruments were in good condition and, having been tested and found free from appreciable error prior to beginning the survey, were approved by the district cadastral engineer for Arizona on Dec. 21, 1933. All the instrument adjustments were examined immediately before making the field tests hereinafter recorded.

The directions of the lines were determined by solar transit method. The measurements were made with Lallie steel tapes, 5 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained with a clinometer in good adjustment; the horizontal equivalents are entered in the field note record. Some of the distances were determined by triangulation, as shown in the record.

The data furnished with the special instructions gave the geographical position for the SE. cor. of the Tp. as follows: latitude $34^{\circ}14'36''$ N., and longitude $113^{\circ}08'18''$ W. As these have been checked by recent General Land Office surveys in adjoining Tps., no position observations are recorded.

Jan. 31, 1934, in camp near the center of sec. 22, T.11 N., R.9 W., at $10^{\text{h}}53^{\text{m}}$ p.m., l.m.t., using instrument No. 9977, we observe Polaris at western elongation, making two sights each with the telescope in direct and reversed positions, and mark the mean point with a tack in a stake driven firmly in the ground about 5 chs. N. After sunrise on Feb. 1 we set off the azimuth of Polaris, $1^{\circ}15'51''$, as closely as possible, to the east, and mark the meridian thus determined by identifying a rock on the mountain about 1 mile N.

At 30-minute intervals from 7:30 to 10:30 a.m. and from 1:30 to 4:30 p.m., we make proper settings of the arcs of the solar attachments and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observation, agree within $1'30''$.

We repeat the tests of the arcs daily by noon observation and verify the meridional indications at frequent intervals during the period of the survey.

EAST BOUNDARY OF T.11 N., R.9 W.

The ~~east~~ boundary was surveyed in 1933 by T. Vander Meer, U.S.T., under current Group No. 178, establishing corners for T.11 N., R.8 W., only. The offset bet. Rs. 8 and 9 W. at the SE. cor. of T.11 N., R.9 W., is 6.35 chs. South of the corners of R.8 W. The following notes describe the establishment of the corners for R.9 W. on that offset.

From the $\frac{1}{4}$ sec. cor. of sec. 31, only, on the W. bdy. of T.11 N., R.8 W., a brass-capped iron post set flush with the top of a mound of stone,

S. $0^{\circ}04'E.$, on true line, on E. bdy. of sec. 36,



EAST BOUNDARY OF T. 11 N., R. 9 W.

Chains

6.35 (40.00 chs. in latitude from SE. cor. of Tp.) Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 36, only, with brass cap mkd.

1/4
S36

1934

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

From the cor. of secs. 30 and 31, only, a brass-capped iron post, 2 ins. diam., projecting 12 ins. above ground, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 25.

6.35 (80.00 chs. in latitude from SE. cor. of Tp.) Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 25 and 36, only, with brass cap mkd.

T11N
R9W
S25 | T11N
S36 | R8W
S31
1934

From the 1/4 sec. cor. of sec. 30, only, a properly mkd. brass-capped iron post, set flush with top of a large mound of stone,

S.0°04'E., on true line, on E. bdy. of sec. 25.

6.35 (40.00 chs. in latitude from SE. cor. of sec. 25) Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. of sec. 25, only, with brass cap mkd.

1/4
S25

1934

and raise a mound of stone, 4 ft. base, 4 ft. high, W. of cor.

From the cor. of secs. 19 and 30, only, a brass-capped iron post, 2 ins. diam., set flush with top of a large mound of stone, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 24.

6.25 (80.10 chs. in latitude from the SE. cor. of sec. 25) Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone mkd. X deposited at the base, and in a mound of stone to top, for witness cor. to cor. of secs. 24 and 25, only, with brass cap mkd.

T11N
R9W R8W
WC S24 | S30
S25
1934

EAST BOUNDARY OF T.11 N., R.9 W. (15)

Chains

6.35 (80.00 chs. in latitude from SE. cor. of sec. 25) True point for cor. of secs. 24 and 25, only, falls on sloping bedrock of rocky draw, course NE.

From the $\frac{1}{4}$ sec. cor. of sec. 19, only, a brass-capped iron post, 1 in. diam., projecting 9 ins. above ground, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 24.

6.35 (40.00 chs. in latitude from SE. cor. of sec. 24) Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 24, only, with brass cap mkd.

$\frac{1}{4}$
S24

1934

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

From the cor. of secs. 18 and 19, only, a brass-capped iron post, 2 ins. diam., projecting 9 ins. above ground, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 13.

6.35 (80.00 chs. in latitude from the SE. cor. of sec. 24) Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, supported in a mound of stone, for cor. of secs. 13 and 24, only, with brass cap mkd.

T11N
R9W R8W
S13
S24

1934

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

From the $\frac{1}{4}$ sec. cor. of sec. 18, only, a brass-capped iron post, 1 in. diam., projecting 9 ins. above ground, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 13.

6.35 (40.00 chs. in latitude from the SE. cor. of sec. 13) Set an iron post, 3 ft. long, 1 in. diam., 32 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13, only, with brass cap mkd.

$\frac{1}{4}$
S13

1934

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

From the cor. of secs. 7 and 18, only, a brass-capped iron post, 2 ins. diam., projecting 8 ins. above ground, mkd. and witnessed as described in the official record,

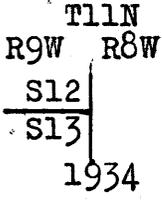


EAST BOUNDARY OF T.11 N., R.9 W.

Chains

S.0°04'E., on true line, on E. bdy. of sec. 12.

6.35 (80.00 chs. in latitude from the SE. cor. of sec. 13) Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 12 and 13, only, with brass cap mkd.

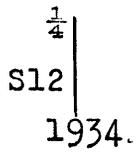


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From the $\frac{1}{4}$ sec. cor. of sec. 7, only, a brass-capped iron post, 1 in. diam., projecting 6 ins. above ground, mkd. on brass cap and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 12.

6.35 (40.00 chs. in latitude from the SE. cor. of sec. 12) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 12, only, with brass cap mkd.

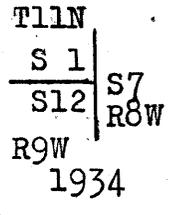


and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

From the cor. of secs. 6 and 7, only, a brass-capped iron post, 2 ins. diam., projecting 6 ins. above ground, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 1.

6.35 (80.00 chs. in latitude from the SE. cor. of sec. 12) Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 1 and 12, only, with brass cap mkd.



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

From the $\frac{1}{4}$ sec. cor. of sec. 6, only, a brass-capped iron post, 1 in. diam., projecting 9 ins. above ground, mkd. and witnessed as described in the official record,

S.0°04'E., on true line, on E. bdy. of sec. 1.

6.35 (40.00 chs. in latitude from the SE. cor. of sec. 1) Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, only, with brass cap mkd.

EAST BOUNDARY OF T.11 N., R.9 W.

Chains

 $\frac{1}{4}$
 S1
 1934

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

SUBDIVISIONS OF T.11 N., R.9 W.

Beginning at the cor. of secs. 1, 2, 35 and 36, on the S.
 bdy. of the Tp., which is an iron post, 2 ins. diam.,
 firmly set and properly mkd. on brass cap, dated 1919,
 and witnessed as described in the official record,

N.0°05'W., on true line, bet. secs. 35 and 36.

Over rolling land; through desert growth.

Asc. 40 ft. over SE. slope.

- 8.50 Spur, slopes E.; desc. 34 ft. over NE. slope.
- 13.50 Sag, drains E.; asc. 12 ft.
- 18.50 Low spur, slopes E.; desc. 12 ft.
- 21.30 Wash, 10 lks. wide, course E.; asc. 35 ft. over S. slope.
- 23.50 Over top of spur, slopes SE.
- 27.00 Leave spur; desc. 44 ft. over NW. slope.
- 36.10 Draw, course E.; asc. 30 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, and in a small mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap mkd.

 $\frac{1}{4}$
 S35 | S36
 1934

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

- 40.10 Short spur, slopes E.; desc. 21 ft. over NE. slope.
- 43.70 Drain, course SE.; asc. 21 ft.
- 45.50 Short spur, slopes E.; desc. 22 ft.
- 53.20 Short wash, 5 lks. wide, course NE.
- 57.20 Wash, 20 lks. wide, 2 ft. deep, course SE.; asc. 30 ft.
 over S. slope.
- 58.50 Point of spur, slopes W.; desc. 30 ft.
- 59.20 Wash, course SW.
- 63.20 Wash, 5 lks. wide, course SE.; asc. 104 ft. over SW. slope.

2A

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T11NR9W

S26 | S25

S35 | S36

1934

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

Land: rolling, broken.

Soil: gravel loam, 3rd rate.

Undergrowth: palo verde, cactus, greasewood, catclaw.

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

40.00 Set temp. ¼ sec. cor.

80.16 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs. 25 and 36, only, hereinbefore described.

Thence

N.89°58'W., on true line, bet. secs. 25 and 36.

Over rolling land; through desert growth.

Asc. 8 ft.

7.90 Spur, slopes SE.; along S. slope.

16.00 Head of drain, course SE.

21.70 Spur, slopes S.

26.70 Spur, slopes S.; desc. 23 ft. over SW. slope.

31.30 Shallow wash, 10 lks. wide, course SE.; asc. 30 ft. over NW. slope.

34.40 Dim road, bears NW. and SE.

39.95 Drain, course NW.

40.08 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

S25
¼
S36
1934

Asc. 23 ft. over NE. slope.

45.00 Short spur, slopes N.; desc. 15 ft. over W. slope.

51.40 Short wash, course NW.; asc. 36 ft. over E. slope.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

- 56.00 Branch spurs, slope N. and SE.; desc. 35 ft. over SW. slope.
- 59.70 Small wash, course N.70°E.; asc. 80 ft. over NE. slope.
- 75.70 Low ridge, bears N. and SE.; desc. 75 ft. over SW. slope.
- 80.16 The cor. of secs. 25,26,35 and 36.
- Land: rolling.
Soil: gravel, 3rd rate.
Undergrowth: palo verde, cactus, catclaw, greasewood.
-
- N.0°05'W., bet. secs. 25 and 26.
- Over rolling and mountainous land; through desert growth.
Asc. 72 ft. over SW. slope.
- 9.13 Spur, slopes NW.; desc. 95 ft. over NE. slope.
- 15.50 Slope changes; along W. slope.
- 23.50 Dim road, bears E. and W.
- 30.50 Drain, course W.; asc. 115 ft. over SW. slope.
- 38.30 Spur, slopes N.70°W., desc. 50 ft. over NNW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S26} | \text{S25} \\ | \\ 1934 \end{array}$$

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

Desc. 116 ft. over NNW. slope.

- 48.40 Wash, 4 lks. wide, course NW.; asc. 33 ft. over SW. slope.
- 51.30 Low spur, slopes NW.; desc. 30 ft. over N. slope.
- 54.20 Wash, 5 lks. wide, course W.; along W. slope.
- 61.30 Low spur, slopes NW.; desc. 37 ft. over gentle N. slope.
- 74.30 Wash, 5 lks. wide, course W.; asc. 23 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 23,24,25 and 26, with brass cap mkd.

$$\begin{array}{c} \text{T11NR9W} \\ \text{S23} | \text{S24} \\ \text{S26} | \text{S25} \\ | \\ 1934 \end{array}$$

Land: rolling and mountainous.
Soil: gravel loam, 3rd rate.
Undergrowth: palo verde, greasewood, cactus, catclaw, bayonet, etc.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

- S.89°58'E., on random line, bet. secs. 24 and 25.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.18 Intersect E. bdy. of Tp., 7 lks. N. of the true point for cor. of secs. 24 and 25, only. Witness cor. for same, 10 lks. N.0°04'W. of true point, hereinbefore described.
- Thence, from true point,
N.89°55'W., on true line, bet. secs. 24 and 25.
Over rolling-mountainous land; through desert growth.
- 0.15 Draw, course N. for 1 ch., thence E.; asc. 70 ft. over NE. slope.
- 10.00 Spur, slopes N.; desc. 37 ft. over W. slope.
- 13.10 Draw, course NW.; asc. 175 ft. over NE. slope.
- 26.70 Spur, slopes N.; desc. 115 ft. over NW. slope.
- 37.00 Ravine, course N.; along N. slope.
- 40.09 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S24
S25
1934

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

- 40.30 Drain, course N.
- 42.10 Ravine, course N.70°E.; asc. 286 ft. over general SE. slope, to ridge.
- 55.00 Ravine, course SE.
- 65.00 Ridge, bears NW. and SE.; desc. 158 ft. over W. slope.
- 73.25 Ravine, course SW.; over flat.
- 80.18 The cor. of secs. 23,24,25 and 26.
- Land: rolling-mountainous and flat.
Soil: rocky and gravel, 3rd rate.
Undergrowth: palo verde, mesquite, catclaw, greasewood, cactus, bayonet, etc.
-
- N.0°05'W., bet. secs. 23 and 24.
- Over rolling and mountainous land; through desert growth.
Asc. 107 ft. over SW. slope.
- 9.40 Ridge, bears SE. and NW.; desc. 82 ft. over NE. slope.
- 16.10 Ravine, course NE.; asc. 382 ft. over SE. slope, to 35.30 chs.
- 20.90 Rocky drain, course SE.
- 25.60 Drain, course SE.
- 35.30 Spur, slopes E.; desc. 43 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \hline \text{S23} | \text{S24} \\ \hline 1934 \end{array}$$

Desc. 84 ft. over NE. slope.

- 47.10 Head of ravine, course NE; asc. 38 ft. over SE. slope.
- 53.00 Over top of spur, slopes N.70°E.
- 56.00 Leave same; desc. 410 ft. over N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 13,14,23 and 24, with brass cap mkd.

$$\begin{array}{c} \text{T11NR9W} \\ \hline \text{S14} | \text{S13} \\ \hline \text{S23} | \text{S24} \\ \hline 1934 \end{array}$$

Land, rolling and mountainous.
Soil: rocky gravel and adobe, 3rd rate.
Undergrowth: palo verde, cactus, greasewood, catclaw, bayonet, etc.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	S.89°55'E., on random line, bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect E. bdy. of Tp., 4 lks. N. of the cor. of secs. 13 and 24, only, an iron post, 2 ins. diam., firmly set and mkd. on brass cap and witnessed as hereinbefore described.
	Thence
	N.89°53'W., on true line, bet. secs. 13 and 24.
	Over rolling-mountainous land; through desert growth.
	Desc. 300 ft. over W. slope.
18.00	Wash, 40 lks. wide, trace of water, in canyon, course N.; asc. 350 ft. over general E. slope.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ <u>S13</u> $\frac{1}{4}$ S24 1934
	Asc. 30 ft. over SE. slope.
43.10	Spur, slopes NE.; along N. slope.
47.10	Head of ravine, course NE.; asc. 51 ft. over E. slope.
49.90	Spur, slopes N.; desc. 35 ft. over NW. slope.
52.50	Ravine, course N.; asc. 181 ft. over E. slope.
63.50	Spur, slopes NE.; over broken N. slope.
80.12	The cor. of secs. 13, 14, 23 and 24.
	Land, rolling-mountainous. Soil: adobe and gravel, 3rd rate. Undergrowth: mesquite, greasewood, palo verde, catclaw, cactus, bayonet.

	N.0°05'W., bet. secs. 13 and 14.
	Over mountainous land; through desert growth.
0.80	Head of ravine, course S.60°W.; asc. 50 ft. over gradual SW. slope.
22.18	Top of sandstone cliffs, 90 ft. high, face NE.; desc. 350 ft. over same and NE. slope.
31.00	Ravine, wide bottom, course N.60°E.
31.60	Asc. 230 ft. over SSW. slope.
39.00	Spur, slopes NE.; desc. 15 ft. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, with a stone mkd. X. deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	<div style="text-align: center;"> $\frac{1}{4}$ S14 S13 1934 </div>
	Desc. 286 ft. over NW. slope, to 60.90 chs.
51.50	Spur, slopes N.30°W.
56.50	Ravine, wide bottom, course NE.
60.90	Ravine, course S.70°E., asc. 37 ft. over SW. slope.
61.40	Spur, slopes SE., desc. 83 ft. over NE. slope.
65.50	Canyon, 50 lks. wide at bottom, dry, course E.; asc. 143 ft. over SE. slope, to cor.
76.40	Drain, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground and in a mound of stone to top, for cor. of secs. 11,12,13 and 14, with brass cap mkd.
	T11NR9W S11 S12 S14 S13 1934
	raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
	Land, mountainous. Soil, adobe and gravel loam, 3rd rate. Undergrowth, palo verde, greasewood, catclaw, cactus, greasewood.

	S.89°53'E., on random line, bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 12 and 13, only, an iron post, 2 ins. diam., firmly set and mkd. on brass cap and witnessed as hereinbefore described.
	Thence
	N.89°56'W., on true line, bet. secs. 12 and 13.
	Over mountainous land; through desert growth.
	Asc. 14 ft. over NE. slope.
2.40	Spur, slopes NE.; desc. 14 ft. over NW. slope.
4.40	Head of ravine, course NE.; asc. 40 ft. over SE. slope.
12.50	Spurs, slopes NE. and NW. Along N. slope.
19.00	Slope changes; desc. 145 ft. over SW. slope.
25.90	Ravine, course NW.; asc. 76 ft. over NE. slope.
32.70	Spur, slopes N., desc. 117 ft. over SW. slope.
34.05	NE. cor. of rock house bears N.76°W.
37.20	Rocky ravine, course NW.; along N. slope.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

- 40.00 Spur, slopes NE.
- 40.10 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ S12
S13
1934
- raise a mound of
stone, 3 ft. base, 3 ft. high, N. of cor.
- Desc. 127 ft. over NW. slope.
- 40.90 Road, bears SW. and NE.
- 46.00 Wash, 50 lks. wide, with stream 1 lk. wide, course NE.
- 46.80 Irrigation ditch, 1 ft. wide, course NE.; asc. 135 ft. over SE. slope.
- 49.90 Point of spur, slopes NE.; Over rolling N. slope.
- 57.80 Spur, slopes NW.; desc. 85 ft. over SW. slope.
- 60.80 Canyon, course NE.; asc. 70 ft. over NE. slope.
- 63.30 Slope changes; desc. 25 ft. along N. slope.
- 69.70 Drain, course NE.
- 73.10 Same drain, course SE.; asc. 150 ft. to cor.
- 75.20 Gully, course NE.; over short spur, slopes E.
- 80.20 The cor. of secs. 11, 12, 13 and 14.
- Land, mountainous.
Soil: adobe loam, 3rd rate.
Undergrowth, palo verde, cactus, greasewood, catclaw, mesquite, bayonet, etc.
-
- N. 0° 05' W., bet. secs. 11 and 12.
- Over broken and mountainous land; through desert growth.
- Desc. 92 ft. over NE. slope.
- 4.60 Draw, course SE.; asc. 83 ft. over SSW. slope.
- 8.40 Spur, slopes SE.; desc. 16 ft. over NE. slope.
- 11.10 Ravine, course SE.; asc. 77 ft. over SW. slope.
- 19.10 Spur, slopes SE.; desc. 162 ft. over rolling NE. slope.
- 29.00 Over spur, slopes E.
- 30.80 Leave spur; desc. 90 ft. over NW. slope.
- 34.00 Ravine, course NE. ; asc. 50 ft. over SE. slope.
- 38.30 Spur, slopes E.; desc. 10 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

S11 | S12

1934

Desc. 10 ft. over NE. slope.

45.00 Gully, course E.; asc. 33 ft. over SE. slope.

52.20 Spur, slopes SE.; desc. 106 ft. over NE. slope.

61.10 Ravine, course SE.; asc. 98 ft. over SW. slope.

65.80 Spur, slopes NE.

69.40 Leave spur; desc. 180 ft. over general NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.

T11NR9W

S2 | S1
S11 | S12

1934

Land, mountainous.

Soil, adobe loam and gravel, 3rd rate.

Undergrowth, palo verde, catclaw, bayonet, greasewood, cactus.

S.89°56'E., on random line, bet. secs. 1 and 12.40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 1 and 12, only, an iron post, 2 ins. diam., firmly set, and mkd. on brass cap and witnessed as hereinbefore described.

Thence

N.89°55'W., on true line, bet. secs. 1 and 12.

Over rolling land; through desert growth.

15.00 Wash, 5 lks. wide, 5 ft. deep, course S70°W.

36.00 Over bottom land, bears SE. and N.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 1
S12

1934

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

56.20 Over wash, course NW.

57.50 Road, from SE., connects NW.

59.20 Road, bears SW. and NE.

59.30 Mouth of wash from SW.

SUBDIVISIONS OF T. 11 N., R. 9 W.

Chains	
60.20	Leave wash, bears SW. and NE., over bottom land.
63.50	Leave bottom land, bears SW. and NE., asc. 50 ft. over SE. slope.
65.00	Spur, slopes N., desc. 10 ft.
73.60	Drain, course NW., asc. 57 ft. over NE. slope.
80.06	The cor. of secs. 1, 12, 11 and 12. Land, rolling and bottom. Soil, loam and adobe, 2nd and 3rd rates. Undergrowth, mesquite, catclaw, cactus, greasewood, palo verde, bayonet, ocatillo.

	N.0°04'W., on random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.99	Intersect N. bdy. of Tp., 6 lks. E. of the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of T. 11 N., R. 9 W., which is an iron post, 3 ins. diam., projecting 8 ins. above ground, firmly set and mkd. on brass cap and witnessed as described in the official record.
	Thence
	S.0°07'E., on true line, bet. secs. 1 and 2.
	Over rolling land, through desert growth.
3.40	Fence, bears E. and 3 chs. W.
13.00	Head of drain, course SE., asc. 88 ft. over NE. slope.
23.60	Spur, slopes SE.; desc. 291 ft. over SW. slope.
37.70	Road, bears SE. and NW.
39.70	Wash, 30 lks. wide, course NW.; asc. 10 ft. over NE. slope.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ \uparrow S2 S1 1934
	Asc. 12 ft. over NE. slope.
40.50	Low spur, slopes NW.; desc. 22 ft.
40.90	Enter wash, course NW.
41.50	Road in same, bears SE. and NW.
44.60	Leave wash; over bottom land.
53.50	Shallow wash, 40 lks. wide, course NW.
60.50	Leave bottom land, bears SE. and NW.; asc. 144 ft. over gradual NE. slope.
79.99	The cor. of secs. 1, 2, 11 and 12.

10
BOOK 4011

12-6-1944 Mr. Yochelson, Range Development, reports Cor.Secs.21-22, ($\frac{1}{4}$ Cor)
marked 22:21 instead of 21:22 T 11 N., R. 9 W.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

Land; rolling and bottom.
Soil; loam and gravel, 2nd rate.
Undergrowth; mesquite, catclaw, cactus, greasewood, yucca.

Beginning at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., an iron post, 2 ins. diam., projecting 10 ins. above a mound of stone, firmly set, mkd. on brass cap and witnessed as described in the official record,

N.0°05'W., bet. secs. 34 and 35.

Over rough mountainous land; through desert growth.

- 0.25 Small ravine, course E.; asc. 25 ft. over S. slope.
4.00 Low spur, slopes E.; desc. 40 ft. over N. slope.
8.20 Ravine, course E.
12.90 Ravine, course E.; asc. 520 ft. over SE. slope.
26.60 Top of cliff faces S. and short spur, slopes E.; desc. 380 ft. over rugged E. slope.
36.00 Saddle, in ridge, bears N.30°E. and SW.; head of ravine, course NW.; over rugged W. slope.
36.40 Set an iron post, 3 ft. long, 1 in. diam., on cross (X) on bedrock, and in a large mound of stone to top, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 W | C
 S34 | S35
 1934

- 40.00 True point for $\frac{1}{4}$ sec. cor. difficult of access; not reached.
69.20 Ridge, bears NW. and SE., 425 ft. above witness $\frac{1}{4}$ sec. cor. Desc. 332 ft. over cliffs, face NE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, with a stone mkd. X. deposited at base, and in a mound of stone to top, for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.

T11NR9W
 S27 | S26
 S34 | S35
 1934

Land, rough mountainous.
Soil, rocky, 4th rate.
Undergrowth, palo verde, cactus, greasewood, mesquite, catclaw, bayonet.

N.89°59'E., on random line, bet. secs. 26 and 35.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence

Subdivisions of T.11 N., R.9 W.

Chains

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

Over rolling and mountainous land; through desert growth.

Desc. 55 ft. over W. slope.

- 4.70 Small wash, course S.; along S. slope.
- 10.50 Wash, 15 lks. wide, 1 ft. deep, course S.; asc. 80 ft. over E. slope.
- 22.90 Spur, slopes S.; over low divide, bears NE. and SW.
- 32.30 Head of wash, course NE.; asc. 25 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. diam., 6 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S26
 $\frac{1}{4}$ S35
 1934

Asc. 40 ft. over NE. slope.

- 45.00 Spur, slopes N.; desc. 11 ft.
- 48.10 Wash, 10 lks. wide, 1 ft. deep, course N.; asc. 392 ft. over general E. slope.
- 64.50 Mouth of cave in small cliff, faces SE.
- 64.80 Hill, bears E. and W.; desc. 40 ft. over NW. slope.
- 70.00 Slope changes; asc. 180 ft. over NE. slope.
- 80.00 The cor. of secs. 26, 27, 34 and 35.

Land, rolling and mountainous.
 Soil, adobe and gravel, 2nd and 3rd rates.
 Undergrowth, palo verde, cactus, yucca, catclaw, etc.

 N.0°05'W., bet. secs. 26 and 27.

Over rolling and mountainous land; through desert growth.

Desc. 470 ft. over general NE. slope, to 31.30 chs.

- 1.40 Head of ravine, course NE.
- 6.70 Spur, slopes NE.
- 11.20 Ravine, course NE.
- 16.20 Drain, course NE.
- 22.20 Spur, slopes NE.
- 31.30 Drain, course NE. Over flat spur, slopes NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S27 | S26
 1934

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
	Over general W. slope.
42.20	Short spur, slopes W.
45.50	Short spur, slopes W.; desc. 145 ft. over gentle NW.slope.
57.20	Dim road, bears E. and W.
60.40	Wash, 30 lks. wide, course N.75°W.; asc. 50 ft. over S. slope.
61.90	Short spur, slopes SW.; desc. 70 ft. over N. slope.
72.60	Wash, 5 lks. wide, course W.; asc. 70 ft. over SW. slope.
76.00	Over top of spur, slopes W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., on cross (X) on exposed bedrock, supported in a large mound of stone, for cor. of secs. 22,23,26 and 27, with brass cap mkd.
	T11NR9W S22 S23 S27 S26 1934
	Land, rolling and mountainous. Soil, rocky adobe, 3rd and 4th rates. Undergrowth, palo verde, mesquite, catclaw, catclaw, yucca, bayonet, ocatillo, etc.

	East, on random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 23,24,25 and 26.
	Thence
	S.89°54'W., on true line, bet. secs. 23 and 26.
	Over rolling land; through desert growth.
	Desc. 27 ft. over W. slope.
14.80	Draw, course S.
17.00	Draw, 15 lks. wide, 4 ft. deep, course S.; asc. 27 ft. over E. slope.
23.80	Short spur, slopes S.; desc. 21 ft. over W. slope.
28.60	Slope changes; asc. 75 ft. over E. slope.
33.20	Spur, slopes S.; desc. 130 ft. over W. slope.
38.80	Rocky wash, 10 lks. wide, course S.30°W. Over flat.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S23 $\frac{1}{4}$ S26 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
	Desc. 10 ft.
43.90	Small ravine, course SW.; asc. 70 ft. over SE. slope.
49.30	Spur, slopes S.; desc. 92 ft. over SW. slope.
57.80	Ravine, course NW.; asc. 143 ft. over NW. slope.
71.60	Rocky spur, slopes NW;; desc. 80 ft. over SW. slope.
80.00	The cor. of secs. 22,23,26 and 27.
	Land: rolling. Soil: adobe loam, 3rd rate. Undergrowth: palo verde, cactus, ocatillo, etc.

	N.0°05'W., bet. secs. 22 and 23.
	Over rolling land; through desert growth.
	Along W. slope.
6.50	Short spur, slopes NW.; desc. 74 ft. over N. slope.
10.80	Wash, 30 lks. wide, 2 ft. deep, course W.; asc. 300 ft. over S. slope.
23.90	Short spur, slopes SW.; desc. 106 ft. over broken NW.slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S22 S23 1934
	Asc. 17 ft.
42.40	Short spur, slopes W.; desc. 10 ft.
46.10	Drain, course SW;; asc. 33 ft. over SE. slope.
47.50	Spur, slopes SW.; asc. 518 ft. over SW. slope.
70.10	Ridge, bears S.70°E. and NW.; desc. gently.
75.00	Slope changes; desc. 155 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., on cross (X) on exposed bedrock, supported in a large mound of stone to top, for cor. of secs. 14,15,22 and 23, with brass cap mkd.
	T11NR9W S15 S14 S22 S23 1934
	Land: rolling to mountainous. Soil: adobe, 3rd and 4th rates. Undergrowth: greasewood, ocatillo, cactus, catclaw, etc.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
	N.89°54'E., on random line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 13, 14, 23 and 24.
	Thence
	S.89°55'W., on true line, bet. secs. 14 and 23.
	Over rolling land; through desert growth.
	Desc. 95 ft. over gradual NW. slope.
11.70	Mouth of box canyon, 10 ft. wide, 25 ft. high, course NE. Asc. 408 ft. over general NE. slope.
17.70	Ravine, 20 ft. deep, course NE.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S14 S23 1934
	Asc. 60 ft. along N. slope.
41.75	Spur, slopes N.; asc. 204 ft. over general NE. slope.
78.80	Spur, slopes N.; desc. 10 ft. over NW. slope.
80.10	The cor. of secs. 14, 15, 22 and 23.
	Land: rolling to mountainous. Soil: adobe, rocky, 3rd rate. Undergrowth: palo verde, oxatillo, cactus, bayonet, etc.

	N.0°05'W., bet. secs. 14 and 15.
	Over mountainous land; through desert growth.
	Desc. 358 ft. over NW. slope.
19.70	Ravine, course NE.; asc. 84 ft. over SE. slope.
24.00	Short spur, slopes E.; desc. 164 ft. over NNW. slope.
33.60	Canyon, water in pools, course N.60°E.; asc. 178 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S15 S14 1934
	Asc. 176 ft. over SE. slope.
52.80	Over top of spur ridge, slopes E.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains 57.80	Leave spur; desc. 348 ft. over NE. slope.
72.40	Ravine, 30 lks. wide at bottom, dry, course E.; asc. 245 ft. over rugged S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 10, 11, 14 and 15, with brass cap mkd.
	<p>T11NR9W <u>S10</u> <u>S11</u> <u>S15</u> <u>S14</u> 1934</p>
	Land, mountainous. Soil, rocky, 3rd and 4th rates. Undergrowth, palo verde, ocatillo, bayonet, cactus, greasewood, etc.

	N.89°55'E., on random line, bet. secs. 11 and 14.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 11, 12, 13 and 14.
	Thence
	S.89°58'W., on true line, bet. secs. 11 and 14.
	Over mountainous land; through desert growth.
	Asc. 220 ft. over SE. slope.
15.00	Broken spur, slopes SE.; desc. 245 ft. along S. slope.
40.01	Set an iron post, 3 ft. long, 1 in. diam., on cross (X) on exposed bedrock, and in a mound of stone to top, for 1/4 sec. cor., with brass cap mkd.
	<p><u>S11</u> 1/4 <u>S14</u> 1934</p>
40.25	Canyon, course SE.
41.30	Canyon, course N.70°E.; asc. 750 ft. over rugged SE. slope.
80.02	The cor. of secs. 10, 11, 14 and 15.
	Land, mountainous. Soil, rocky adobe, 3rd and 4th rates. Undergrowth, palo verde, catclaw, ocatillo, greasewood, cactus, mesquite.

	N.0°05'W., bet. secs. 10 and 11.
	Over mountainous land; through desert growth.
	Asc. 43 ft. over SE. slope.
2.60	Over top of flat spur, slopes E.
8.00	Leave same; desc. 210 ft. over NW. slope.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
19.80	Ravine, course E.; asc. 303 ft. over steep SW. slope.
33.10	Long spur, slopes SE.; desc. 110 ft. over NE. slope.
38.40	Head of ravine, course NE.; asc. 12 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$\begin{array}{c} \frac{1}{4} \\ \\ \text{S10} \text{S11} \\ \\ 1934 \end{array}$	
	Asc. 25 ft. over SE. slope.
43.50	Spur, slopes E.; desc. 106 ft. over NE. slope.
52.60	Ravine, course S.70°E.; asc. 199 ft. over SW. slope.
60.20	Spur, slopes S.70°E.; desc. 400 ft. over NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 2, 3, 10 and 11, with brass cap mkd.
$\begin{array}{c} \text{T11NR9W} \\ \hline \text{S3} \text{S2} \\ \hline \text{S10} \text{S11} \\ \\ 1934 \end{array}$	
	Land, mountainous. Soil, rocky adobe, 3rd rate. Undergrowth, palo verde, catclaw, cactus, ocatillo, etc.

	N.89°58'E., on random line, bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 1, 2, 11 and 12.
	Thence
	S.89°55'W., on true line, bet. secs. 2 and 11.
	Over mountainous land; through desert growth.
	Asc. 114 ft. over NE. slope:
5.20	Spur, slopes NE.; over level top of same.
10.20	Leave spur; desc. 58 ft. over NW. slope.
13.40	Head of ravine, course NW.; desc. 156 ft. over NW. slope.
25.10	Ravine, course NE.; asc. 82 ft. over SE. slope.
32.40	Spur, slopes NE.; desc. 40 ft. over NW. slope.
40.01	Set an iron post, 3 ft. long, 1 in. diam., on cross (X) on exposed bedrock, and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

$$\frac{1}{4} \frac{S2}{S11}$$

1934

Along broken N. slope.

53.00 Bend in ravine from NW., course N.60°E.; asc. 400 ft. over rocky NE. slope.

70.10 Spur, slopes NE.; desc. 27 ft. along N. slope.

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

Land, mountainous.

Soil, rocky adobe, 3rd rate.

Undergrowth, palo verde, ocatillo, greasewood, cactus, catclaw.

N.0°07'W., on random line, bet. secs. 2 and 3.40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the cor. of secs. 2,3,34 and 35, on the N. bdy. of the Tp., an iron post, 3 ins. diam., projecting 8 ins. above ground, firmly set and mkd. on brass cap and witnessed as described in the official record.

Thence

S.0°07'E., on true line, bet. secs. 2 and 3.

Over mountainous land; through desert growth.

Asc. 32 ft. over NE. slope.

8.90 Spur, slopes E.; desc. 70 ft. over SE. slope.

17.40 Ravine, course E.; asc. 223 ft. over general NE. slope.

20.50 Ravine, course NE.

39.92 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S3 \mid S2 \\ \downarrow \\ 1934 \end{array}$$

Asc. 11 ft. over NE. slope.

41.90 Broken spur, slopes NE.; desc. 115 ft. over rocky points on N. slope.

57.30 Short spur, slopes E.; desc. 365 ft. over SE. slope.

71.90 Canyon, course NE.; asc. 315 ft. over N. slope.

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

Land, mountainous.

Soil, rocky adobe, 3rd rate.

Undergrowth, ocatillo, cactus, catclaw, greasewood, palo verde.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

Beginning at the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., an iron post, 2 ins. diam., projecting 12 ins. above a mound of stone, and mkd. on brass cap and witnessed as described in the official record,

N.0°06'W., bet. secs. 33 and 34.

Over mountainous land; through desert growth.

Over SW. slope.

- 0.30 Short spur, slopes W.; desc. 23 ft.
- 2.00 Spur, slopes NW.; desc. 83 ft. over N. slope.
- 5.50 Ravine, course NW.; asc. 61 ft. over S. slope.
- 8.30 Spur, slopes W.; desc. 80 ft. over NW. slope.
- 13.10 Rocky wash, 15 lks. wide, course NW.; asc. 115 ft. over S. slope.
- 17.20 Rocky point, on spur, slopes W.; desc. 152 ft. over N. slope.
- 24.60 Rocky wash, 25 lks. wide, course N.30°W.; asc. 108 ft. over SW. slope.
- 27.10 Spur, slopes NW.; desc. 203 ft. over N. slope.
- 31.80 Drain, course W.; asc. 40 ft. over S. slope.
- 35.30 Rocky spur, slopes NW.; desc. 25 ft. over NE. slope.
- 36.20 Wash, 25 lks. wide, course NW.; asc. 25 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, with a stone mkd. X deposited beside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S33 | S34
 1934

Asc. 109 ft. over SW. slope.

- 45.50 Rocky spur, slopes W.; desc. 296 ft. over NE. slope.
- 70.20 Ravine, course N.20°W.; asc. 16 ft. over S. slope.
- 76.10 Spur, slopes NW.; desc. 31 ft. over N. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

T11NR9W
 S28 | S27
 S33 | S34
 1934

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

Land: mountainous.

Soil: rocky, adobe, 3rd rate.

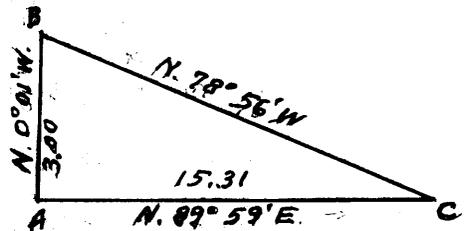
Undergrowth: palo verde, ocatillo, pala christa, cactus, greasewood, catclaw, mesquite.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

N.89°59'E., on random line, bet. secs. 27 and 34.

- 31.57 To obtain measurement over cliffs ahead triangulate as follows: Designate this point as "A" and measure a base 3.00 chs. N.1'W. to point "B". From a point, "C", forward on line, point "B" bears N.78°56'W. Bearings checked by repeated deflection. Vertical angle A to C is plus 19° Dist. by triangulation is 15.31 chs.



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

- ✓46.88 Triangulation point "C". Resume chaining.

- 80.12 Intersect N. and S. line 9 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence

N.89°57'W., on true line, bet. secs. 27 and 34.

Over rough mountainous land; through desert growth.

Asc. 325 ft. over NE. slope.

- 11.90 Ridge, bears NW. and SE.; desc. 381 ft. over SW. slope.

- 21.30 Ravine, near head, course NW.; asc. 30 ft. along N. slope.

- 24.70 Spur, slopes NW.; desc. 150 ft. over rugged SW. slope.

- 33.24 Discontinue chaining; desc. 260 ft. over cliffs, face SW.

- 39.00 (Approx) Base of cliffs.

- 40.06 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, with a stone mkd. X deposited beside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S27
 $\frac{4}{4}$ S34
1934

Over rolling land; measurement by chaining.

Desc. 90 ft. over gentle W. slope.

- 57.70 Wash, 90 lks. wide, in channel 8 ft. deep, course NW.
Desc. 70 ft. over gentle W. slope.

- 76.70 Wash, 30 lks. wide, course NW.; along N. slope.

- 80.12 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

Undergrowth, palo verde, pala christa, greasewood, cactus, ocatillo, etc.

N.0°06'W., bet. secs. 27 and 28.

Over rolling land; through desert growth.

SUBDIVISIONS OF T.21 N., R.9 W.

Chains

- 0.80 Small drain, course NW.; asc. gently.
- 16.50 Low spur, slopes NW.; desc. 75 ft. over NE. slope.
- 26.60 Wash, 50 lks. wide, course NW.
- 37.70 Low spur, slopes N.60°W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$
 S28 | S27
 1934
- raise a mound of
stone, 3 ft. base, 2 ft. high, W. of cor.
- 45.00 Wash, 90 lks. wide, course NW.
- 55.90 Wash, 40 lks. wide, 3 ft. deep, course N.70°W.
- 68.30 Low spur, slopes W.
- 73.00 Small wash, course W. Along W. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a stone mkd. X deposited at base, and in a mound of stone, 7 ft. base, to top, for cor. of secs. 21,22,27 and 28, with brass cap mkd.
- T11NR9W
 S21 | S22
 S28 | S27
 1934
- from which
Top of "window" butte bears S.38°27'E., about $\frac{1}{2}$ mile.
"Thumb" butte bears N.18°39'W., about $\frac{3}{4}$ miles.
High mt. near S. bdy. bears S.19°10'E.
- Land, rolling.
Soil, gravel adobe, 2nd and 3rd rates.
Undergrowth, palo verde, catclaw, cactus, ocatillo, etc.
-
- S.89°57'E., on random line, bet. secs. 22 and 27.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 22,23,26 and 27.
- Thence
- N.89°51'W., on true line, bet. secs. 22 and 27.
- Over heavily rolling land; through desert growth.
Desc. 81 ft. over W. slope.
- 5.40 Wash, 40 lks. wide, course NW.; asc. 106 ft. over NE. slope.
- 13.00 Point of spur, projects N.; desc. 115 ft. over W. slope.
- 26.00 Dim road, bears SE. and NW.
- 30.50 Rocky wash, 20 lks. wide, course N.; asc. 136 ft. over NE. slope.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains:

40.05 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{c} S22 \\ S27 \end{array}$$

1934

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

40.40 Spur, slopes N.; desc. 117 ft. over NW. slope.

46.00 Drain, course NW.; asc. 148 ft. over NE. slope.

53.10 Spur, slopes NW.; desc. 203 ft. over W. slope.

61.60 Wash, 15 lks. wide, course NW.; asc. 25 ft.

64.10 Spur, slopes NW.; desc. 136 ft. over NW. slope.

80.10 The cor. of secs. 21, 22, 27 and 28.

Land, heavily rolling.

Soil, rocky adobe, 3rd rate.

Undergrowth, greasewood, ocatillo, palo verde, cactus, catclaw.

N.0°06'W., bet. secs. 21 and 22.

Over rolling and broken land; through desert growth.

2.70 Shallow wash, 50 lks. wide, course S.20°W.; asc. gently.

22.20 Dim road, bears SW. and NE.; asc. 155 ft. over S. slope.

37.00 Hill, bears NW. and SE.; desc. 48 ft. over NE. slope.
Board cabin bears S.84°15'E., about 28 chs. dist.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with a stone mkd. with cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{c} S21 \\ S22 \end{array}$$

1934

Desc. 110 ft. over N. slope.

46.20 Drain, course NW. Over broken land, drains W.

66.90 Wash, 80 lks. wide, in channel 10 ft. deep, course W.; asc. 135 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 2 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 15, 16, 21 and 22, with brass cap mkd.

$$\begin{array}{c} T11NR9W \\ \hline S16 \quad S15 \\ \hline S21 \quad S22 \\ 1934 \end{array}$$

Land, rolling and broken.

Soil, adobe, rocky, 3rd rate.

Undergrowth, palo verde, mesquite, cactus, catclaw, greasewood.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
	S.89°51'E., on random line, bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 21 lks. N. of the cor. of secs. 14, 15, 22 and 23.
	Thence
	N.89°42'W., on true line, bet. secs. 15 and 22.
	Over mountainous land; through desert growth.
	Desc. 81 ft. along N. slope.
12.40	Ridge, bears NW. and SE.; desc. 386 ft. over W. slope.
25.90	Ravine, course NW.; desc. 30 ft. along same.
28.80	Leave bottom of ravine; asc. 97 ft. over NE. slope.
38.60	Spur, slopes NW.; desc. 9 ft. over NW. slope.
39.96	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with a stone mkd. X deposited at base, and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S15 <u> </u> S22 1934
	Desc. 173 ft. along top of spur, slopes W.
61.00	Spur turns to SW.; desc. 32 ft. over NW. slope.
66.50	Wash, 30 lks. wide, course SW.; asc. 150 ft. over SE. slope.
72.40	Short spur, slopes S.; desc. 44 ft. along S. slope.
79.92	The cor. of secs. 15, 16, 21 and 22.
	Land, mountainous. Soil, rocky adobe, 3rd and 4th rates. Undergrowth, palo verde, catclaw, mesquite, cactus, greasewood, ocatillo, etc.

	N.0°06'W., bet. secs. 15 and 16.
	Over mountainous land; through desert growth.
	Asc. 106 ft. over S. slope.
4.40	Rocky spur, slopes S.70°W.; desc. 158 ft. over NW. slope.
14.90	Ravine, course SW.; asc. 23 ft.
20.70	Drain, course SW.
25.00	Slope changes; asc. 220 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S16 S15 1934

SUBDIVISIONS OF T.11 N., R.9 W.

Chains					
	Asc. 267 ft. over rugged SW. slope.				
47.50	Rocky spur, slopes SW.; desc. 108 ft. over NW. slope.				
52.20	Ravine, course W., soon SW.; asc. 250 ft. over SW. slope.				
58.80	Spur, slopes W.; desc. 175 ft. over NW. slope.				
65.80	Ravine, wide bottom, course NW.; asc. 33 ft. over SW. slope.				
68.20	Spur, slopes W.; desc. 57 ft. over NW. slope.				
71.20	Small ravine, course W.; asc. 10 ft. over S. slope.				
73.20	Short spur, slopes W.; desc. 32 ft.				
75.10	Small ravine, course NW.; asc. 32 ft. over SW. slope.				
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a large mound of stone to top, for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.				
	T11N R9W <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 9</td> <td style="padding: 0 5px;">S10</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S16</td> <td style="padding: 0 5px;">S15</td> </tr> </table> 1934	S 9	S10	S16	S15
S 9	S10				
S16	S15				
	Land, mountainous. Soil, rocky, 4th rate. Undergrowth, palo verde, ocatillo, catclaw, cactus.				
	S.89°42'E., on random line, bet. secs. 10 and 15.				
40.00	Set temp. $\frac{1}{4}$ sec. cor.				
80.04	Intersect N. and S. line, 16 lks. S. of the cor. of secs. 10, 11, 14 and 15.				
	Thence				
	N.89°49'W., on true line, bet. secs. 10 and 15.				
	Over mountainous land; through desert growth.				
	Asc. 28 ft. over SE. slope.				
1.00	Short spur, slopes SE.; desc. 150 ft. over SW. slope.				
20.50	Head of canyon, course SE.; asc. 685 ft. over NE. slope.				
37.10	Spur, slopes SE.; desc. 25 ft. over SW. slope.				
40.02	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, with a stone mkd. X deposited at base, and in a large mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.				
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; padding: 0 5px;">$\frac{1}{4}$S10</td> </tr> <tr> <td style="padding: 0 5px;">$\frac{1}{4}$S15</td> </tr> </table> 1934	$\frac{1}{4}$ S10	$\frac{1}{4}$ S15		
$\frac{1}{4}$ S10					
$\frac{1}{4}$ S15					
	Desc. 290 ft. over SW. slope.				
51.10	Ravine, course SE.; asc. 183 ft. over NE. slope.				
57.80	Ridge, bears NW. and SE.; desc. 295 ft. over SW. slope.				

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
65.30	Ravine, course NW.; desc. 222 ft. over rugged NW. slope.
80.04	The cor. of secs. 9, 10, 15 and 16.
	Land, mountainous. Soil, rocky adobe, 3rd and 4th rates. Undergrowth, palo verde, catclaw, ocatillo, cactus, greasewood, mesquite.

	N.0°06'W., bet. secs. 9 and 10.
	Over mountainous land; through desert growth.
	Desc. 80 ft. over NW. slope.
4.20	Ravine, course S.70°W.; asc. 690 ft. over rugged SW. slope.
16.50	Ravine, course SW.
39.80	Ridge, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S9 \mid S10 \\ \downarrow \\ 1934 \end{array}$
	Desc. 211 ft. over NE. slope.
48.90	Draw, course NE.; asc. 105 ft. over SE. slope.
62.40	Spur, slopes E.; desc. 21 ft.
64.00	Head of ravine, course SE.; asc. 21 ft.
69.00	Long spur, slopes N.70°E.; desc. 91 ft. over NE. slope.
75.50	Head of ravine, course NE.; asc. 35 ft. over SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., on cross (X) on exposed bedrock, supported in a mound of stone to top, for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.
	$\begin{array}{c} T11NR9W \\ S4 \mid S3 \\ \hline S9 \mid S10 \\ \downarrow \\ 1934 \end{array}$
	Land, mountainous. Soil, adobe, 3rd and 4th rates. Undergrowth, palo verde, ocatillo, oak, chapparal, catclaw, cactus, greasewood, etc.

	S.89°49'E., on random line, bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 2, 3, 10 and 11.
	Thence

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

- N.89°52'W., on true line, bet. secs. 3 and 10.
Over mountainous land; through desert growth.
Desc. 90 ft. over rolling N. slope.
- 22.40 Canyon, course NE.; asc. 380 ft. over rugged SE. slope.
- 40.10 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ S3
 $\frac{1}{4}$ S10
1934
- 40.70 Rocky point, projects S.; desc. 40 ft. over SW. slope.
- 42.30 Draw, course S.; asc. 109 ft. over S. slope.
- 49.00 Small ravine, course S.; asc. 236 ft. over SE. slope.
- 56.00 Spur, slopes NE.; desc. 140 ft. over NW. slope.
- 68.20 Ravine, course NE.; asc. 211 ft. over SE. slope.
- 80.20 The cor. of secs. 3, 4, 9 and 10.
Land, mountainous.
Soil, adobe, 3rd and 4th rates.
Undergrowth, palo verde, ocatillo, cactus, oak, catclaw.
-
- N.0°07'W., on random line, bet. secs. 3 and 4.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. bdy. of Tp., 16 lks. E. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, 3 ins. diam., projecting 10 ins. above a small mound of stone, firmly set, mkd. on brass cap and witnessed as described in the official record.
- Thence
- S.0°14'E., on true line, bet. secs. 3 and 4.
Over rolling-mountainous land; through desert growth.
Asc. 241 ft. over NW. slope.
- 24.80 Spur, slopes NE.; desc. 300 ft. over SE. slope.
- 35.50 Canyon, course N.70°E.; asc. 80 ft. over NW. slope.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$
S4 | S3
1934
- Asc. 10 ft. over NW. slope.
- 41.00 Short spur, slopes NW.; asc. 150 ft. over N. slope.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
47.00	Head of ravine, course NW.; asc. 650 ft. over broken N. slope.
77.50	Spur, slopes NE.; desc. 25 ft. over SE. slope.
80.02	The cor. of secs. 3,4,9 and 10. Land, mountainous. Soil, adobe, gravel, 3rd rate. Undergrowth, palo verde, catclaw, oak, ocatillo, cactus.

	Beginning at the cor. of secs. 4,5,32 and 33, on the S. bdy. of the Tp., an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set, mkd. on brass cap and witnessed as described in the official record, N.0°06'W., on true line, bet. secs. 32 and 33. Over level desert; through desert growth.
4.70	Wash, 50 lks. wide, course W.
8.00	Over rolling land; asc. 150 ft. over S. slope.
17.60	Top of knoll, bears E. and W.; desc. 107 ft. over N. slope.
25.90	Wash, 15 lks. wide, 2 ft. deep, course W.; asc. 20 ft.
28.40	Short spur, slopes W.
31.40	Wash, 30 lks. wide, 2 ft. deep, course SW.; asc. 106 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;"> $\begin{array}{c} \uparrow \\ \text{S32} \mid \text{S33} \\ \text{1934} \end{array}$ </div>
	Asc. 168 ft. over S. slope.
46.00	Top of ascent; hill bears about 2 chs. NW.; desc. 230 ft. over NE. slope.
60.40	Wash, 40 lks. wide, course N.70°W.; asc. 4 ft.
64.50	Wash, 40 ft. wide, course W.; asc. 25 ft.
66.60	Spur, slopes W.; desc. 28 ft.
70.80	Wash, 30 lks. wide, course S.70°W.; asc. 35 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 28,28,32 and 33, with brass cap mkd. <div style="text-align: center;"> $\begin{array}{c} \text{T11NR9W} \\ \text{S29} \mid \text{S28} \\ \text{S32} \mid \text{S33} \\ \text{1934} \end{array}$ </div>
	Land, rolling. Soil, gravel adobe, 3rd rate. Undergrowth, palo verde, cactus, catclaw, greasewood, ocatillo.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

- N.89°59'E., on random line, bet. secs. 28 and 33.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 4 lks. S. of the cor. of secs. 27, 28, 33 and 34.
- Thence
- S.89°57'W., on true line, bet. secs. 28 and 33.
- Over rolling land; through desert growth.
- Asc. 12 ft. over NE. slope.
- 2.40 Spur, slopes NW.; desc. 20 ft. over W. slope.
- 4.90 Ravine, course NW.
- 7.50 Drain, course N.20°E.; asc. 35 ft. over NE. slope.
- 12.40 Short spur, slopes N.; asc. 50 ft. along N. slope.
- 24.00 Rocky hill, bears NW. and SE.; desc. 210 ft. over W. slope.
- 33.20 Rocky wash, 10 lks. wide, course SW.; asc. 30 ft. over SE. slope.
- 40.01 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ S28
 $\frac{1}{4}$ S33
1934
- Over gentle SW. slope.
- 45.50 Spur, slopes S.60°W.; desc. 80 ft. over general W. slope.
- 67.90 Wash, course S.60°W.; asc. 20 ft. over SE. slope.
- 72.00 Spur, slopes S.60°W.; desc. 20 ft. over NW. slope.
- 80.02 The cor. of secs. 28, 29, 32 and 33.
- Land, rolling.
Soil, gravel adobe, 3rd rate.
Undergrowth, palo verde, mesquite, cactus, ocatillo, greasewood, yucca, etc.
-
- N.0°06'W., bet. secs. 28 and 29.
- Over gently rolling land; through desert growth.
- 3.20 Drain, course SW.
- 16.10 Wash, 15 lks. wide, course SW.
- 26.70 Small wash, course SW
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S29 | S29
1934

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.								
41.30	Drain, course W.								
68.60	Wash, 80 lks. wide, course W.								
72.80	Wash, 80 lks. wide, course SW.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 20,21,28 and 29, with brass cap mkd.								
	<table border="1"> <tr><td colspan="2">T11NR9W</td></tr> <tr><td>S20</td><td>S21</td></tr> <tr><td>S29</td><td>S28</td></tr> <tr><td colspan="2">1934</td></tr> </table>	T11NR9W		S20	S21	S29	S28	1934	
T11NR9W									
S20	S21								
S29	S28								
1934									
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.								
	Land, gently rolling. Soil, adobe and volcanic loam, 2nd and 3rd rate. Undergrowth, palo verde, cactus, yucca, catclaw, ocatillo, greasewood.								

	N.89°57'E., on random line, bet. secs. 21 and 28.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.12	Intersect N. and S. line, 4 lks. S. of the cor. of secs. 21,22,27 and 28.								
	Thence								
	S.89°55'W., on true line, bet. secs. 21 and 28.								
	Over rolling land; through desert growth.								
1.20	Wash, 30 lks. wide, course SW.								
6.40	Low rocky spur, slopes S.								
7.60	Short drain, course S.; asc. 85 ft. over SE. slope.								
17.40	Top of rocky knoll, on spur, slopes S.; desc. 132 ft. over W. slope.								
32.50	Wash, 25 lks. wide, course N.65°W. Over gently rolling land.								
40.06	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.								
	<table border="1"> <tr><td>$\frac{1}{4}$S21</td></tr> <tr><td>S28</td></tr> <tr><td>1934</td></tr> </table>	$\frac{1}{4}$ S21	S28	1934					
$\frac{1}{4}$ S21									
S28									
1934									
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.								
47.00	Hill bears about 8 chs. S.								
66.00	Wash, 40 lks. wide, course SW.								
77.40	Wash, 40 lks. wide, 3 ft. deep, course S.30°W.								
80.12	The cor. of secs. 20,21,28 and 29.								

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

Land, rolling.
Soil, adobe and volcanic loam, 3rd rate.
Undergrowth, palo verde, cactus, ocatillo, greasewood.



N.0°06'W., bet. secs. 20 and 21.

Over rolling land; through desert growth.

Asc. 85 ft. over gentle SE. slope.

33.70 Low spur, slopes E.; desc. 30 ft. over N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S20 | S21
1934

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

40.05 Dim road, bears N.75°E. and W.

40.20 Swale, course W.; asc. 36 ft.

46.50 Spur, slopes W.; desc. 49 ft.

53.10 Wash, 40 lks. wide, course SW.; asc. 97 ft. over general S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

T11NR9W
S17 | S16
S20 | S21
1934

Land, rolling.
Soil, adobe, 3rd rate.
Undergrowth, palo verde, yucca, catclaw, ocatillo, cactus.



N.89°55'E., on random line, bet. secs. 16 and 21.

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

80.04 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence

S.89°58'W., on true line, bet. secs. 16 and 21.

Over rolling land; through desert growth.

Desc. 40 ft. over SW. slope.

6.00 Head of wash, course SE.; asc. 97 ft. over SE. slope.

11.30 Top of hill, on spur, slopes SW.; desc. 175 ft. over NW. and W. slopes.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

21.80 Wash, 50 lks. wide, 3 ft. deep, course S.30°W.; asc. 43 ft.

32.50 Low spur, slopes SW.; desc. 43 ft. over NW. slope.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, with a stone mkd. X deposited beside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S16
 $\frac{1}{4}$ S21
 1934

40.10 Rocky wash, 10 lks. wide, in ravine, 20 ft. deep, course SW.

42.70 Over gently rolling S. slope.

47.20 Draw, 10 lks. wide, 3 ft. deep, course S.

80.04 The cor. of secs. 16, 17, 20 and 21.

Land: rolling.

Soil: gravel adobe, 3rd rate.

Undergrowth: palo verde, mesquite, catclaw, greasewood, cactus, ocatillo, yucca.

N.0°06'W., bet. secs. 16 and 17.

Over gentle SW. slope; through desert growth.

12.30 Wash, 30 lks. wide, 2 ft. deep, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S17 | S16
 1934

44.90 Wash, 10 lks. wide, in channel 20 ft. deep, course S.70°W.

58.10 Enter wash, 50 lks. wide, irregularly SW.

59.60 Leave same.

67.00 Small wash, course SW.

77.20 Wash, 10 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 8, 9, 16 and 17, with brass cap mkd.

T11NR9W
 $\frac{1}{4}$ S8 | $\frac{1}{4}$ S9
 S17 | S16
 1934

Land: rolling.

Soil: rocky adobe and volcanic loam, 3rd rate.

Undergrowth: palo verde, yucca, catclaw, cactus, greasewood, ocatillo.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
	N.89°58'E., on random line, bet, secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line, 16 lks. N. of the cor. of secs. 9,10,15 and 16.
	Thence
	N.89°55'W., on true line, bet. secs. 9 and 16.
	Over rolling and mountainous land; through desert growth.
	Desc. 173 ft. over NW. slope.
9.60	Ravine, course SW.; asc. 143 ft. over SE. slope.
19.10	Rock point, projects SE.; desc. 112 ft. over W. slope.
22.80	Drain, course S.; asc. 92 ft. over SE. slope.
27.10	Spur, slopes SW.; desc. 161 ft. over W. slope.
34.60	Small ravine, course SW.; over S. slope.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{189}{4} = 47.25$
	1934
44.70	Spur, slopes SW.; desc. 138 ft. over broken SW. slope.
60.30	Drain, course SW.
71.60	Drain, course S.
80.12	The cor. of secs. 8,9,16 and 17.
	Land: rolling and mountainous.
	Soil: rocky adobe, 3rd rate.
	Undergrowth: palo verde, cactus, ocatillo, greasewood, catclaw.

	N.0°06'W., bet. secs. 8 and 9.
	Over rolling land; through desert growth.
	Desc. 20 ft. over NW. slope.
4.40	Small wash, course SW. Over general SW. slope.
14.10	Drain, course SW.
21.50	Drain, course SW.
25.20	Drain, course SW.
38.20	Drain, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, with a stone mkd. X deposited beside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

$$\begin{array}{c} \frac{1}{2} \\ \hline \text{S8} | \text{S9} \\ \hline 1934 \end{array}$$

Asc. 132 ft. over S. slope.

57.12 Short spur, slopes W.; desc. 30 ft. over NW. slope.

68.00 Slope changes; asc. 161 ft. over S. slope.

79.20 Cliff, 15 ft. high, faces S.; along W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground, with a stone mkd. X deposited at base, and in a large mound of stone to top, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

T11N R9W

$$\begin{array}{c} \text{S5} | \text{S4} \\ \hline \text{S8} | \text{S9} \\ \hline 1934 \end{array}$$

Land: rolling and broken.

Soil: gravel adobe and volcanic loam, 3rd rate.

Undergrowth: palo verde, cactus, catclaw, ocatillo, greasewood, century plant, etc.

S.89°55'E., on random line, bet. secs. 4 and 9.40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence

N.89°59'W., on true line, bet. secs. 4 and 9.

Over rough mountainous land; through desert growth.

Asc. 60 ft. over SE. slope.

2.20 Spur, slopes NE.; desc. 45 ft. over broken cliffs, face N.

7.85 "Window", 4 ft. by 6 ft. through lava point projecting N., on line. Desc. 395 ft. over rugged W. slope.

22.00 Ravine, course N.; asc. 15 ft. over E. slope.

26.30 Short spur, slopes N.; desc. 124 ft. over W. slope.

33.70 Ravine, course N.30°E.; asc. 42 ft. along N. slope.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \text{S} | \text{4} \\ \hline \text{S} | \text{9} \\ \hline 1934 \end{array}$$

Cor. stands in ravine, course N.70°E.

Asc. 170 ft. over SE. slope.

48.20 Ridge, bears N. and S.; slopes S.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

49.00 Top of lava cliffs, 150 ft. high, face W.; desc. 480 ft. over same and general SW. slope.

75.00 Ravine, course S.20°E.; asc. 80 ft. over E. slope.

79.70 Spur, slopes S.; desc. 8 ft. over W. slope.

79.98 The cor. of secs. 4,5,8 and 9.

Land: mountainous.

Soil: rocky adobe, 3rd and 4th rates.

Undergrowth: palo verde, cactus, catclaw, oak, chapparal, greasewood.

N.0°14'W., on random line, bet. secs. 4 and 5.

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

80.06 Intersect N. bdy. of Tp., 2 lks. E. of the cor. of secs. 4,5,32 and 33, an iron post, 2 ins. diam., projecting 10 ins. above a mound of stone, firmly set, and mkd. on brass cap and witnessed as described in the official record.

Thence

S.0°15'E., on true line, bet. secs. 4 and 5.

Over mountainous land; through desert growth.

Asc. 30 ft. along W. slope.

4.50 A main spur, slopes N.20°E. Along broken E. slope.

26.20 Ravine, course NE.; asc. 145 ft. along E. slope.

31.30 Spur, slopes N.70°E.; desc. 68 ft. over S. slope.

34.00 Ravine, course E. Asc. 25 ft.

36.30 Spur, slopes E.; desc. 47 ft.

38.00 Ravine, course E.; asc. 32 ft.

39.00 A prominent "thumb" butte bears West about 15 chs. dist.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S5 | S4
1934

Asc. 12 ft. over N. slope.

41.00 Spur, slopes NE.; desc. 20 ft.

42.60 Ravine, course N.25°E.; asc. 195 ft. over N. slope.

51.10 Ridge, bears E. and W.; desc. 682 ft. over rugged NW. slope.

80.06 The cor. of secs. 4,5,8 and 9.

Land: mountainous.

Soil: rocky, 4th rate.

Timber: a few scrub cedars in sec. 5.

Undergrowth: ocatillo, oak, chapparal, cactus, catclaw.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

Beginning at the cor. of secs. 5,6,31 and 32, on the S. bdy. of the Tp., an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set, mkd. on brass cap and witnessed as described in the official record,

N.0°07'W., bet. secs. 31 and 32.

Over rolling SW. slope; through desert growth.

10.70 Wash, 40 lks. wide, course W.

11.60 Drain, course W.

26.90 Low spur, slopes SW.

36.00 Small wash, course S.70°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, supported in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S31 | S32
 1934

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

43.10 Swale, drains SW.

54.70 Wash, 15 lks. wide, 2 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 29,30,31 and 32, with brass cap mkd.

T11NR9W
 S30 | S29
 S31 | S32
 1934

Land: rolling desert.

Soil: gravel adobe, 3rd rate.

Undergrowth: yucca, cactus, greasewood, catclaw, etc.

N.89°59'E., on random line, bet. secs. 29 and 32.

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

80.10 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 28,29,32 and 33.

Thence

S.89°55'W., on true line, bet. secs. 29 and 32.

Over rolling SW. slope; through desert growth.

11.00 Small wash, course SW.

37.30 Small wash, course SW.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

$\frac{1}{4}$ S29
 $\frac{1}{4}$ S32
 1934

62.70 Enter wash, about 1 ch. wide, course S. for .7 chs.

64.00 Leave same.

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

Land: rolling desert.
 Soil: adobe and gravel, 2nd and 3rd rates.
 Undergrowth: yucca (large joshua), palo verde, catclaw,
 cactus, ocatillo, etc.

 S.89°59'W., on random line, bet. secs. 30 and 31.

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

79.90 Intersect W. bdy. of Tp., 26 lks. S. of the cor. of secs.
 25,30,31 and 36, an iron post, 3 ins. diam., projecting
 14 ins. above ground, firmly set, and mkd. on brass cap
 and witnessed as described in the official record.

Thence

S.89°50'E., on true line, bet. secs. 30 and 31.

Over flat; through desert growth.

39.90 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground and in a small mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap mkd.

$\frac{1}{4}$ S30
 $\frac{1}{4}$ S31
 1934

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

60.00 Low spur, slopes SW.; over rolling desert.

69.10 Small wash, course SW.

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

Land: flat and rolling.
 Soil: adobe loam, 2nd rate.
 Undergrowth: yucca, palo verde, mesquite, catclaw, cactus.

 N.0°07'W., bet. secs. 29 and 30.

Over rolling desert, drains W.; through desert growth.

29.00 Across channels of large wash, course SW.

34.80 Leave same.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S30 | S29
 1934

raise a mound of

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

stone, 3 ft. base, 2 ft. high, W. of cor.

Asc. 52 ft. over SE. slope.

53.10 Low spur, slopes SW. Desc. 20 ft.

57.10 Small wash, course W. Asc. 25 ft.

61.30 Low spur, slopes SW. Desc. 25 ft.

68.70 Small wash, course SW. Asc. 20 ft.

71.50 Low spur, slopes W. Desc. 25 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 19,20,29 and 30, with brass cap mkd.

T11NR9W

S19 | S20

S30 | S29

1934

raise a mound of
stone, 4 ft. base, 2½ ft. high, SW. of cor.

Land: rolling desert.

Soil: adobe and rocky loam, 3rd rate.

Undergrowth: yucca, palo verde, cactus, catclaw, etc.

N.89°55'E., on random line, bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.

80.12 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 20,21,28 and 29.

Thence

S.89°58'W., on true line, bet. secs. 20 and 29.

Over rolling S. slope; through desert growth.

10.00 Drain, course S.

15.70 Drain, course S.

27.60 Drain, course S.

31.50 Low flat spur, slopes SW.; over general NW. slope.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

½ S20
¼ S29

1934

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

76.70 Enter channel of main wash, course SW.

79.60 Leave same, course NW.

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

Land: rolling desert.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
	Soil: gravel and adobe, 2nd and 3rd rates. Undergrowth: palo verde, yucca, catclaw, mesquite, cactus, greasewood, etc.

	N.89°50'W., on random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs. 19, 24, 25 and 30, an iron post, 3 ins. diam., projecting 10 ins. above a small mound of stone, firmly set, and mkd. on brass cap and witnessed as described in the official record.
	Thence
	S.89°52'E., on true line, bet. secs. 19 and 30.
	Over rolling SW. slope; through desert growth.
20.50	Drain, course SW.
25.10	Drain, course SW.
39.78	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S19 $\frac{1}{4}$ S30 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
51.40	Drain, course SW.
60.80	Drain, course °SW.
77.20	Wash, 80 lks. wide, course SW.
79.78	The cor. of secs. 19, 20, 29 and 30.
	Land: rolling desert. Soil: gravel and adobe, 3rd rate. Undergrowth: palo verde, yucca, greasewood, cactus, etc.

	N.0°07'W., bet. secs. 19 and 20.
	Over rolling W. slope; through desert growth.
0.60	Wash, 70 lks. wide, course W., soon SW.; asc. 74 ft.
16.00	Low spur, slopes W.; desc. 33 ft.
24.90	Wash, 20 lks. wide, 1 ft. deep, course SW.; asc. 50 ft.
30.00	Over flat, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S19 S20 1934

SUBDIVISIONS OF T.11 N., R.9 W.

Chains	
43.60	Dim road, bears E. and W.
45.00	Leave flat, bears E. and W.
45.90	Wash, 70 lks. wide, course N.70°W.
61.90	Wash, 15 lks. wide, course SW.; asc. 40 ft. over gentle SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 17,18,19 and 20, with brass cap mkd.
	T11NR9W S18 S17 S19 S20 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land: rolling. Soil: adobe loam, 2nd rate. Undergrowth: palo verde, yucca, cactus, catclaw, etc.

	N.89°58'E., on random line, bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line, 2 lks. N. of the cor. of secs. 16,17,20 and 21.
	Thence
	S.89°59'W., on true line, bet. secs. 17 and 20.
	Over rolling SW. slope; through desert growth.
9.50	Drain, course SW.
32.10	Wash, 30 lks. wide, course SW.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S17 $\frac{1}{4}$ S20 1934
65.80	Wash, 15 lks. wide, course SW.
80.16	The cor. of secs. 17,18,19 and 20.
	Land: rolling. Soil: adobe loam, 2nd and 3rd rates. Undergrowth: palo verde, yucca, cactus, ocatillo, greasewood, etc.

	N.89°52'W., on random line, bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.46	Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs. 13,18,19 and 24, an iron post, 3 ins. diam., projecting

Subdivisions of T.11 N., R.9 W.

Chains

6 ins. above ground, firmly set, and mkd. on brass cap and witnessed as described in the official record.

Thence

S.89°50'E., on true line, bet. secs. 18 and 19.

Over gently rolling land; through desert growth.

20.00 (Approx.) Divide bet. Santa Maria and Date Cr. drainage bears NE. and SW.

27.50 Small drain, course SW.

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

$\frac{1}{4}$ S18

$\frac{1}{4}$ S19

1934

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

47.90 Wash, 3 small channels, course SW.

75.00 Small ravine, course S.60°W.

79.46 The cor. of secs. 17,18,19 and 20.

Land: rolling.

Soil: adobe loam, 2nd rate.

Undergrowth: palo verde, yucca, catclaw, cactus, greasewood, ocatillo, etc.

N.0°07'W., bet. secs. 17 and 18.

Over flat; through desert growth.

10.00 Leave flat, bears E. and W.; desc. 50 ft. over NW. slope.

16.20 Small wash, course S.65°W.; asc. 55 ft. over S. slope.

21.80 Low spur, slopes W.; desc. 40 ft. over N. slope.

27.20 Wash, 15 lks. wide, course S.70°W.; Asc. 20 ft.

29.20 Low spur, slopes SW.; desc. 66 ft. over NW. slope.

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

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

1934

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

Desc. 15 ft. over NW. slope.

45.00 Wash, 30 lks. wide, 1 ft. deep, course SW.; asc. 66 ft. over NE. slope.

53.60 Spur, slopes SW.; desc. 42 ft. over NW. slope.

60.60 Drain, course SW.; along E. slope.

72.00 Drain, course SE.; asc. 36 ft. over SW. slope.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T11NR9W

S7	S8
S18	S17
1934	

Land: rolling.
Soil: adobe loam, 2nd and 3rd rates.
Undergrowth: palo verde, yucca, catclaw, cactus, greasewood, ocatillo, bayonet.

N.89°59'E., on random line, bet. secs. 8 and 17.

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

80.22 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence

N.89°55'W., on true line, bet. secs. 8 and 17.

Over rolling land; through desert growth.

Desc. 340 ft. over W. slope.

10.50 Shallow wash, 30 lks. wide, course S.; asc. 137 ft. over NE. slope.

20.60 Spur, slopes S.; desc. 113 ft. over W. slope.

29.30 Drain, course S.20°W.; asc. 40 ft. over SE. slope.

33.60 Low spur, slopes SSW.; desc. 52 ft. over W. slope.

40.11 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S8	
$\frac{1}{4}$ S17	
1934	

Desc. 20 ft. along S. slope.

44.80 Spur, slopes SW.; desc. 80 ft. over gradual NW. slope.

56.00 Wash, course SW.; asc. 35 ft.

69.40 Low spur, slopes S.; desc. slightly.

73.00 Rocky wash, irregularly S.; asc. 80 ft. over general E. slope.

77.70 Small ravine, course S.

80.22 The cor. of secs. 7, 8, 17 and 18.

Land: rolling.
Soil: adobe loam, 3rd rate.
Undergrowth: palo verde, yucca, ocatillo, cactus, greasewood, etc.

Chains

N.89°50'W., on random line, bet. secs. 7 and 18.

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

79.16 Intersect W. bdy. of Tp., at a point 7 lks. N. of the cor. of secs. 7,12,13 and 18, which is an iron post, 3 ins. diam., projecting 10 ins. above ground, firmly set and mkd. on brass cap as described in the official record. Cor. stands in a rocky wash; no witness remaining and none now practicable.

Thence

S.89°53'E., on true line, bet. secs. 7 and 18.

Over mountainous land; through desert growth.

Asc. 433 ft. over general W. slope.

14.50 Spur, slopes S.; desc. 97 ft. over SE. slope.

20.80 Ravine, course S. Over rough broken S. slope.

30.80 Ravine, course S.

39.16 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

1S71S18

1934

39.70 Ravine, course S.

44.70 Spur, slopes S.

46.60 Ravine, course S.

56.20 Small ravine, course S.

64.20 Head of ravine, course S.; desc. 114 ft. over general S. slope.

77.40 Drain, course S.; asc. 20 ft. along S. slope.

79.16 The cor. of secs. 7,8,17 and 18.

Land: broken and mountainous.
Soil: adobe loam, 3rd rate.
Undergrowth: palo verde, cactus, mesquite, catclaw,
ocatalillo, greasewood, yucca, etc.

N.0°07'W., bet. secs. 7 and 8.

Over rolling land; through desert growth.

Asc. 28 ft. over S. slope.

4.00 Short spur, slopes E.; along broken E. slope.

8.20 Drain, course SE.

12.20 Drain, course SE.

18.20 Drain, course SE.

Chains	
29.20	Drain, course SE.
33.60	Drain, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S7 S8 1934
46.00	Channel of wash, 20 lks. wide, course S.20°E.
52.80	Other channel of same, course S.10°E.; asc. 45 ft. over SW. slope.
56.60	Drain, course W. Over general W. slope.
62.00	Wash, 20 lks. wide, 2 ft. deep, course SW.
68.60	Drain, course SW.; asc. 80 ft. over S. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.
	T11NR9W <u>S6 S5</u> S7 S8 1934
	Land: rolling. Soil: adobe loam 3rd rate. Undergrowth: catclaw, cactus, ocatillo, palo verde, greasewood.

	S.89°55'E., on random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line 19 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence
	S.89°57'W., on true line, bet. secs. 5 and 8.
	Over rolling land; through desert growth.
	Desc. 86 ft. over SW. slope.
9.80	Ravine, course S.
11.60	Gully, 10 ft. deep, course S. Along broken S. slope.
30.90	Drain, course S.
34.40	Drain, course S.30°W.
39.40	Drain, course SE.; asc. 15 ft.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

SUBDIVISIONS OF T.11 N., R.9 W.

Chains

$$\begin{array}{r} \frac{1}{4}S \ 5 \\ \frac{1}{4}S \ 8 \\ 1934 \end{array}$$

- Asc. 40 ft. over E. slope.
- 46.00 Top of hill bears 5 chs. S.; desc. 65 ft. over W. slope.
- 50.40 Drain, course NW.; asc. 55 ft. over NE. slope.
- 55.00 Slope changes; desc. 45 ft. over NW. slope.
- 58.80 Ravine, course S.; desc. 35 ft.
- 64.80 Ravine, course S.; asc. 85 ft. over SE. slope.
- 70.60 Short rugged spur, slopes S.; desc. 90 ft. over SW. slope.
- 77.80 Drain, course S.; along S. slope.
- 80.16 The cor. of secs. 5, 6, 7 and 8.

Land: rolling and broken.

Soil: adobe loam, 3rd rate.

Undergrowth: palo verde, ocatillo, greasewood, catclaw, cactus.

N.89°53'W., on random line, bet. secs. 6 and 7.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.08 Intersect the W. bdy. of the Tp., at a point 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., projecting 14 ins. above ground, firmly set, and mkd. on brass cap and witnessed as described in the official record.

Thence

S.89°50'E., on true line, bet. secs. 6 and 7.

Over rolling-mountainous land; through desert growth.

Asc. 180 ft. over NW. slope.

- 13.20 Short spur, slopes S.; desc. slightly.
- 14.20 Rugged ravine, course S., soon W.; asc. 103 ft. over NW. slope.
- 30.30 Short spur, slopes N.; desc. 40 ft. over SE. slope.
- 39.08 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4}S \ 6 \\ \frac{1}{4}S \ 7 \\ 1934 \end{array}$$

Over S. slope.

- 44.40 Spur, slopes S.
- 48.10 Drain, course S.; asc. 95 ft. over SW. slope.

Chains

54.90 Spur, slopes S.; desc. 50 ft. over E. slope

57.10 Head of wash, course S.; asc. 20 ft.

59.90 Spur, slopes S.; desc. 35 ft.

64.10 Ravine, course S.; asc. 50 ft.

67.30 Spur, slopes S.; desc. 45 ft.

70.40 Ravine, course S.; asc. 63 ft. over W. slope.

75.30 Short spur, slopes S.; along S. slope.

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

Land: rolling-mountainous.

Soil: adobe loam, 3rd rate.

Undergrowth: palo verde, catclaw, ocatillo, greasewood,
cactus, mesquite, yucca.

N.0°15'W., on random line, bet. secs. 5 and 6.

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

80.03 Intersect N. bdy. of Tp., at a point $1\frac{1}{4}$ lks. W. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, 2 ins. diam., projecting 8 ins. above a small mound of stone, and mkd. and witnessed as described in the official record.

Thence

S.0°09'E., on true line, bet. secs. 5 and 6.

Over rough mountainous land; through desert growth.

Desc. 200 ft. over SW. slope.

8.00 Ravine, course NW.; asc. 60 $\frac{1}{4}$ ft. over N. slope.

35.00 Ridge, bears NE. and SW.; a pass bears 6 chs. NE.; desc. 240 ft. over lava cliffs, face SE.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground, with a stone mkd. X deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S6 | S5
1934

Desc. 680 ft. over rugged broken S. slope.

61.00 Drain, course SW.

69.50 Wash, 25 lks. wide, course S.60°W.; asc. 85 ft. over N. slope.

73.80 Spur, slopes W.; desc. 90 ft. over SW. and S. slopes.

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

Land: rough mountainous.

Soil: adobe, 3rd and 4th rates.

Undergrowth: palo verde, ocatillo, greasewood, oak,
chapparal, catclaw, cactus, etc.

T.11 N., R.9 W.

FINAL TEST OF SOLAR ATTACHMENT

Feb. 13, 1934, on meridian described on page 1, at 8:00 a.m., app.t., set off $34^{\circ}17'$ on the latitude arcs and $13^{\circ}28\frac{1}{2}'S$ on the declination arcs and orient the transits with the solar attachments; the resulting lines are within 1' of the true meridian.

At 4 p.m., app.t., with $34^{\circ}17'$ on the lat. arcs, set off $13^{\circ}21'$ on the decl. arcs, and orient the instruments with the solar attachments; the resulting lines are within 1' of the true meridian.

GENERAL DESCRIPTION

Township 11 north, range 9 west, lies about 35 miles NW. of the town of Congress Junction, Ariz., from which an unused road runs westerly through the Tp. A better road from the same town runs through secs. 1 and 2. The Tp. can also be reached in about the same distance from the town of Hillside.

The tp. includes most of an isolated volcanic mountain lying between Date Creek and the Santa Maria River, though the top of the range is for only a short distance the divide between drainages. No formation of other than a late volcanic one was observed. The soil is nearly everywhere shallow and rocky. There are many cliffs at the higher altitudes, apparently with a softer formation at about 500 ft. lower than the highest elevation in the Tp., as evidenced by several caves and "windows". Six of the windows were seen, a notable one in sec. 27 being about 200 ft. below the top of its hill. The line bet. secs. 4 and 9 runs through a smaller one.

There is no timber in the Tp. except a few scrub cedars in sec. 5 and some of the water varieties in secs. 13 and 24. Undergrowth is mostly greasewood, yucca (joshua) and cactus on the lower elevations; it is relatively sparse on the higher elevations, the varieties: catclaw, oak and chapparal. There is a smaller amount of ocatillo, mesquite, century plant, pala christa, etc.

There is a temporary set of improvements and a small area of irrigated land in sec. 12; the name of the occupant was not ascertained. An excellent well and small cabin and corral, located near the center of sec. 22 are used by a sheep-grazer named Aso. A spring supposed to be near the N. bdy. of sec. 3 was not located.

The township apparently has no possibility of exploitation beyond its present use for grazing and for that the land is so arid that only the better parts can support as much as 8 head of cattle per acre. A few wild burros and deer were seen.

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4011

4-680
(Revised May 1934)

FIELD ASSISTANTS

NAMES	CAPACITY
Raymond S. Davis	First Chainman
Claude A. Mulkey	Second Chainman
Walter Harbold	Flagman
Robert R. Riesgo	Moundman
David C. Bryant	Axman
Stanley S. Palmer	First Chainman
Clifton A. Lewis	Second Chainman
Orland Parks	Moundman
Glen Greenbaw	Flagman
Shamus O'Brien	Axman

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CERTIFICATE OF UNITED STATES SURVEYER

We, Theodore Vander Meer and Benjamin J. Mollette, U.S. Transitmen, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 31st. day of August, 1933, received from the district cadastral engineer for Arizona, with assignment instructions dated Dec. 21, 1933, we have ~~surveyed~~ established corners on the East boundary and surveyed the subdivisional lines of Township 11 North, Range 9 West, of the Gila and Salt River

~~Meridian~~ Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our direction; and that said establishment of corners and 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.

Benjamin J. Mollette
U.S. Transitman
Phoenix, Ariz.
Oct. 17, 1934

Theodore Vander Meer
U.S. Transitman
Phoenix, Ariz.
Oct. 17, 1934

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,
Denver, Colorado, December 3, 1934.

The foregoing field notes of the ~~survey~~ establishment of corners on the East boundary and the survey of the subdivisional lines of Township 11 North, Range 9 West of the Gila and Salt River Meridian, in the State of Arizona, executed by Theodore Vander Meer and Benjamin J. Mollette, U.S. Transitmen, under special instructions dated August 31, 1933, and assignment instructions dated December 21, 1933, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey and establishment of corners therein described, are hereby approved.

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

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above described surveys in _____, is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.