

BOOK 3899

FIELD NOTES

OF THE SURVEY OF THE

East Boundary,

East half of the South Boundary

East half of the North Boundary

and
Subdivision Lines of

East half of

TOWNSHIP 16 NORTH, RANGE 11 WEST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William E. Hiester, U.S. Surveyor

and

Charles E. Hunter, U.S. Transitman

In the capacity of U. S. Surveyors, under Special Instructions dated June 24, 1929, issued by the District Cadastral Engineer to govern surveys included in Group No. 159, Arizona, which were approved by the Commissioner of the General Land Office, July 10, 1929, and Assignment Instructions dated Jan. 2, 1930.

Survey commenced January 19, 1930.

Survey completed February 1, 1930.

3899

3899

1A

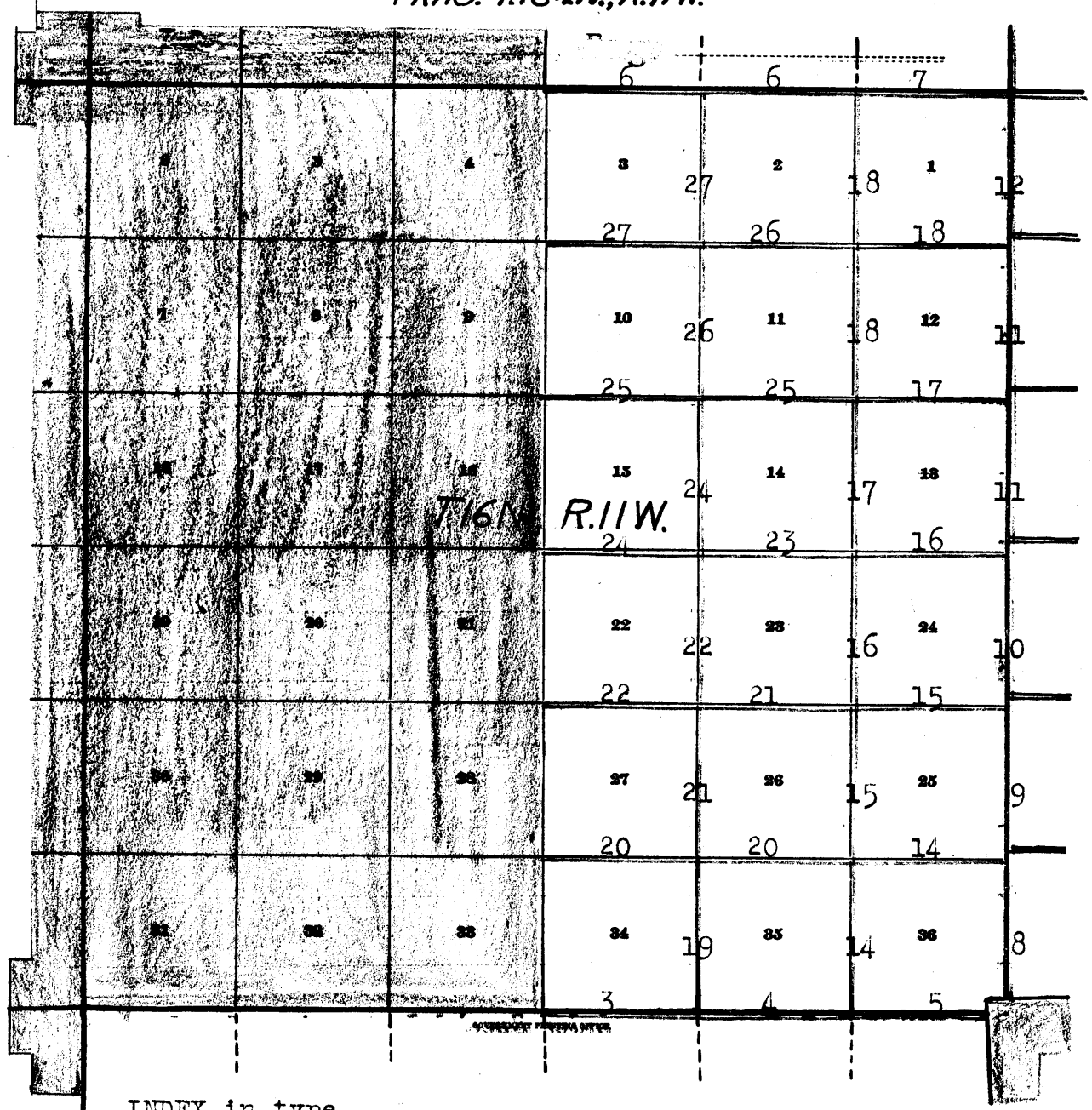
Book "A"

Group 159 - Arizona

BOOK 3899

INDEX DIAGRAM.

FRAC. T.16 1/2 N., R.11 W.

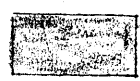


INDEX in type.

— Lines surveyed under this Group.

— Accepted surveys.

- - - Unsurveyed.



Areas surveyed as per accepted plats on file.

Book "A"
 Group 159--Arizona
 Township 16 North, Range 11 West
 DATE DIAGRAM
 1930

				1-29	1-29	1-29
6	5	4	3	1-30	1-31	1-28
				1-30	1-31	2-1
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				1-19	1-20	1-20

— Surveyed by William E. Hiester, U.S. Surveyor
 on dates shown thereon in 1930.

— Surveyed by Charles E. Hunter, U.S. Transitman,
 on dates shown thereon in 1930.

..... Accepted surveys.

..... Surveyed under this Group- notes in other book.

The surveys herein described were executed on dates shown on diagram on page 1 hereof, by William E. Hiester, U.S. Surveyor, and Charles E. Hunter, U.S. Transitman, using respectively, Buff Transit No. 19423 and Young & Sons Transits Nos. 8491 and 8584; the instruments are equipped with the improved Smith solar attachment. The horizontal limbs are provided with two double verniers, placed opposite each other, reading to single minutes of arc, which is also the least count of the verniers of the vertical circles, latitude, and declination arcs.

The instruments were approved, subject to the usual field tests, by the District Cadastral Engineer for Arizona.

 PRELIMINARY TESTS OF INSTRUMENTS

Examine the adjustments of the instruments and find no errors; then, to test the solar apparatus by comparing their indications resulting from solar observations taken during a.m. and p.m. hours, with a meridian determined by observations on Polaris, proceed as follows:

January 18, 1930; with Buff Transit No. 19423 near the center of sec. 11 of T. 15 N., R. 10 W., G&SR Base Meridian, Arizona, in latitude $34^{\circ}39'12''$ N., longitude $113^{\circ}16\frac{1}{2}'$ W., at $11^{\text{h}}42^{\text{m}}$ p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack driven in a peg firmly set in the ground 5 chs. north.

Azimuth of Polaris at western elongation is $1^{\circ}17'44''$

January 19, 1930:

At the same station at 7h 30m a.m., app.t., lay off the azimuth of Polaris $1^{\circ}17\frac{1}{2}'$ to the east, and mark the meridian thus determined by a tack driven in a peg firmly in the ground 5 chs north.

At 8h 00m a.m., app.t., set off $34^{\circ}39'$ N., on the lat. arc, $20^{\circ}20\frac{1}{2}'$ S., on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At app.t., noon with the lat. arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is $20^{\circ}20\frac{1}{2}'$ S., which agrees with the computed declination of the sun.

At 4h 00m., p.m., app.t., with the lat. arc unchanged, set off $20^{\circ}16\frac{1}{2}'$ S., on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instruments are in satisfactory adjustment.

All measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Lufkin Standard and found correct.

The measurements are made on the slope, the vertical angle determined and the slope measurements properly reduced to horizontal distances for entry in the field notes.

At intervals throughout the survey the solar instruments were tested on a true meridian, and were maintained in proper adjustment.

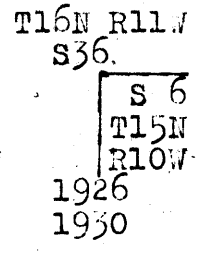
Chains

The West half of the South Bdy. of T.16 N., R.11 W. was surveyed in 1916 by Otis Ross, U.S.S. No retracement or resurvey of same is of record. The following notes describe a survey of the East half of said Tp. Bdy.

From the cor. of secs. 3, 4, 33 and 34, Ts. 15 and 16 N., R.11 W., East on random line, bet. secs. 3 and 34.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Set temp. cor. of secs. 2, 3, 34 and 35.

Thence East, on random line, bet. secs. 2 and 35.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Set temp. cor. of secs. 1, 2, 35 and 36.

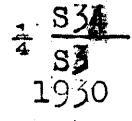
Thence East, on random line, bet. secs. 1 and 36.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
75.08 Fall 136 lks. S. of the cor. of Ts. 15 and 16 N., Rs. 10 and 11 W., which is an iron post, 3 ins. diam., projecting 28 ins. above ground, firmly set in a mound of stone and properly marked on brass cap. No bearing trees. This cor. monument was established in 1926 by Charles E. Hunter, U.S.T. Alter this cor. monument to refer to T.15 N., R.10 W., only by re-marking brass cap to read as follows:



Return to the cor. of secs. 3, 4, 33 and 34, which is an iron post, 3 ins. diam., projecting 10 ins. above ground, firmly set and properly marked on brass cap, dated 1916, witnessed by a mound of stone W. of cor. No bearing trees.

Thence East, on true line, bet. secs. 3 and 34. Over mountainous land; through dense undergrowth. Desc. 20 ft. over gradual NE. slope.
2.00 Draw, course N.; asc. 38 ft. over W. slope.
4.00 Small spur, slopes N. Desc. 40 ft. over NE. slope.
7.10 Draw, course N. Asc. 20 ft. over NW. slope.
8.30 Small spur, slopes N. Desc. 20 ft. over gradual NE. slope.
16.70 Wash, 10 lks. wide, course N. 15° W. Thence along N. slope.
21.10 Wash, 10 lks. wide, course N. 20° W. Asc. 147 ft. over gradual W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock; deposit a stone marked with cross (X) at base of post, supported by a mound of stone, 4 1/2 ft. base, 30 ins. high, for $\frac{1}{4}$ sec. cor. of secs. 3 and 34, with brass cap marked



No bearing trees available.

Survey of East Half of South Bdy. of T.16 N., R.11 W.

Chains	
	Asc., 32 ft. over W. slope.
43.20	Spur, slopes NW. Desc. 79 ft. over NE. slope.
49.60	Wash, 25 lks. wide, course NW. Along N. slope.
54.30	Wash, 15 lks. wide, course N. 80° W. Along S. slope.
56.60	Same wash, course SW. Asc. 70 ft. over SW. slope.
62.30	Small spur, slopes S. Desc. 28 ft. over SE. slope.
65.70	Wash, 10 lks. wide, course SW. Along N. slope.
73.80	Ravine, course N. 75° W. Asc. 91 ft. over W. slope. Through scattering undergrowth.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, deposit a stone marked with cross (X) at base of post, supported by a mound of stone, 3½ ft. base, 20 ins. high, for cor. of secs. 2, 3, 34 and 35, with brass cap marked
	T16NR11W S34 S35 S 3 S 2 T15N 1930 No bearing trees available. Land; mountainous. Soil; rocky, 4th rate. Timber; none. Undergrowth; oakbrush, catclaw and manzanita.

	East, on true line, bet. secs. 2 and 35. Over mountainous land; through scattering undergrowth. Asc. 504 ft. over W. slope.
24.20	Rocky spur, slopes S. 15° E. Desc. 79 ft. over E. slope.
30.40	Ravine, course SE. Asc. 20 ft. over SW. slope.
39.80	Small spur, slopes S. Desc. 41 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock; deposit a stone, marked with cross (X) at base of post; raise a mound of stone 4 ft. base, 2½ ft. high, around post, for ¼ sec. cor. of secs. 2 and 35, with brass cap marked
	S35 S2 1930 No bearing trees available. Along S. slope.
42.50	Head of gulch, course S. Asc. 47 ft. over SW. slope.
53.40	Spur, slopes S. Along S. slope.
61.00	Top of ridge, bears NW. and SE. Desc. 200 ft. over NE. slope.
77.00	Small draw, course NW. Asc. 15 ft. over gentle W. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, supported by a mound of stone, for cor. of secs. 1, 2, 35 and 36, with brass cap marked
	T16NR11W S35 S36 S 2 S 1 T15N 1930 No bearing trees available. Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor. Land: mountainous. Soil: rocky, 3rd rate. Timber: none. Undergrowth: oak brush, mahogany, whitethorn, manzanita and sage.

Survey of East Half of South Boundary of T.16 N., R.11 W.

- Chains East, on true line, bet. secs. 1 and 36.
Over mountainous land; through scattering undergrowth.
Asc. 23 ft. over W. slope.
- 5.90 Low spur, slopes NW. Desc. 34 ft. over NE. slope.
 - 11.50 Head of draw, course W. Over rolling land.
 - 31.60 Low divide, bears NE. and SW. Desc. 33 ft. over SE. slope.
 - 36.60 Small draw, course SW. Asc. 35 ft. over NW. slope.

40.00 Set an iron post, 5 ft. long, 1 in. diam., 10 ins. in the ground to bedrock supported in a mound of stone, with stone marked with cross (X) deposited at base of post, for $\frac{1}{4}$ sec. cor. of secs. 1 and 36, with brass cap marked

S 36
—
S 1
1930

No bearing trees available.

- 41.70 Spur, slopes SW. Desc. 63 ft. over SE. slope.
- 54.00 Head of draw, course SE. Asc. 57 ft. over gradual W. slope.
- 67.00 Broad flat spur, slopes SE. Along S. slope.
- 73.50 Rocky spur, slopes SE. Desc. 15 ft. over SE. slope.

75.08 Set an iron post, 5 ft. long, 3 ins. diam., 6 ins. in the ground to bedrock, supported by a mound of stone, with stone marked with cross (X) deposited at base of post, for cor. of Ts. 15 and 16 N., R.11 W., with brass cap marked

T16N
R11W | T15N
— S 36 — S 6
S 1 | R10W
T15N
1930

No bearing trees available.
The NW. cor. of T.15 N., R.10 W., hereinbefore described, bears North, 136 lks. dist.

Land: mountainous.
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: oak brush, manzanita, mahogany, yucca and cactus.

Survey of the East Half of the North Bdy. of T.16 N., R.11 W.

Chains

- The cor. of secs. 3, 4, 35 and 34 of Ts. 16 and 16 $\frac{1}{2}$ N., R.11 W. is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set and properly marked on brass cap and witnessed only by a mound of stone W. of cor. Thence
East, on true line, bet. secs. 3 and 34.
Over mountainous land; through dense undergrowth.
Desc. 265 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 9 ins. in the ground to bedrock, supported by a mound of stone, with stone marked with cross (X) deposited beside, for $\frac{1}{4}$ sec. cor. of secs. 3 and 34, with brass cap marked
- $$\begin{array}{r} \frac{1}{4} S 34 \\ \frac{1}{4} S 3 \\ 1930 \end{array}$$
- from which
- A cedar, 10 ins. diam., bears S. 37° 45' E., 291 lks.
dist., marked $\frac{1}{4}$ S 3 BT.
No other trees suitable for bearing trees.
Desc. 152 ft. over NE. slope.
- 60.84 Ravine, course SE. Asc. 30 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked
- $$\begin{array}{r} T16\frac{1}{2}N R11W \\ S34 | S35 \\ S 3 | S 2 \\ T16N \\ 1930 \end{array}$$
- No bearing trees available. Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
Land: mountainous. Soil: clay and sand, 3rd rate. Timber: scattering cedar. Undergrowth: scrub oak, catclaw, cactus, mahogany.
-
- East, on true line, bet. secs. 2 and 35.
Over rolling land; through scattering undergrowth.
Desc. 115 ft. over gradual E. slope.
- 12.99 Old wire fence, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, supported by a mound of stone, with stone marked with cross (X) deposited at base, for $\frac{1}{4}$ sec. cor. of secs. 2 and 35, with brass cap marked
- $$\begin{array}{r} \frac{1}{4} S 35 \\ \frac{1}{4} S 2 \\ 1930 \end{array}$$
- No bearing trees available.
Desc. 222 ft. over gradual E. slope.
- 73.16 Ravine, 2 lks. wide, course N., running water at this time. Asc. 62 ft. over W. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock supported by a mound of stone, with stone marked with cross (X) deposited at base of post, for cor. of secs. 1, 2, 35 and 36, with brass cap marked
- $$\begin{array}{r} T16\frac{1}{2}N R11W \\ S35 | S36 \\ S 2 | S 1 \\ T16N \\ 1930 \end{array}$$

Chains

No bearing trees available.
Land, rolling.
Soil, adobe; 3rd rate.
Timber, none.
Undergrowth, scattering scruboak, catclaw and cactus.

East, on a true line, bet. secs. 1 and 36.
Over rolling mesa land, through scattering undergrowth.
Asc. 10 1/4 ft. over gradual W. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of secs. 1 and 36, with brass cap marked

S36

S 1

1930

No bearing trees available.
Desc. 45 ft. over gradual E. slope.

50.00

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 22 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for cor. of Ts. 16 and 16 1/2 N., Rs. 10 and 11 W., with brass cap marked

T16 1/2 N

R11W R10W

S36 | S31

S 1 | S 6

T16N

1930

No bearing trees available.
Land, rolling mesa.
Soil, adobe; 3rd rate.
Timber, none.
Undergrowth, scattering catclaw, yucca, oakbrush and cactus.

Chains	From the cor. of Ts. 16 and 16 $\frac{1}{2}$ N., Rs. 10 and 11 W., herein- before described.
478.97	South on a random line, on E. bdy. of T. 16 N., R. 11 W., setting temp. cors. at 40-ch. intervals, and at Fall 30 lks. E. of the true point for cor. of Ts. 16 N., Rs. 10 and 11 W., said true point being 4.92 chs. dist., S 89° 59' E. of the NW. cor. of T. 15 N., R. 10 W., and 80.00 chs. in departure E. of the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of T. 16 N., R. 11 W. At true point set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for cor. of secs. 31 and 36 of Ts. 16 N., Rs. 10 and 11 W., with brass cap marked T16N R11W R10W S36 S31 S6 T15NR10W 1930 No bearing trees available. Thence N. 0° 2' E., on a true line, on E. bdy. of sec. 36. Over mountainous land, through scattering undergrowth. Asc. 247 ft. over SE. slope. 12.70 Rocky spur, slopes E.; desc. 207 ft. over NE. slope. 23.00 Ravine, course SE.; asc. 383 ft. over steep S. slope. 36.00 Top of ridge, bears E. and W., desc. 80 ft. over steep brushy N. slope. 38.64 At this point which is 40.00 chs. in latitude N. from the cor. of Ts. 15 and 16 N., R. 11 W., set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supp- orted in a mound of stone for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap marked $\frac{1}{4}$ S36 1930 No bearing trees available. Desc. 35 ft. over steep N. slope. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap marked S 31 $\frac{1}{4}$ 1930 No bearing trees available. Desc. 647 ft. over steep N. slope. 77.50 Wash, 10 lks. wide, course NE. 78.50 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. to cor. of secs. 25 and 36 only, with brass cap marked WC T16N T16N R11W S31 S25 R10W S36 1930 No bearing trees available. Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor. 78.64 At this point which is 80.00 chs. in latitude N. from the cor. of Ts. 16 N., Rs. 10 and 11 W., the true point for

Survey of the East Edy. of T.16 N., R.11 W.

Chains	<p>cor. of secs. 25 and 36, falls on steep N. slope of solid rock a place unsuitable for permanent cor. mon. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, mahogany, oakbrush, cactus, sage and laurel.</p>	
	<p>----- From true point for cor. of secs. 25 and 36, only, N.0°2'E., on a true line, on E. bdy. of sec. 25 Over mountainous land, through dense undergrowth.</p>	
1.36	<p>The true point for cor. of secs. 30 and 31 only, on W. bdy. of T.16 N., R.10 W., falls on steep N. slope of solid rock a place unsuitable to set permanent cor. mon.</p>	
1.66	<p>Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for cor. of secs. 30 and 31 only, of T.16 N., R.10 W., with brass cap marked</p>	witness cor. to
	<p style="text-align: center;"> T16N T16N R10W S25 S30 R11W S31 WC 1930 </p>	
8.10	<p>No bearing trees available. Desc. 52 ft. over steep N. slope. Wash, 25 lks. wide, course N.80°E.; asc. 585 ft. over S. slope through scattering undergrowth.</p>	
38.30	<p>Spur, slopes SE.</p>	
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of sec. 25 only, with brass cap marked</p>	
	<p style="text-align: center;"> 1/4 S25 1930 </p>	
41.36	<p>No bearing trees available. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for 1/4 sec. cor. of sec. 30 only, with brass cap marked</p>	
	<p style="text-align: center;"> 1/4 S30 1930 </p>	
48.36	<p>No bearing trees available. Desc. 116 ft. along E. slope.</p>	
65.66	<p>Spur, slopes NE.; desc. 219 ft. over broken NW. slope.</p>	
68.46	<p>Gulch, course NE.; asc. 25 ft. over SE. slope.</p>	
69.50	<p>Spur, slopes NE.; desc. 25 ft. over N. slope.</p>	
72.86	<p>Gulch, course E.; asc. 80 ft. over SE. slope.</p>	
80.00	<p>Spur, slopes NE.; desc. 77 ft. over NE. slope. Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for cor. of secs. 24 and 25 only, with brass cap marked</p>	
	<p style="text-align: center;"> T16N R11W T16N S24 S30 S25 R10W 1930 </p>	
	<p>No bearing trees available.</p>	

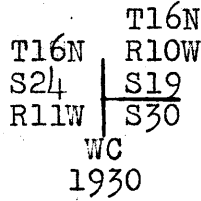
Chains

Land, mountainous.
Soil, rocky; 4th rate.
Timber, none.
Undergrowth, mahogany, oakbrush, thorn, sage, yucca and cactus.

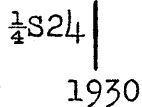
N.0°2'E., on a true line, on E.bdy. of sec.24
Over mountainous land, through scattering undergrowth.
Desc.35 ft. over N.slope.

1.36 The true point for cor. of secs. 19 and 30, on the W. bdy. of T.16 N., R.10 W., falls in Salt Creek, 30 lks. wide, course SE. a place unsuitable for permanent cor. mon.

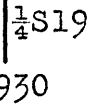
Asc.25 ft. over S.slope.
2.36 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for witness cor. to cor. of secs. 19 and 30 only. of T.16 N., R.10 W., with brass cap marked



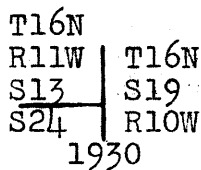
No bearing trees available.
Asc.182 ft. over SW.slope.
16.06 Small spur. slopes W.; desc.20 ft. over N.slope.
17.56 Wash, 10 lks. wide, course W.; asc.389 ft. over S.slope.
33.56 SW. edge of mesa., thence over rolling land.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of sec.24 only, with brass cap marked



No bearing trees available.
41.36 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of sec.19 only, with brass cap marked



No bearing trees available.
68.26 Wash, 10 lks. wide, course SE.; asc.30 ft. over S.slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for cor. of secs.13 and 24 only, with brass cap marked



No bearing trees available.
Land, rolling and mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, scattering cactus and yucca.

Survey of the East Bdy. of T.16 N., R.11 W.

Chains N.0°2'E., on a true line, on E.bdy. of sec.13
 Over rolling mesa land, through scattering undergrowth.
 Asc. 21 ft. over S. slope.
 1.36 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone, for
 cor. of secs. 18 and 19 only, of T.16 N., R.10 W., with brass
 cap marked

	T16N
T16N	R10W
S13	S18
R11W	S19
1930	

40.00 No bearing trees available.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone, for
 1/4 sec. cor. of sec. 13 only, with brass cap marked

1/4	S13
1930	

41.36 No bearing trees available.
 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone, for
 1/4 sec. cor. of sec. 18 only, with brass cap marked

1/4	S18
1930	

50.00 No bearing trees available.
 Desc. 27 ft. over N. slope.
 Draw, course E.
 73.00 Draw, course E.; asc. 23 ft. over S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone for
 cor. of secs. 12 and 13 only, with brass cap marked

	T16N
R11W	T16N
S12	S18
S13	R10W
1930	

No bearing trees available.
 Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scruboak, catclaw and cactus.

1.36 N.0°2'E., on a true line, on E.bdy. of sec.12
 Over mesa, through scattering undergrowth.
 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone, for
 cor. of secs. 7 and 18 only, of T.16 N., R.10 W., with brass
 cap marked

	T16N
T16N	R10W
S12	S7
R11W	S18
1930	

Chains
40.00 No bearing trees available.
Asc. 23 ft. over gradual SE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 12 only, with brass cap marked

$\frac{1}{4}$ S12

1930

41.36 No bearing trees available.
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked

$\frac{1}{4}$ S7

1930

50.00 No bearing trees available.
53.00 Desc. 89 ft. over gradual NE. slope.
75.50 Draw, course E.
80.00 Wash, 20 lks. wide, course N. 75° E.
Set an iron post, 3 ft. long, 2 ins. diam., on solid rock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for cor. of secs. 1 and 12 only, with brass cap marked

T16N	
R11W	T16N
S1	S 7
S12	R10W

1930

No bearing trees available.
Land, rolling.
Soil, adobe and rocky; 3rd rate.
Timber, none.
Undergrowth, scattering catclaw, scruboak and cactus.
Fair grass.

1.36 N. 0° 2' E., on a true line, on E. bdy. of sec. 1
Over mesa land, through scattering undergrowth.
Asc. 33 ft. over gradual SE. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 11 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for cor. of secs. 6 and 7 only, of T. 16 N., R. 10 W., with brass cap marked

	T16N
T16N	R10W
S1	S6
R11W	S7

1930

40.00 No bearing trees available.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap marked

$\frac{1}{4}$ S1

1930

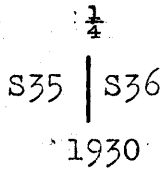
No bearing trees available.

<p>Chains 41.36</p>	<p>Desc. 91 ft. over gradual N. slope. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor of sec. 6 only, with brass cap marked</p> <p style="text-align: center;"> 1/4 S6 1930</p>
<p>50.50 80.33</p>	<p>No bearing trees available. Rocky draw, course NE.; asc. 50 ft. over SE. slope. The cor. of Ts. 16 and 16$\frac{1}{2}$ N., Rs. 10 and 11 W., hereinbefore described. Land, rolling. Soil, adobe and rocky 3rd rate. Timber, none. Undergrowth, scattering scruboak, catclaw, yucca cactus and grass.</p> <hr style="border-top: 1px dashed black;"/>
	<p style="text-align: center;">+</p>

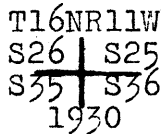
14 Survey of Subdivision Lines of East Half of T.16 N., R.11 W.

Chains From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of T. 16 N., R. 11 W. hereinbefore described.

Thence
 N. 0° 1' E., bet. secs. 35 and 36.
 Over mountainous land, through dense undergrowth.
 2.00 Spur, slopes NW.; desc. 96 ft. over NE. slope.
 22.50 Wash, 20 lks. wide, course NE.; asc. 32 ft. over SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36, with brass cap marked

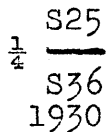


No bearing trees available.
 Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor. Point of spur, slopes E.; desc. 93 ft. over NE. slope.
 40.10 Ravine, course NW.; asc. 18 ft. over SW. slope.
 45.60 Rocky point on spur, slopes W.; desc. 148 ft. over NW. slope.
 50.00 Same ravine, course NE.; asc. 251 ft. over SE. slope.
 57.40 Set an iron post, 3 ft. long, 2 ins. diam., on solid rock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for the cor. of secs. 25, 26, 35 and 36 with brass cap marked



No bearing trees available.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, mahogany, scruboak, sage, cactus and grass.

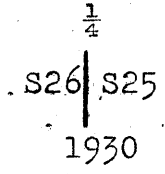
40.00 East on a random line, bet. secs. 25 and 36.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Fall 15 lks. S. of the true point for cor. of secs. 25 and 36 on E. bdy. of Tp. hereinbefore described.
 Thence
 S. 89° 54' W., on a true line, bet. secs. 25 and 36.
 Over mountainous land, through dense undergrowth.
 Asc. 58 ft. over rolling N. slope.
 32.34 Desc. 23 ft. over NW. slope.
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, with brass cap marked



No bearing trees available.
 41.30 Ravine, course NE.; asc. 173 ft. over SE. slope.
 68.29 Asc. 272 ft. over NW. slope.
 78.90 Spur, slopes SE. desc. 13 ft. over NE. slope.
 79.90 The cor. of secs. 25, 26, 35 and 36.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, mahogany, catclaw, sage, cactus and yucca.

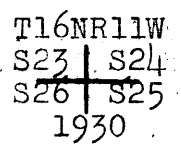
Chains
 3.70
 13.00
 15.00
 20.00
 25.00
 35.08
 40.00

N.0°1'E., bet. secs. 25 and 26.
 Over mountainous land, through dense undergrowth.
 Desc. 184 ft. along W. slope.
 Thence desc. NW. slope.
 Wash, 10 lks. wide, course NE.
 Same wash, course NW.
 Same wash, course NE.
 Wash, 10 lks. wide, course E.; asc. 33 ft. over SE. slope.
 Rocky spur, slopes E.; desc. 29 ft. over NE. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of secs. 25 and 26, with brass cap marked



48.30
 60.00
 75.40
 80.00

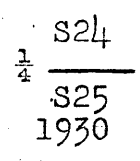
No bearing trees available.
 Asc. 65 ft. over S. slope.
 Spur, slopes E.; desc. 54 ft. over N. slope.
 Wash, 20 lks wide, course E.; asc. 69 ft. over S. slope.
 End of rocky ledge.
 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for cor. of secs. 23, 24, 25 and 26, with brass cap marked



No bearing trees available.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, oak, catclaw, sage, mahogany and cactus.

40.00
 79.88
 39.94

N. 89°54'E., on a random line, bet. secs. 24 and 25.
 Set temp. 1/4 sec. cor.
 Fall 2 lks. N. of the cor. of secs. 24 and 25 on E. bdy. of Tp. hereinbefore described. Thence
 S. 89°55'W., on a true line, bet. secs. 24 and 25.
 Over mountainous land, through dense undergrowth.
 Asc. 103 ft. over NE. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of secs. 24 and 25, with brass cap marked



47.38
 61.88
 79.88

No bearing trees available.
 Asc. 20 ft. over NE. slope.
 Rocky ridge, bears N and S.; desc. 36 ft. over W. slope.
 Wash, 10 lks. wide, course S.; asc. 34 ft. over rocky E. slope.
 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, mahogany, oak, sage and cactus.

Chains N.0°1'W., bet.secs.23 and 24.
 Over rolling land,through dense undergrowth.
 6.00 Wash,10 lks.wide, course SE.;asc.148 ft.over SW.slope.
 11.00 Wash,10 lks.wide, course SW.
 34.80 Spur, slopes E.;desc.48 ft.over NE.slope.
 40.00 Set an iron post,3 ft.long, 1 in.diam.,20 ins. in the
 ground to bedrock,deposit a stone marked with a cross
 (X) at base of post,supported in a mound of stone,for
 $\frac{1}{4}$ sec. cor.of secs.23 and 24,with brass cap marked

$\frac{1}{4}$
 S23 | S24
 1930

No bearing trees available.
 Asc.133 ft.over SW.slope.
 41.20 Wash,10 lks.wide, course SE.
 61.80 Ridge,between Sycamore and Salt Creeks,bears NE.and SW.
 Desc.239 ft.over NW.slope.
 80.00 Set an iron post, 3 ft.long,2 ins.diam.,26 ins.in the
 ground,for cor. of secs.13,14,23 and 24,with brass
 cap marked

T16NR11W
 S14 | S13
 S23 | S24
 1930

No bearing trees available.
 Raise a mound of stone,3 ft.base,2 $\frac{1}{2}$ ft.high,W.of cor.
 Land,mountainous.
 Soil,rocky;3rd rate.
 Timber,none.
 Undergrowth,mahogany,oak,sage,catclaw and cactus.

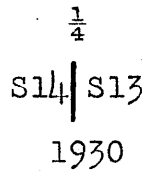
40.00 N.89°55'E.,on a random line,bet.secs.13 and 24.
 Set temp. $\frac{1}{4}$ sec.cor.
 80.00 Fall 11 lks.S.of the cor.of secs.13 and 24,on E.bdy.of Tp.
 hereinbefore described. Thence
 S.89°50'W., on a true line,bet.secs.13 and 24.
 Over rolling mesa,through scattering undergrowth.
 Asc.29 ft.over gradual E.slope.
 30.00 Head of Draw,course N.75°W.Creek,course N.75°W.
 38.50 Leave mesa,bears N.and S.;desc.74 ft.over brushy NW.slope.
 40.00 Set an iron post,3 ft.long,1 in.diam.,18 ins.in the
 ground to bedrock,deposit a stone marked with a cross
 (X) at base of post,supported in a mound of stone,for
 $\frac{1}{4}$ sec. cor. of secs.13 and 24,with brass cap marked

S13
 $\frac{1}{4}$ ———
 S24
 1930

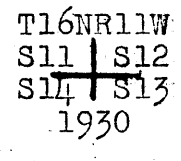
No bearing trees available.
 Dsec.370 ft.over NW.slope.
 62.17 Ravine,course NW.
 80.00 The cor. of secs.13,14,23 and 24.
 Land, mountainous.
 Soil,rocky,3rd rate.
 Timber,none.
 Undergrowth,mahogany,catclaw,cactus and sage.

Survey of Subdivisions of East Half of T.16 N., R.11 W.

Chains N.0°1'E., bet. secs.13 and 14.
 Over mountainous land, through dense undergrowth.
 Desc. 43 ft. over NW. slope.
 6.99 Old fence, bears NE. and SW.
 7.97 Ravine, course SW.; asc. 38 ft. over SE. slope.
 20.87 East Fork of Sycamore Creek, 15 lks. wide, course SW.; asc.
 100 ft. over NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of secs. 13 and 14, with brass cap
 marked

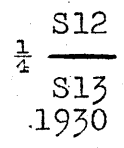


No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Asc. 74 ft. over broken NE. slope.
 47.30 Spur, slopes S.; desc. 29 ft. over NE. slope.
 57.87 Spur, slopes E.; desc. 57 ft. over NE. slope.
 79.80 Ravine, course SE.; asc. 29 ft. over SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post supported in a mound of stone, for
 cor. of secs. 11, 12, 13 and 14, with brass cap marked



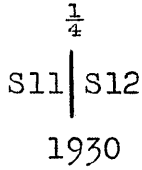
No bearing trees available.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, catclaw, mahogany, cactus, sage and grass.

40.00 N. 89°50'E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Fall 5 lks. N. of the cor. of secs. 12 and 13, on E. bdy. of Tp.
 hereinbefore described. Thence
 S. 89°52'W., on a true line, bet. secs. 12 and 13.
 Over rolling mesa land, through scattering undergrowth.
 25.02 Draw, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of secs. 12 and 13, with brass cap
 marked

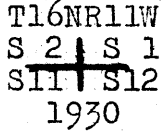


No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
 59.25 Leave mesa, bears SE. and NW.; desc. 381 ft. over steep rocky
 SW. slope.
 80.00 The cor. of secs. 11, 12, 13 and 14.
 Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scruboak, catclaw, cactus and grass.

Chains N.0°1'E., bet.secs.11 and 12.
 Over mountainous land, through dense undergrowth.
 Asc.481 ft. over steep rocky SW.slope.
 19.00 Edge of mesa, bears E.and W., thence over rolling land.
 40.00 Set an iron post, 3 ft.long, 1 in.diam., on solid rock,
 deposit a stone marked with a cross (X) at base of
 post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor.of
 secs.11 and 12, with brass cap marked

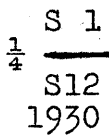


No bearing trees available.
 Desc.167 ft. over NW.slope.
 75.00 Edge of rim rocks, bears NE.and SW.
 80.00 Set an iron post, 3 ft.long, 2 ins.diam., 18 ins.in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone for
 cor.of secs.1, 2, 11 and 12, with brass cap marked



No bearing trees available.
 Land, mountainous and rolling.
 Soil, rocky; 3rd rate
 Timber, none.
 Undergrowth, scattering, scruboak, sage, cactus and grass.

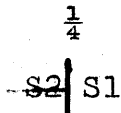
40.00 N.89°52'E., on a random line, bet.secs.1 and 12.
 80.06 Set temp $\frac{1}{4}$ sec. cor.
 Fall 19 lks.N.of the cor.of secs.1 and 12 on E.bdy.of Tp.,
 hereinbefore described. Thence
 West, on a true line, bet.secs.1 and 12.
 Over rolling mesa land, through scattering undergrowth.
 Asc.113 ft. over gradual SE.slope.
 14.06 Draw, course SE.
 38.06 Same draw, course NE.
 40.03 Set an iron post, 3 ft.long, 1 in.diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of secs.1 and 12, with brass
 cap marked



No bearing trees available.
 Asc.75 ft. over SE.slope.
 60.00 Desc.57 ft. over gradual NW.slope.
 80.06 The cor.of secs.1, 2, 11 and 12.
 Land, rolling.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw and oak brush.

40.00 N.0°1'E., on a random line, bet.secs.1 and 2.
 80.26 Set temp $\frac{1}{4}$ sec. cor.
 Fall 12 lks.W.of the cor.of secs.1, 2, 35 and 36 on N.
 bdy.of Tp., hereinbefore described.
 Thence
 S.0°6'W., on a true line, bet.secs.1 and 2.

Chains Over mountainous land, through scattering undergrowth.
 Desc. 87 ft. over SW. slope.
 17.86 Fence, bears E. and W.; cor. of fence bears 50 lks. E. thence
 S.
 18.26 E. end of dam, of small reservoir.; thence along same.
 22.96 Leave reservoir, bears SW.
 25.66 Wire fence, bears E. and W.; asc. 57 ft. over NW. slope.
 40.26 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone, for
 $\frac{1}{4}$ sec. cor. of secs. 1 and 2, with brass cap marked

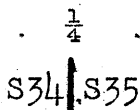


1930

80.26 No bearing trees available.
 Asc. 224 ft. over NW. slope.
 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering scruboak, catclaw and cactus.

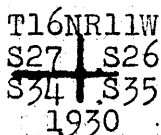
 From the cor. of secs. 2, 3, 34 and 35 on S. bdy. of T. 16 N.,
 R. 11 W., hereinbefore described,

Thence
 N. 0° 1' E., bet. secs. 34 and 35.
 Over mountainous land, through scattering undergrowth.
 Asc. 82 ft. over rocky SW. slope.
 7.36 Spur, slopes W.; desc. 73 ft. over NW. slope.
 12.94 Wash in ravine, course SW. asc. 268 ft. over SE. slope.
 25.74 Rocky spur, slopes W.; desc. 139 ft. over NW. slope.
 36.55 Ravine, course SW.; asc. 78 ft. over SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 34 and 35, with brass cap
 marked



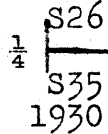
1930

43.44 No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Asc. 40 ft. over S. slope.
 61.00 Spur, slopes W.; desc. 276 ft. over NW. slope.
 80.00 Ravine, course W.; asc. 22 ft. over NW. slope.
 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone for
 cor. of secs. 26, 27, 34 and 35, with brass cap marked



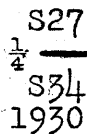
No bearing trees available.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, mahogany, laurel, catclaw, cactus and sage.

Chains East, on a random line, bet. secs. 26 and 35.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Fall 7 lks. N. of the cor. of secs. 25, 26, 35 and 36.
 Thence
 N. $89^{\circ}57'W.$, on a true line, bet. secs. 26 and 35.
 Over mountainous land, through dense undergrowth.
 Dec. 115 ft. over rugged spur.
 13.80 Low saddle, bears N. and S.; asc. 124 ft. over NE. slope.
 23.52 Ridge, bears N. and S.; desc. 199 ft. over W. slope.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of secs. 26 and 35, with brass cap
 marked



No bearing trees available.
 Raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
 Desc. 57 ft. over W. slope.
 50.08 Junction of washes 20 lks. wide, from NE. and SE. course NW.
 Asc. 210 ft. over NE. slope.
 56.00 Thence along N. slope.
 60.58 Spur, slopes N.; desc. 322 ft. over NW. slope.
 80.08 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, mahogany, laurel, scruboak, catclaw and cactus.

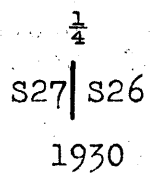
 West, on a random line, bet. secs. 27 and 34.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect the cor. of secs. 27, 28, 33 and 34, which is an
 iron post, 2 ins. diam., projecting 12 ins. above ground,
 firmly set and properly marked on brass cap, witnessed
 by a mound of stone W. of cor.
 Thence
 East, on a true line, bet. secs. 27 and 34.
 Over mountainous land, through scattering undergrowth.
 Desc. 24 ft. over NE. slope.
 7.92 Wash, 20 lks. wide, course NW.; asc. 71 ft. over SW. slope.
 13.64 Spur, slopes NW.; desc. 43 ft. over E. slope.
 18.04 Draw, course N.; asc. 23 ft. over SW. slope.
 21.95 Spur, slopes NW.; desc. NE. slope.
 27.04 Wash, 150 lks. wide, course NW.; asc. 28 ft. over SW. slope.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of secs. 27 and 34, with brass cap
 marked



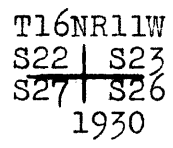
No bearing trees available.
 Raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.
 Asc. 114 ft. over NW. slope.
 43.14 Trail, bears N. and S.
 53.00 Spur, slopes SW.; desc. 51 ft. over SE. slope.
 65.04 Wash, 15 lks. wide, course S.; asc. 131 ft. over NW. slope.
 80.04 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scruboak, mahogany, catclaw, sage and cactus.

Survey of Subdivisions of East Part of T.16 N., R.11 W.

Chains N.0°1'E., bet.secs.26 and 27.
 Over mountainous land,through dense undergrowth.
 Desc.85 ft.over NW.slope.
 8.30 Wash,20 lks.wide,course SW.;asc.115 ft.over SE.slope.
 18.40 Ridge,bears NE.and SW.;desc.107 ft.over rolling NW.slope.
 38.60 Ravine,course NW.;asc.6 ft.over SW.slope.
 40.00 Set an iron post,3 ft.long,1 in.diam.,26 ins. in the
 ground,for 1/4 sec.cor.of secs.26 and 27,with brass cap
 marked.

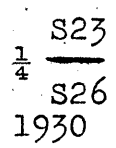


No bearing trees available.
 Raise a mound of stone,4 ft.base,2 1/2 ft.high,W.of cor.
 Desc.41 ft.over NW.slope.
 51.18 Wash,20 lks.wide,course SW.;asc.115 ft.over SW.slope.
 61.13 Spur, slopes W.;desc,100 ft.over N.slope.
 67.40 Wash,20 lks.wide,course W.;asc.98 ft.over S.slope.
 77.50 Spur, slopes SW.;desc.17 ft.over NW.slope.
 80.00 Set an iron post,3 ft.long,2 ins.diam.,25 ins.in the
 ground for cor.of secs.22,23,26 and 27,with brass cap
 marked



No bearing trees available.
 Raise a mound of stone,4 ft.base,2 1/2 ft.high,W.of cor.
 Land,mountainous.
 Soil,rocky;3rd rate.
 Timber,none.
 Undergrowth,mahogany,cactus,catclaw and sage.

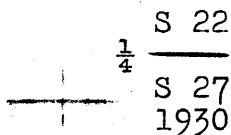
40.00 S.89°57'E., on a random line,bet.secs.23 and 26.
 Set temp.1/4 sec.cor.
 80.22 Fall 11 lks. N.of the cor.of secs.23,24,25 and 26.
 Thence
 N.89°52'W., on a true line,bet.secs.23 and 26.
 Over mountainous land,through dense undergrowth.
 Asc.46 ft.over E.slope.
 20.00 Divide,between Sycamore and Salt Creeks,bears N.and S.
 Desc.252 ft. over W.slope.
 36.50 Wash,20 lks.wide,course S.asc; 21 ft.over SW.slope.
 38.30 Spur, slopes S.;desc.25 ft.over SW.slope.
 40.11 Set an iron post 3 ft.long,1 in.diam.,18 ins.in the
 ground to bedrock,deposit a stone marked with a cross
 (X) at base of post,supported in a mound of stone,for
 1/4 sec.cor.of secs.23 and 26,with brass cap marked



No bearing trees available.
 Asc.25 ft.over E.slope.
 41.50 Spur, slopes S.;desc.52 ft.over W.slope.
 46.00 Low ridge,slopes SW.;thence along rolling N.slope.
 56.80 Desc.63 ft.over NW.slope.
 63.45 Wash,20 lks.wide,course SW.;asc.4 ft.over SW.slope.
 77.40 Spur,slopes SW.;desc.26 ft.over NW.slope.
 80.22 The cor.of secs.22,23,26 and 27.
 Land,mountainous.

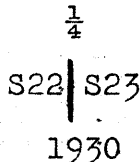
Chains Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scruboak, mahogany, catclaw, cactus and sage.

 West, on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Fall 7 lks. N. of the cor. of secs. 21, 22, 27 and 28, which is an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set and properly marked on a brass cap, witnessed by a mound of stone, W. of cor.
 Thence
 N. $89^{\circ}57'E.$, on a true line, bet. secs. 22 and 27.
 Over mountainous land, through dense undergrowth.
 Asc. 105 ft. over W. slope.
 .59 Ravine, course S.
 8.10 Spur, slopes S.; desc. 141 ft. over E. slope.
 15.11 Head of ravine, course SE.; asc. 29 ft. over W. slope.
 20.10 Spur, slopes SE.; desc. 71 ft. over NE. slope.
 25.90 Wash, 10 lks. wide, course S.; asc. 43 ft. over SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 22 and 27, with brass cap marked



No bearing trees available.
 Desc. E. slope. 82 ft.
 45.60 Sycamore Creek, 70 lks. wide, course S.; also spring bears S. about 7.00 chs. dist.
 Asc. 103 ft. over steep W. slope.
 62.20 Low ridge, bears N. and S.; desc. 19 ft. over E. slope.
 66.50 Draw, course S.; asc. 29 ft. over W. slope.
 71.75 Low spur, slopes S.; desc. 32 ft. over SE. slope.
 73.45 Wash, 10 lks. wide, course SW.; asc. 49 ft. over NW. slope.
 80.00 The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, mahogany, scruboak, catclaw, laurel and cactus.

 N. $0^{\circ}1'W.$, bet. secs. 22 and 23.
 Over mountainous land, through dense undergrowth.
 Desc. 23 ft. over NW. slope.
 2.00 Head of ravine, course W.; asc. 235 ft. over S. slope.
 12.50 Thence along SW. slope.
 22.24 Spur, slopes SW.; desc. 104 ft. over rolling NW. slope.
 29.00 Ravine, course SW.; asc. 20 ft. over SE. slope.
 31.25 Spur, slopes SW.; desc. 96 ft. over NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 22 and 23, with brass cap marked



No bearing trees available.
 Desc. 70 ft. over NW. slope.
 43.60 Sycamore Creek, at junction of a small creek, course SW.
 48.28 Branch of Sycamore Creek, 20 lks. wide, course SE.; asc. 203

Chains
56.70
63.27
66.30
80.00

ft. over SW. slope.
Thence along W. slope.
Desc. NW. slope.
Ravine, course SW.; asc. SE. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T16NR11W
S15 | S14
S22 | S23
1930

No bearing trees available.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, mahogany, oak, cactus and yucca.

40.00
79.94

S. 89° 52' E., on a random line, bet. secs. 14 and 23.
Set temp. 1/4 sec. cor.
Intersect the cor. of secs. 13, 14, 23 and 24.

4.90
7.90
8.75

Thence
N. 89° 52' W., on a true line, bet. secs. 14 and 23.
Over mountainous land, through dense undergrowth.
Desc. 87 ft. over NW. slope.
Old house; bears N. about 4.00 chs. dist.
Trail, bears NE. and SW.
East Fork of Sycamore Creek, 40 lks. wide, course W.
Asc. 71 ft. over SE. slope.

17.50
18.50
23.20
28.20
35.66
37.40
39.80
39.97

Spur, slopes S.
Ravine, 20 ft. deep, course S,
Spur, slopes S.; continue over rolling S. slope.
Spur, slopes S.; desc. 83 ft. over W. slope.
Ravine, course SW.; asc. 18 ft. over SE. slope.
Point of spur, slopes S.; desc. 16 ft. over SW. slope.
Ravine, course SE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor. of secs. 14 and 23, with brass cap marked

S14
1/4
S23
1930

48.80
52.24
71.90
75.86
79.94

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor.
Asc. 80 ft. over NW. slope.
Spur, slopes S.; desc 9 ft. over SW. slope.
Ravine, course S.; asc. 102 ft. over SE. slope.
Spur, slopes S.; desc. 63 ft. over SW. slope.
Ravine, course S.; asc. 55 ft. over SE. slope.
The cor. of secs. 14, 15, 22 and 23.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, scruboak, catclaw, mahogany, palo cristi and cactus.

Chains	Thence S.89°57'W., on a random line, bet. secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
40.00	
80.02	Fall 9 lks. S. of the cor. of secs. 15, 16, 21 and 22, which is an iron post, 2 ins. diam., projecting 12 ins. above ground, firmly set and properly marked on brass cap, witnessed by a mound of stone W. of cor.
	Thence S.89°59'E., on a true line, bet. secs. 15 and 22. Over mountainous land, through scattering undergrowth. Asc. 20 ft. over W. slope.
.62	Spur, slopes S.; desc. 104 ft. over NW. slope.
8.52	Wash, 20 lks. wide, course SE.; asc. 257 ft. over SW. slope.
38.82	High rocky spur, slopes SW.; desc. 12 ft. over NE. slope.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 15 and 22, with brass cap marked
	$\begin{array}{r} S15 \\ \frac{1}{4} \\ \hline S22 \\ 1930 \end{array}$
	No bearing trees available. Desc. 260 ft. over NE. slope.
53.77	Ravine, course SE.; asc. 18 ft. over SW. slope.
57.50	Rocky spur, slopes S.; desc. 171 ft. over E. slope.
67.82	West Fork of Sycamore Creek, 40 lks. wide, course S., also stone corral bears S. about 5 chs. dist. Asc. 216 ft. over W. slope.
77.70	Spur, slopes S.; desc. 5 ft. over SE. slope.
80.02	The cor. of secs. 14, 15, 22 and 23. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, palo cristi, scruboak, catclaw, mahogany and sage.
	N.0°1'E., bet. secs. 14 and 15. Over mountainous land, through scattering undergrowth. Asc. 99 ft. over SE. slope.
2.50	Trail, bears NE. and SW.
3.60	Spur, slopes SW.; continue over W. slope.
11.50	Spur, slopes SW.; desc. 100 ft. over NW. slope.
28.10	Gulch, with small creek 4 lks. wide, course SW.
31.00	Same creek, course SE.
34.60	Same creek, course SW.; asc. 117 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 14 and 15, with brass cap marked.
	$\begin{array}{r} \frac{1}{4} \\ S15 S14 \\ 1930 \end{array}$
	No bearing trees available. Mark a cross (X) B O on E. face of cliff, 20x15x10 ft. above ground, 3 lks. W. of cor. Asc. 354 ft. over SE. slope.
41.20	Trail, bears E. and W.
51.20	Same gulch, course S. 20° E.
56.30	Edge of mesa, bears SE. and NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked

Chains	<p style="text-align: center;">T16NR11W S10 S11 S13 S14 1930</p>
	<p>No bearing trees available. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, scruboak, catclaw, mahogany, cactus, palo cristi and sage.</p>

<p>40.00 79.94 2.94 4.14 25.64 39.97</p>	<p>S.89°52'E., on a random line, bet. secs. 11 and 14. Set temp $\frac{1}{4}$ sec. cor. Fall 5 lks, N. of the cor. of secs. 11, 12, 13 and 14. Thence N.89°50'W., on a true line, bet. secs. 11 and 14. Over mountainous land, through, scattering undergrowth. Asc. 24 ft. over SE. slope. Low spur, slopes SE. Draw, course S.; asc. 437 ft. over SE. slope. Edge of mesa, bears NE. and SW.; thence over rolling land. Desc. 246 ft. over W. slope. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for $\frac{1}{4}$ sec. cor. of secs. 11 and 14, with brass cap marked</p>
	<p style="text-align: center;">S11 $\frac{1}{4}$ ——— S14 1930</p>
<p>54.94 57.14 79.94</p>	<p>No bearing trees available. Desc. 98 ft. over W. slope. Desc. 58 ft. over gradual E. slope. Trail, bears N.15°E. and S.15°W., in draw, course N. The cor. of secs. 10, 11, 14 and 15. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, palo cristi, mahogany, oak, cactus and sage.</p>

<p>40.00 80.14 9.57 40.07</p>	<p>N.89°59'W., on a random line, bet. secs. 10 and 15. Set temp $\frac{1}{4}$ sec. cor. Fall 11 lks. N. of the cor. of secs. 9, 10, 15 and 16, which is an iron post, 2 ins. diam., projecting 10 ins. above a mound of stone, firmly set and properly marked on brass cap. Thence N.89°56'E., on a true line, bet. secs. 10 and 15. Over mountainous land, through scattering undergrowth. Asc. 270 ft. over SW. slope. Wire fence on edge of mesa, bears SE. and NW.; desc. 149 ft. over rolling mesa land. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 10 and 15, with brass cap marked</p>
	<p style="text-align: center;">S10 $\frac{1}{4}$ ——— S15 1930</p>
<p>49.03</p>	<p>No bearing trees available. Desc. 52 ft. over SE. slope. Ravine, 40 lks. wide, course SE.; asc. 16 ft. over gradual SE. slope.</p>

Chains
80.14

The cor. of secs. 10, 11, 14 and 15.
Land, mountainous and rolling.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, mahogany, cactus, palocristi, sage and grass.

N.0°1'E., bet. secs. 10 and 11.
Over rolling mesa land, through scattering undergrowth.
Asc. 33 ft. over E. slope.

29.20
40.00

Wash, 50 lks. wide, course E.; desc. 29 ft. along E. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 10 and 11, with brass cap marked

$\frac{1}{4}$
S10 | S11
1930

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
Asc. 18 ft. over SE. slope.

45.00
57.50
75.00
80.00

Low spur, slopes E.; desc. 29 ft. along E. slope.
Draw, course E.; asc. 58 ft. along E. slope.
Rocky spur, slopes SE.; desc. 23 ft. over NE. slope.
Set an iron post, 3 ft. long, 2 ins. diam., on solid rock. deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T16NR11W
S 3 | S 2
S10 | S11
1930

No bearing trees available.
Land, rolling.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, scattering, mahogany, oak, cactus palo cristi and grass.

40.00
80.08

S.89°50'E., on a random line, bet. secs. 2 and 11.
Set temp $\frac{1}{4}$ sec. cor.
Fall 23 lks. S. of the cor. of secs. 1, 2, 11 and 12.
Thence

24.72
28.00
29.00
31.80
40.04

West, on a true line, bet. secs. 2 and 11.
Over mountainous land, through dense undergrowth.
Desc. 256 ft. over NW. slope.
Wash, 20 lks. wide, course NE.; desc. 17 ft.
Same wash, course SE.
Trail, bears NE. and SW.
Same wash, course NE.; asc. 17 ft. over E. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 2 and 11, with brass cap marked

$\frac{1}{4}$ S 2
S11
1930

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
Asc. 260 ft. over E. slope.

Survey of Subdivisions of East Half of T.16 N., R.11 W. 27

Chains
80.08 The cor. of secs. 2, 3, 10 and 11.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, mahogany, palo cristi, oak, cactus and grass.

40.00 S. 89° 56' W., on a random line, bet. secs. 3 and 10.
80.16 Set temp. $\frac{1}{4}$ sec. cor.
Fall 11 lks. S. of the cor. of secs. 3, 4, 9 and 10, which is
an iron post, 2 ins. diam., projecting 10 ins. above a mound
of stone, firmly set and properly marked on brass cap.
Thence
S. 89° 59' E., on a true line, bet. secs. 3 and 10.
Over mountainous land, through dense undergrowth.
Desc. 178 ft. over SE. slope.
5.16 Spur, slopes SE.
40.08 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground to bedrock, deposit a stone marked with a cross
(X) at base of post, supported in a mound of stone, for
 $\frac{1}{4}$ sec. cor. of secs. 3 and 10, with brass cap marked

$\frac{1}{4}$ $\frac{S\ 3}{S10}$
1930

No bearing trees available.
65.16 Desc. 219 ft. over SE. slope.
80.16 Spur, slopes SE.; desc. NE. slope.
The cor. of secs. 2, 3, 10 and 11.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, mahogany, catclaw, palo cristi, oak and cactus.

40.00 N. 0° 1' E., on a random line, bet. secs. 2 and 3.
80.38 Set temp. $\frac{1}{4}$ sec. cor.
Fall 12 lks. W. of the cor. of secs. 2, 3, 34 and 35 on N. bdy.
of Tp., hereinbefore described.
Thence
S. 0° 6' W., on a true line, bet. secs. 2 and 3.
Over mountainous land, through dense undergrowth.
Desc. 85 ft. over SE. slope.
3.28 Wire fence, bears NE. and SW.
18.88 Ravine, course E.; asc. 11 ft. over NE. slope.
25.38 Desc. 22 ft. over SE. slope.
40.38 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of secs. 2 and 3, with brass cap
marked

$\frac{1}{4}$
S3 | S2
1930

No bearing trees available.
45.38 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
56.88 Asc. 11 ft. over NE. slope.
80.38 Desc. 22 ft. along E. slope.
Wash, 10 lks. wide, course E.; asc. 128 ft. over NE. slope.
The cor. of secs. 2, 3, 10 and 11.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none,
Undergrowth, mahogany, catclaw, palo cristi, oak and cactus.

Chains

FINAL INSTRUMENT TESTS

January 30, 1930, with Young and Sons transit No. 8584 in camp near the cor. of secs. 23, 24, 25 and 26, of T. 16 N. R. 11 W., in latitude $34^{\circ}42'14''$ N., longitude $113^{\circ}22'30''$ W., at 10h 55m p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack driven in a peg firmly in the ground 5 chs. north.

January 31, 1930, at the same station at 7h 30m a.m., app. t., lay off the azimuth of Polaris $1^{\circ}18'$ to the east, and mark the meridian thus determined by a tack driven in a peg firmly in the ground 5 chs. north.

At 8h 00m a.m., app. t., set off $34^{\circ}42'$ N., on the latitude arc, $17^{\circ}24\frac{1}{2}'$ S., on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At app. t., noon with the lat. arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is $17^{\circ}23\frac{1}{2}'$ S., which agrees with the computed declination of the sun.

At 4h 00m p.m., app. t., with the lat. arc unchanged, set off $17^{\circ}19'$ S., on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the solar observations taken during the usual hours of solar work, come within 1' of the true meridian it is concluded that the instruments have been maintained in satisfactory adjustment.

BOUNDARIES OF EAST HALF OF TOWNSHIP 16 NORTH, RANGE 11 WEST
Latitudes, departures and closing errors.

Line designated	True Course	Distance	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary	N. $89^{\circ}59'$ W.	4.92				4.92
	South	1.36		1.36		
	West	235.08				235.08
Subdivisional Bdy.	N. $0^{\circ}02'$ W.	400.00	400.00			.23
	N. $0^{\circ}06'$ E.	80.20	80.20		.14	
North Boundary	East	240.00			240.00	
East Boundary	S. $0^{\circ}02'$ W.	478.97		478.97		.28
	Convergency				.25	
	Totals		480.20	480.33	240.39	240.51
				480.20		
	Error in latitude			.13		240.39
	Error in departure					.12

GENERAL DESCRIPTION

The land in the East half of T. 16 N., R. 11 W. is very rough and mountainous in the SW. portion and is covered with dense undergrowth. The formation is generally sandstone. The NE. portion is rolling mesa, unfit for cultivation, and is used for grazing only. The land is drained by Sycamore Creek in the SW. portion and by Salt Creek in the SE. portion. There are no known exploitable mineral deposits.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Charles E. Hunter, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 159, Arizona, bearing date of the 24th day of June, 1929, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East Boundary North Boundary and Subdivision Lines of

Township 16 North, Range 11 West

of the Gila and Salt River base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 159, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona

Date: May 3, 1930

Charles E. Hunter U.S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

The foregoing field notes of the survey of

executed by

under his special instructions dated, 19, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General

I certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this office.

U. S. Surveyor General

BOOK 3899

CERTIFICATE OF UNITED STATES SURVEYOR

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 159, Arizona, bearing date of the 24th day of June, 1929, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the South and East Boundaries of

Township 16 North, Range 11 West

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 159, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.

Date: May 5, 1930.

William E. Hiester

U. S. Surveyor.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., May 18, 1931

The foregoing field notes of the survey of

the East half of the South Boundary,

the East half of the North Boundary,

the East Boundary, and

the East half of the Subdivision Lines of

Township 16 North, Range 11 West, of the

Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William E. Hiester, U.S. Surveyor & Charles E. Hunter, U.S. Transitman, under his special instructions dated June 24, 1929 for Group 159, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U.S. Supervisor of Surveys

U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys.