

BOOK 3900

FIELD NOTES

OF THE SURVEY OF THE

EAST Boundary.

NORTH Boundary

and

Subdivision Lines

of

TOWNSHIP 16 NORTH, RANGE 10 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, 19 29, 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, 19 29, and Assignment Instructions dated Jan. 2, 19 30.

Survey commenced January 22, 19 30.

Survey completed February 13, 19 30.

3900

3900

1A

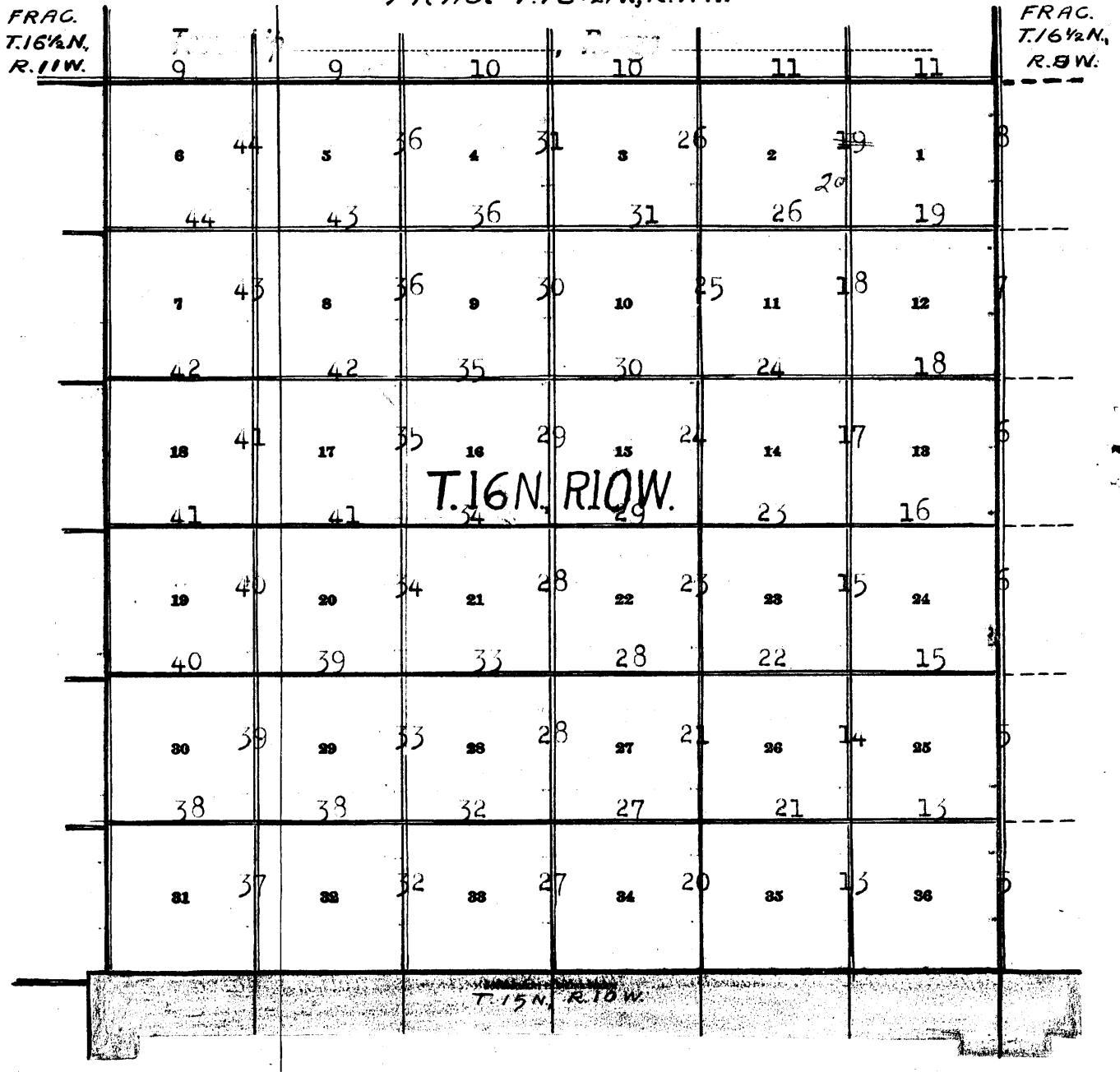
Book "B"

Group 159--Arizona

BOOK 3900

INDEX DIAGRAM.

FRAC. T.16½N., R.11W.



— Lines surveyed under this Group.

— Accepted surveys.

— MOHAVE-YAVAPAI County Boundary.

- - - - - Unsurveyed.

■ Areas surveyed as per accepted plats on file.

DATE DIAGRAM

Group 159--Book "B"

Township 16 North, Range 10 West

1930

	2-7	2-7	2-7	2-7	2-8	2-8
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		32	33	34	35	36
	1-22	1-22	1-29	1-30	2-6	2-4

- Surveyed by Charles E. Hunter, U.S.T., on dates shown thereon.
- Surveyed by William E. Heister, U.S.S., on dates shown thereon.
- Surveyed under this Group, notes in other Books.
- Accepted surveys on record in this office.
- - - - - MOHAVE-YAVAPAI County Boundary.
- Unsurveyed.

The surveys herein described were executed on dates shown on diagram 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 and 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 20, 1930: at camp near the cor. of secs. 29, 30, 31 and 32 of T. 16 N., R. 10 W., G&SR Base Meridian, Arizona, latitude $34^{\circ}41'23''$ N., longitude $113^{\circ}20'17''$ W., at 11h. 34m. 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 set firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation is $1^{\circ}17'47''$

January 21, 1930: at the same station 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, set firmly in the ground 5 chs. N.

At 8h 00m a.m., app.t., set off $34^{\circ}41\frac{1}{2}'$ N. on the lat. arc, $19^{\circ}54\frac{1}{2}'$ 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 $19^{\circ}54\frac{1}{2}'$ S., which agrees with the computed decl. of the sun.

At 4h 00m p.m., app.t., with the lat. arc unchanged, set off $19^{\circ}50\frac{1}{2}'$ S., on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations made during the usual hours of solar work come within 1' of the true meridian it is concluded that the adjustments of the instruments are satisfactory.

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

 FINAL TESTS OF INSTRUMENTS

February 16, 1930: on the meridian hereinbefore described near the cor. of secs. 29, 30, 31 and 32 of T. 16 N., R. 10 W. at 9 a.m., app.t., set off $34^{\circ}41\frac{1}{2}'$ N. on the lat. arc $12^{\circ}23\frac{1}{2}'$ 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 $12^{\circ}21'S.$, which agrees with the computed decl. of the sun.

At 3h 00m p.m., app.t., with the lat. arc unchanged, set off $12^{\circ}18'S.$, on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

 PRELIMINARY TEST OF YOUNG & SONS TRANSIT
 NO. 8584

February 4, 1930: at station near the $\frac{1}{4}$ sec. cor. of secs. 10 and 11 of T. 16 N., R. 10 W., G&SR Base Meridian, Arizona, latitude $34^{\circ}44'24''N.$, longitude $113^{\circ}17'05''W.$, at 10h 35m 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 set firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation is $1^{\circ}17'46''$

February 5, 1930: at the same station, 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, set firmly in the ground 5 chs. N.

At 8h 00m a.m. app.t., set off $34^{\circ}44\frac{1}{2}'N.$ on the lat. arc $15^{\circ}58'S.$, 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 $15^{\circ}56'S.$, which agrees with the computed decl. of the sun.

At 3h 00m p.m., app.t., with the lat. arc unchanged, set off $15^{\circ}53\frac{1}{2}'S.$, on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At intervals throughout the survey the instrument was tested on a true meridian and was maintained in proper adjustment.

 FINAL TEST OF INSTRUMENT.

February 22, 1930: on the meridian determined February 5, 1930, hereinbefore described, at 9h 00m a.m. app.t., set off $34^{\circ}44\frac{1}{2}'N.$, on the lat. arc $10^{\circ}15\frac{1}{2}'S.$, 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 $10^{\circ}13'S.$, which agrees with the computed decl. of the sun.

At 3h 00m p.m., app.t., with the lat. arc unchanged, set off $10^{\circ}10'S.$, 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 instrument has remained in satisfactory adjustment.

All measurements were made on the slope, the vertical angles determined with clinometer or transit, and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

The South bdy. of T.16 N., R.10 W., was surveyed in 1926 by Glenn F. Sawyer U.S.S and Charles E. Hunter U.S.T. who established corners thereon with common reference to areas on both sides of the line. No retracement or resurvey of any part of this line is of record.

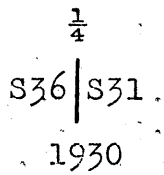
The following notes describe a survey of the E. and N. bdy., and subdivisional lines of T.16 N., R.10 W.

From the cor. of Ts. 15 and 16 N., Rs. 9 and 10 W., which is an iron post, 3 ins. diam., projecting 10 ins. above a mound of stone, firmly set, and properly marked on brass cap, unwitnessed. North, bet. secs. 31 and 36.

40.00

Over mountainous land, through scattering undergrowth. Desc. 141 ft. along W. slope.

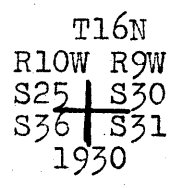
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone, for 1/4 sec. cor. of secs. 31 and 36, with brass cap marked



No bearing trees available. Desc. 54 ft. along W. slope.

44.20
80.00

Ravine, course SW.; asc. 402 ft. over SW. slope. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked



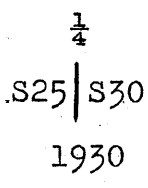
No bearing trees available. Raise a mound of stone, 4 ft. base, 2 1/2 ft. high W. of cor. Land, mountainous. Soil, rocky; 3 rd rate. Timber, none. Undergrowth, cactus, palo verde, catclaw, sage and grass.

North, bet. secs. 25 and 30. Over mountainous land, through scattering undergrowth. Asc. 549 ft. over steep SW. slope of slide rock. Top of cliff and slide rock. SW. edge of Bogarth Mesa, bears SE. and NW.; thence over rolling mesa.

22.00

40.00

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for 1/4 sec. cor. of secs. 25 and 30, with brass cap marked



No bearing trees available. Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, W. of cor. Leave Bogarth Mesa, bears E. and W.; desc. 890 ft. over steep NW. slope.

46.20

78.00
80.00

Ravine, course NW. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the

Chains	ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked
	<p style="text-align: center;">T16N R10W R9W S24 S19 S25 S30 1930</p>
	<p>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, paloverde, mahogany, oak, cactus and sage.</p>
	<p>-----</p> <p>North, bet. secs. 19 and 24. Over mountainous land, through scattering undergrowth. Desc. 202 ft. along W. slope.</p>
<p>9.00 14.50 17.50 27.00 34.90 40.00</p>	<p>Corner of wire fence, bears about 16.00 chs. W. Gulch, course W.; asc. 92 ft. over SW. slope. NE. cor. of corral, bears about 16.00 chs. W. Spur, slopes W.; desc. 79 ft. over NW. slope. Gulch, course W.; asc. 25 ft. over SW. slope. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor. of secs. 19 and 24, with brass cap marked</p>
	<p style="text-align: center;">¼ S24 S19 1930</p>
<p>42.50 56.40 80.00</p>	<p>No bearing trees available. Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor. Small spur, slopes W.; desc. 183 ft. over NW. slope. Burro Creek, 1 ch. wide, course SW.; asc. 99 ft. over SE. slope. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, supported in a mound of stone for cor. of secs. 13, 18, 19 and 24, with brass cap marked</p>
	<p style="text-align: center;">T16N R10W R9W S13 S18 S24 S19 1930</p>
	<p>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, sycamore and cottonwood. Undergrowth, catclaw, mahogany, palo verde, cactus and sage.</p>
	<p>-----</p> <p>North, bet. secs. 13 and 18. Over mountainous land, through scattering undergrowth. Desc. 71 ft. over NE. slope.</p>
<p>6.70 10.70 18.60 40.00</p>	<p>Bluff, 35 ft. high, faces NE. Burro Creek, 120 lks. wide, course SE. Same Creek, 80 lks. wide, course SW.; asc. 379 ft. over rocky SE. slope. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground for ¼ sec. cor. of secs. 13 and 18, with brass cap marked</p>

Survey of the East Bdy. of T.16 N., R.10 W.

Chains

$\frac{1}{4}$
S13 | S18
1930

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor.
Asc. 30 ft. over SE. slope.
Thence over rolling land.
Set an iron post, 3 ft. long, 2 ins. diam., 2¼ ins. in the
ground for cor. of secs. 7, 12, 13 and 18, with brass cap
marked

42.80
80.00

T16N
R10W R9W
S12 | S 7
S13 | S18
1930

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor.
Land, mountainous.
Soil, sandy and rocky; 3rd rate.
Timber, none.
Undergrowth, paloverde, catclaw, sage, cactus and yucca.

North, bet. secs. 7 and 12.
Over mountainous land, through scattering undergrowth.
Desc. 37 ft. over rolling land.
Desc. 215 ft. over steep NE. slope.
Wash, 30 lks. wide, course NE.; asc. 500 ft. over S. slope.
Spur, slopes E.; desc. 261 ft. over NE. 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
¼ sec. cor. of secs. 7 and 12, with brass cap marked

5.90
14.10
31.30
40.00

$\frac{1}{4}$
S12 | S7
1930

No bearing trees available.
Desc. 160 ft. over NE. slope.
Francis Creek, 25 lks. wide, course SE.; asc. 420 ft. over
steep rocky SW. slope.
Thence along W. 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. 1, 6, 7 and 12, with brass cap marked

53.70
68.00
80.00

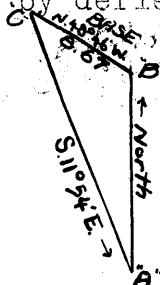
T16N
R10W R9W
S 1 | S 6
S12 | S 7
1930

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, mahogany, cactus, catclaw and yucca.

Survey of the East Bdy. of T.16 N., R.10 W.

Chains

North, bet. secs. 1 and 6.
 Over mountainous land, through scattering undergrowth.
 Asc. 515 ft. over SW. slope of cliffs and slide rock.
 To make a triangulation over bluffs; I designate the above
 cor. point A and set a flag B on top of bluffs, also a
 flag C on top of bluffs, which from point A bears
 S. 11° 54' E., the base BC bears N. 48° 46' W., 8.67 chs. dist.;
 all bearings checked by direct reading of the solar,
 and all angles checked by deflection.



Dist. by triangulation	25.23 chs.
Dist. by direct meas.	14.77 "
	<hr/> 40.00 chs.

25.23
40.00

Rim of mesa bears SE. and NW., thence over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 1 and 6, with brass cap
 marked

$\frac{1}{4}$
 S1 | S6
 1930

79.09

No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Desc. 46 ft. over gradual NE. slope.
 At this point which is calculated to be due east of the
 cor. of Townships 16 and 16 $\frac{1}{2}$ North, Ranges 10 and 11
 West, set an iron post, 3 ft. long, 3 ins. diam., 2 $\frac{1}{2}$ ins.
 in the ground for cor. of Ts. 16 and 16 $\frac{1}{2}$ N., Rs. 9 and 10
 W., with brass cap marked

T16 $\frac{1}{2}$ N
 R10W R9W
 S36 | S31
 S 1 | S 6
 T16N
 1930

No bearing trees available.
 Raise a mound of stone, 4 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high, S. of cor.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw, mahogany, cactus and sage.



Chains

From the cor. of Ts. 16 and 16 1/2 N., Rs. 9 and 10 W., herein-
before described.

473.07

West, on a random line, on N. bdy. of T. 16 N., R. 10 W., sett-
ing temp. cors. at 40-ch. intervals, and at
Fall 110 lks. N. of the cor. of Ts. 16 and 16 1/2 N., Rs. 10 and
11 W., described in book "A", of this Group.

33.07

Thence
N. 89° 52' E., on a true line bet. secs. 6 and 31.
Over rolling mesa land, through scattering undergrowth.
Desc. 138 ft. over gradual NE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground for 1/4 sec. cor. of secs. 6 and 31, with brass cap
marked

S31
1/4
S6
1930

73.07

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor.
Desc. 222 ft. over gradual NE. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground for cor. of secs. 5, 6, 31 and 32, with brass cap
marked

T16 1/2 NR10W
S 31 | S 32
S 6 | S 5
T16N
1930

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

22.46

N. 89° 52' E., on a true line, bet. secs. 5 and 32.
Over mesa land, through scattering undergrowth.
Desc. 113 ft. over gradual E. slope.

35.00

Intersect, Mohave and Yavapai County Line, at a point
N. 0° 2' W., 36.21 chs. dist., from 53rd mile mon. thereof.

40.00

Draw, 300 lks. wide, course NE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground for 1/4 sec. cor. of secs. 5 and 32, with brass cap
marked

S32
1/4
S5
1930

42.70

No bearing trees available.
Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor.
Asc. 17 ft.

80.00

Same draw, course SE.; desc. 103 ft. over E. slope.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground for cor. of secs. 4, 5, 32 and 33, with brass cap
marked

T16 1/2 NR10W
S 32 | S 33
S 5 | S 4
T16N
1930

No bearing trees available.

Chains	<p>Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor. Land, rolling. Soil, sandy and rocky; 3rd rate. Timber, none. Undergrowth, scattering catclaw, sage, cactus and grass.</p> <p>-----</p> <p>N. 89°52'E., on a true line, bet. secs. 4 and 33. Over mountainous land, through scattering undergrowth. 2.90 Draw, course NE. 10.00 Leave mesa, bears NE. and SW.; desc 359 ft. over NE. slope. 15.00 Gulch, course SE. 16.55 Same gulch, course NE. 21.20 Same gulch, course SE. 23.00 Point of spur, slopes S.; desc. 204 ft. over SE. slope. 31.70 Rocky gulch, course NE.; asc. 107 ft. over steep rocky NW. slope. 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 ¼ sec. cor. of secs. 4 and 33, with brass cap marked</p> <p style="text-align: center;"> $\begin{array}{r} S33 \\ \frac{1}{4} \\ \hline S4 \\ 1930 \end{array}$ </p> <p>No bearing trees available. Asc. 559 ft. over rocky NW. slope. 64.50 Gulch, course NE.; thence over mesa. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 3, 4, 33 and 34, with brass cap marked</p> <p style="text-align: center;"> $\begin{array}{r} T16\frac{1}{2}NR10W \\ S33 S34 \\ S4 S3 \\ T16N \\ 1930 \end{array}$ </p> <p>No bearing trees available. Raise a mound of stone 4 ft. base, 2½ ft. high, W. of cor. Land, mountainous. Soil, adobe and rocky; 3rd rate. Timber, none. Undergrowth, catclaw, oak, palo cristi, mahogany and cactus.</p> <p>-----</p> <p>N. 89°52'E., on a true line, bet. secs. 3 and 34. Over mesa, through scattering undergrowth. Asc. 44 ft. over gradual NW. slope. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. of secs. 3 and 34, with brass cap marked</p> <p style="text-align: center;"> $\begin{array}{r} S34 \\ \frac{1}{4} \\ \hline S3 \\ 1930 \end{array}$ </p> <p>No bearing trees available. Raise a mound of stone, 4 ft. base, 2½ ft. high, N. of cor. Asc. 18 ft. over rolling land. 68.90 Leave mesa, bears SE. and NW.; desc. 99 ft. over NE. slope. 80.00 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, 34 and 35, with brass cap marked</p>
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Chains

T16 $\frac{1}{2}$ NR10W
 S 34 | S 35
 S 3 | S 2
 T16N
 1930

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

8.55
 23.00
 40.00

N. 89°52'E., on a true line, bet. secs. 2 and 35.
 Over mountainous land, through dense undergrowth.
 Stock trail, bears SE. and NW.
 Desc. 258 ft. over NE. slope.
 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. 2 and 35, with brass cap marked

$\frac{1}{4}$ S 35
 S 2
 1930

73.85
 80.00

No bearing trees available.
 Desc. 533 ft. over NE. slope.
 Francis Creek, 50 lks. wide, course SE.; asc. 108 ft. over rocky SW. 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. 1, 2, 35 and 36, with brass cap marked

T16 $\frac{1}{2}$ NR10W
 S 35 | S 36
 S 2 | S 1
 T16N
 1930

No bearing trees available.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, scattering sycamore and hackberry along Francis Creek.
 Undergrowth, mahogany, oak, catclaw, palo cristi, and cactus.

8.45
 19.50
 39.41

N. 89°52'E., on a true line, bet. secs. 1 and 36.
 Over mountainous land, through scattering undergrowth.
 Asc. 70 ft. over rocky SW. slope.
 U.S.L.M. No. 1685 B bears South, 9.16 chs. dist., which is a lava boulder, 3 x 3 x $1\frac{1}{2}$ ft. above ground, marked with a cross (X) USLM 1685 B on E. face, witnessed by a mound of stone NE. of cor.
 Desc. 240 ft. over rocky SE. slope.
 Spencer Creek, 100 lks. wide, course S. 3 chs. dist., to junction of Francis Creek; thence SE.
 Asc. 984 ft. over rocky SW. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor. of secs. 1 and 36, with brass cap marked

$\frac{1}{4}$ S 36
 S 1 WC
 1930

12

Survey of the North Bdy. of T. 16 N., R. 10 W.

Chains	No bearing trees available. Raise a mound of stone $\frac{1}{4}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
40.00	The true point for $\frac{1}{4}$ sec. cor. of secs. 1 and 36 falls on SW. slope of decomposed rock a place unsuitable for permanent mon.
48.42	Continue ascending over steep rocky SW. slope. Top of cliffs and rimrocks, bears N. and S. Desc. $1\frac{1}{4}$ ft. over mesa.
80.00	The cor. of Ts. 16 and $16\frac{1}{2}$ N.; Rs. 9 and 10 W., heretofore described. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, mahogany, catclaw, cactus, buckthorn and palo cristi.

Survey of Subdivisions of T.16 N., R.10 W.

<p>Chains</p> <p>40.00</p>	<p>From the cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp. which is an iron post, 2 ins. diam., projecting 10 ins. above a mound of stone, firmly set and properly marked on brass cap, unwitnessed, N.0°1'W., bet. secs. 35 and 36. Over mountainous land, through scattering undergrowth. Asc. 328 ft. over rocky SE. slope.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 35 and 36, with brass cap marked</p>											
	$\frac{1}{4}$ <table style="margin-left: auto; margin-right: auto;"> <tr><td>S35</td><td> </td><td>S36</td></tr> <tr><td colspan="3" style="text-align: center;">1930</td></tr> </table>	S35		S36	1930							
S35		S36										
1930												
<p>77.80</p> <p>80.00</p>	<p>No bearing trees available. Raise a mound of stone, 4 ft. base, 2$\frac{1}{2}$ ft. high, W. of cor. Asc. 500 ft. over SW. slope. Foot of cliff, 30 ft. high; asc. 70 ft. over SE. slope.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 25, 26, 35 and 36, with brass cap marked</p>											
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T16NR10W</td></tr> <tr><td>S26</td><td> </td><td>S25</td></tr> <tr><td>S35</td><td> </td><td>S36</td></tr> <tr><td colspan="3" style="text-align: center;">1930</td></tr> </table>	T16NR10W		S26		S25	S35		S36	1930		
T16NR10W												
S26		S25										
S35		S36										
1930												
	<p>No bearing trees available. Raise a mound of stone, 4 ft. base, 2$\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, catclaw, yucca and cactus.</p>											
<p>40.00</p> <p>79.84</p> <p>37.80</p> <p>39.92</p>	<p>S. 89°59'E., on a random line, bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec. cor. Fall 11 lks. S. of the cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp., hereinbefore described. Thence S. 89°56'W., on a true line, bet. secs. 25 and 36. Over mountainous land, through scattering timber and undergrowth. Desc. 808 ft. over rocky SW. slope. Foot of descent, thence over level land. Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 25 and 36, with brass cap marked</p>											
	$\frac{1}{4}$ <table style="margin-left: auto; margin-right: auto;"> <tr><td>S25</td><td> </td><td>S36</td></tr> <tr><td colspan="3" style="text-align: center;">1930</td></tr> </table>	S25		S36	1930							
S25		S36										
1930												
<p>41.00</p> <p>43.20</p> <p>44.70</p> <p>48.80</p> <p>71.00</p> <p>79.84</p>	<p>No bearing trees available. Raise a mound of stone, 4 ft. base, 2$\frac{1}{2}$ ft. high, N. of cor. Old log cabin, bears N. 7 chs. dist. Enter Burro Creek wash, bears SE. and NW. Burro Creek, 70 lks. wide, course SE.; asc. 992 ft. over very steep E. slope of cliffs. Top of white sandstone cliff 210 ft. high, faces E. The cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, rocky; 3rd rate. Timber, scattering sycamore, cottonwood and hackberry. Undergrowth, mahogany, catclaw, cactus and yucca.</p>											

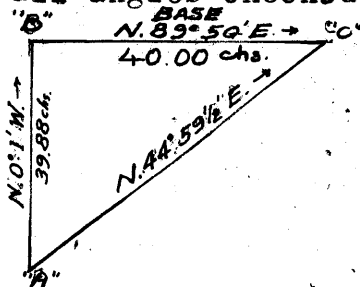
Chains N.0°1'W., bet.secs.25 and 26.
 Over mountainous land, through scattering timber and undergrowth.
 Asc.362 ft. over bluffs.
 3.20 Rocky spur slopes E. continue ascending over bluffs.
 18.80 Rim of mesa, bears NE. and SW.; thence over rolling land.
 25.10 Leave mesa, bears SE. and NW.; desc.314 ft. over NE. slope.
 39.00 Low spur, slopes E.; desc.24 ft. over NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 25 and 26, with brass cap marked

$\frac{1}{4}$
 S26 | S25
 1930

from which

A cedar, 14 ins. diam., bears S.66°E., 60 lks. dist., marked $\frac{1}{4}$ S.25 B.T.
 A cedar, 14 ins. diam., bears S.17 $\frac{1}{2}$ °W., 133 lks. dist., marked $\frac{1}{4}$ S.26 B.T.

To make a triangulation over bluffs impracticable to chain: designate the above cor. "A"; set a flag "B" ahead on line beyond foot of bluffs, the vertical angle to which is - 11°; from "B" measure a base N.89°50'E. 40.00 chs. and set flag "C" which bears N.44°59 $\frac{1}{2}$ 'E. from point "A"; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct meas. — — — —	40.00 chs.
Dist. by triangulation — — — —	39.88 "
	79.88 chs.
Dist. by direct meas. — — — —	.12 "
	80.00 chs.

Approximate topography.
 Desc.600 ft. over NE. slope of bluffs.
 61.50 Trail, bears E. and W.
 66.00 Ravine, course E.; asc.100 ft. over SE. slope.
 80.00 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. 23, 24, 25 and 26, with brass cap marked

T16NR10W
 S23 | S24
 S26 | S25
 1930

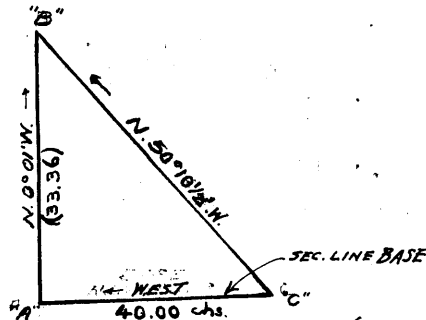
No bearing trees available.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, scattering pinon and cedar.
 Undergrowth, catclaw, cactus and grass.

Chains N. 89° 56' E., on a random line, bet. secs. 24 and 25.
 40.00 Set temp. 1/4 sec. cor.
 80.00 Fall 9 lks. N. of the cor. of secs. 19, 24, 25 and 30 on E. bdy. of Tp. hereinbefore described.
 Thence West, on a true line, bet. secs. 24 and 25. Over mountainous land, through scattering undergrowth. Desc. 40 ft. over W. slope.
 1.90 Ravine, course NW.; asc. 40 ft. over NE. slope.
 5.20 Small spur, slopes NW.; desc. 339 ft. over NW. slope.
 18.20 Enter Burro Creek, wash, bears NE. and SW.
 20.60 Burro Creek, 70 lks. wide, course SW.; thence over level land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for 1/4 sec. cor. of secs. 24 and 25, with brass cap marked.

1/4
 ———
 S24
 S25
 1930

No bearing trees available.
 41.20 Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor.
 80.00 Leave level land; asc. 482 ft. over rocky SE. slope.
 The cor. of secs. 23, 24, 25 and 26.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, scattering sycamore and cottonwood along Burro Creek.
 Undergrowth, catclaw, palo cristi, oak, cactus and yucca.

N. 0° 1' W., bet. secs. 23 and 24.
 Over mountainous land, through scattering undergrowth. To make a triangulation over bluffs impracticable to chain; designate the cor. of secs. 23, 24, 25 and 26 as point "A"; set a flag "B" ahead on line at top of bluffs; the vertical angle to which is + 21 3/4°; designate the 1/4 sec. cor. of secs. 24 and 25 as point "C" of base "A-C" on the sec. line; the flag "B" bears N. 50° 10 1/2' W.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by triangulation 33.36 chs.
 Dist. by direct meas. 6.64 "
 40.00 chs.

33.62 Rim of mesa, bears NE. and SW.; thence over rolling land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for 1/4 sec. cor. of secs. 23 and 24, with brass cap marked.

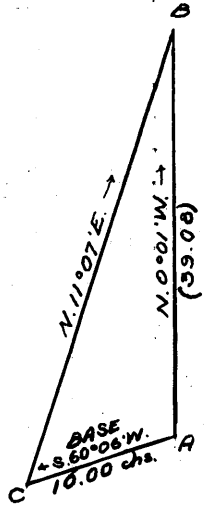
1/4
 ———
 S23 | S24
 1930

No bearing trees available.
 41.44 Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, W. of cor.
 To make a triangulation across deep canyon; designate

Chains

41.44 ch. station as point "A"; set a flag "B" ahead on line on N. side of canyon, vertical angle 34° ; from point "A" measure a base S. $60^{\circ} 6'$ W. 10.00 chs. to point "C"; point for from point "C" the flag "B" bears N. $11^{\circ} 7'$ E.; all bearings checked by direct reading of the solar, and all angles checked by deflection.

Dist. by direct meas. -----	41.44 chs.
Dist. by triangulation -----	39.08 "
	<u>80.52 chs.</u>
Dist. by return meas. -----	.52 "
	<u>80.00 chs.</u>



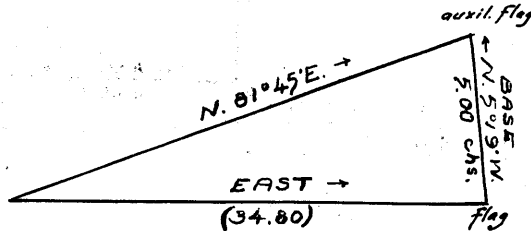
Approximate topography.

- 49.00 Rim of mesa, bears E. and W.; desc. 450 ft. over steep N. slope of cliffs.
- 58.00 Wash, 25 lks. wide, course NE.; asc. 415 ft. over rocky SE. slope.
- 80.00 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. 13, 14, 23 and 24, with brass cap marked

T16NR10W
 S14 | S13
 S23 | S24
 1930

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

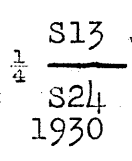
- 1.19 East, on a random line, bet. secs. 13 and 24.
 Top of precipitous bluff; vertical angle to flag on random line 17° ; auxiliary flag bears N. $81^{\circ} 45'$ E.; from flag on random line the auxiliary flag bears N. $5^{\circ} 19'$ W., 5.00 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct meas	1.19 chs.
Dist. by triangulation	34.80 "
	<u>35.99 chs.</u>

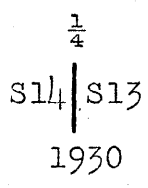
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect the cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp. hereinbefore described. Thence West, on a true line, bet. secs. 13 and 24. Over mountainous land, through scattering undergrowth. Asc. 404 ft. over E. slope.
- 39.98 Set an iron post, 3 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

Chains $\frac{1}{4}$ sec. cor. of secs. 13 and 24, with brass cap marked

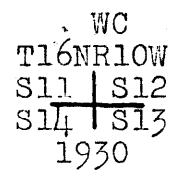


No bearing trees available.
 Asc. 375 ft. over E. slope.
 50.00 Spur, slopes SE.; desc. 150 ft. over SW. slope.
 64.97 Wash, 15 lks. wide, course SE.; asc. 550 ft. over SE. slope.
 79.96 The cor. of secs. 13, 14, 23 and 24.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw, oak, mahogany and cactus.

N. 0° 1' W., bet. secs. 13 and 14.
 Over rolling mesa land, through scattering undergrowth.
 11.30 Leave mesa, bears SE. and NW.; desc. 103 ft. over NE. slope.
 15.50 Ravine, course E.; asc. 93 ft. over SE. slope.
 22.00 Rim of mesa, bears NE. and SW.; thence over rolling land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 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.
 55.30 Leave mesa, bears N. 86° E., and N. 86° W.; desc. 30 ft. over N.
 slope.
 56.30 Desc. 789 ft. over steep N. slope of cliffs.
 78.90 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the
 ground to bedrock, supported in a mound of stone for
 witness cor. to cor. of secs. 11, 12, 13 and 14, with brass
 cap marked



from which

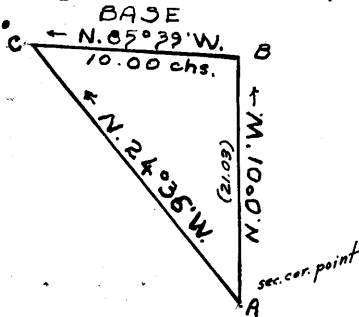
A mahogany, 3 ins. diam., bears N. 34 $\frac{1}{2}$ ° E., 14 lks. dist.,
 marked WC T16N R10W S12 BT.
 A black oak, 3 ins. diam., bears S. 25 $\frac{1}{2}$ ° E., 58 lks. dist.,
 marked WC T16N R10W S13 BT.
 A apple bush, 10 ins. diam., bears S. 22 $\frac{3}{4}$ ° W., 79 lks. dist.,
 marked WC T16N R10 W S14 BT.
 A mahogany, 4 ins. diam., bears N. 87 $\frac{1}{2}$ ° W., 49 lks. dist.,
 marked WC T16N R10W S 11 BT.
 80.00 The true point for cor. of secs. 11, 12, 13 and 14, falls in
 wash, 60 lks. wide, course E. a place impracticable to set
 permanent **mon.**
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, mahogany, and oak.
 Undergrowth, scattering catclaw, oak, cactus and yucca.

Chains From true point for cor. of secs. 11, 12, 13 and 14.
 East, on a random line, bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.28 Fall 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, on E. bdy.
 of Tp., hereinbefore described.
 Thence
 S. $89^{\circ}59'W.$, on a true line, bet. secs. 12 and 13.
 Over mountainous land, through scattering timber and undergrowth.
 Asc. 122 ft. over E. slope.
 36.30 Small spur, slopes NE.; desc. 73 ft. over NW. slope.
 39.20 Gulch, course N.; asc. 20 ft. over NE. slope.
 40.14 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 secs. 12 and 13, with brass cap marked

S12
 $\frac{1}{4}$ —————
 S13
 1930

No bearing trees available.
 Desc. 150 ft. along broken N. slope.
 73.80 Wash, 60 lks. wide, course NE.; thence along wash.
 80.28 The true point for cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, scattering pinyon and cedar.
 Undergrowth, scattering mahogany, catclaw, oak and palo
 cristi.

 From true point for cor. of secs. 11, 12, 13 and 14.
 N. $0^{\circ}1'W.$, bet. secs. 11 and 12.
 Over mountainous land, through scattering undergrowth.
 Asc. 801 ft. over bluffs.
 To make a triangulation to top of bluffs impracticable
 to chain; designate the true point for cor. of secs.
 11, 12, 13 and 14 point "A" and set a flag "C" on top
 of bluffs for point "B" and also a flag "C" on top of
 bluffs, which, from point "A" bears N. $24^{\circ}36'W.$; the base
 "BC" bears N. $85^{\circ}39'W.$, 10.00 chs. dist.; all bearings
 checked by direct reading of the solar, and all angles
 checked by deflection.



Dist. by triangulation 21.03 chs.
 21.03 Top of bluffs, bears E. and SW.
 Thence over mesa.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 11 and 12, with brass cap
 marked

$\frac{1}{4}$
 S11 | S12
 1930

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

Chains
50.00

Low rolling ridge, bears NE. and SW.; desc. 58 ft. over NE. slope.

80.00

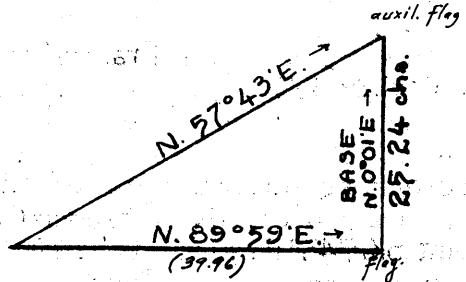
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, supported in a mound of stone for cor. of secs. 1, 2, 11 and 12, with brass cap marked

T16NR10W
S 2 | S 1
S11 | S12
1930

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

40.00

N. 89°59'E., on a random line, bet. secs. 1 and 12.
Set temp. 1/4 sec. cor.; top of precipitous bluff; vertical angle to flag on random line -4° auxiliary flag bears N. 57°43'E.; from flag on random line the auxiliary flag bears N. 0°1'E., 25.24 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct meas. 40.00 chs.
Dist. by triangulation 39.96 "
79.96 chs.

79.96

Intersect the cor. of secs. 1, 6, 7 and 12. on E. bdy. of Tp., **hereinbefore described.** Thence S. 89°59'W., on a true line, bet. secs. 1 and 12. Over mountainous land, through scattering undergrowth. Desc. 267 ft. over steep SW. slope.

20.00

Approximate dist., Francis Creek, 40 lks. wide, course SE. Asc. 451 ft. over E. slope, over slide rock and cliffs.

39.98

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. 1 and 12, with brass cap marked

S 1
1/4 —
S12
1930

48.66

No bearing trees available. Asc. 348 ft. over rocky SE. slope.

64.66

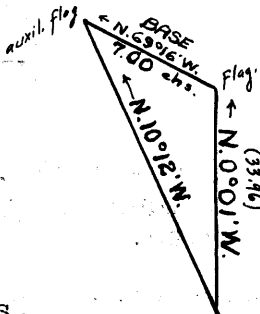
Rim of mesa, bears SE. and NW.; thence over rolling land. Wash, 10 lks. wide, course SE.; asc. 113 ft. over NE. slope.

79.96

The cor. of secs. 1, 2, 11 and 12.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, catclaw, mahogany, cactus and grass.

Chains
40.00
44.95

N.0°1'W., on a random line, bet. secs. 1 and 2.
Set temp. $\frac{1}{4}$ sec. cor.
Top of precipitous bluff; vertical angle to flag on random line -21°; auxiliary flag bears N.10°12'W.; from flag on random line the auxiliary flag bears N.69°16'W., 7.00 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct meas.	44.95 chs.
Dist. by triangulation	33.96 "
	<u>78.91 chs.</u>

78.90

Fall 9 lks. E. of the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., hereinbefore described.

Thence S.0°5'E., on a true line, bet. secs. 1 and 2.
Over mountainous land, through scattering undergrowth.
Desc. 230 ft. over rocky SW. slope.

6.00

Francis Creek, 150 lks. wide, course SE.; asc. 103 $\frac{1}{4}$ ft. over N. slope.

12.05

Intersect line 2-3 of bdy. of Francis Creek Springs Pat. Mill Site, M.S. 1685B at a point N.29°36'E., 3.29 chs. dist., from cor. No. 3 which is a lava boulder 5 x 5 x 4 ft. above ground, marked FCS 3-1685B witnessed by a mound of stone SW. of cor. Thence across patented mineral land.

15.72

Intersect line 3-4 of bdy. of Francis Creek Springs Pat. Mill Site, M.S. 1685B at a point S.67°43'E., 18 $\frac{1}{4}$ lks. dist., from cor. No. 3. Leave patented mineral land.

33.95

Rim of mesa, bears SE. and NW.; thence over rolling land.

38.90

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 2, with brass cap marked

S2 | S1
1930

53.90

Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor. Asc. 15 ft. over gradual N. slope.

72.90

Low ridge, bears E. and W.; desc. 86 ft. over gradual S. slope.

78.90

Wash, 8 lks. wide, course SE.; asc. 40 ft. over NE. slope.

The cor. of secs. 1, 2, 11 and 12.

Land, rolling and mountainous.

Soil, rocky; 3rd rate.

Timber, none.

Undergrowth, scattering oak, catclaw and mahogany.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp. which is an iron post, 2 ins. diam., projecting 10 ins. above ground, firmly set and properly marked on brass cap, witnessed by a mound of stone N. of post,

Thence N.0°1'W., bet. secs. 34 and 35.

24.10

Over mountainous land, through scattering undergrowth.

31.50

Wash, 10 lks. wide, course SE.; asc. 114 ft. over S. slope.

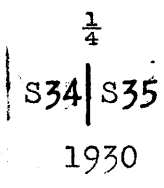
40.00

Spur, slopes SE.; desc. 25 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

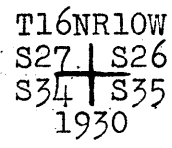
Survey of Subdivisions of T.16 N., R.10 W.

Chains

(X) at base of post, supported in a mound of stone for $\frac{1}{4}$ sec. cor. of secs. 34 and 35, with brass cap marked



No bearing trees available.
 Desc. 25 ft. over NE. slope.
 Ravine, course SE.; asc. 135 ft. over SE. slope.
 Spur, slopes E.; desc. 76 ft. over NE. slope.
 Small spur, slopes E.; desc. 135 ft. over N. slope.
 Wash, 10 lks. wide, course SE.; asc. 20 ft. over S. slope.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap marked

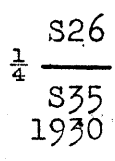


Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high W. of cor.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering mahogany, cactus and catclaw.

40.00
 80.16

 6.76
 25.16
 40.08

S. 89° 59' E., on a random line, bet. secs. 26 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 14 lks. S. of the cor. of secs. 25, 26, 35 and 36.
 Thence
 S. 89° 55' W., on a true line, bet. secs. 26 and 35.
 Over mountainous land, through scattering undergrowth.
 Asc. 201 ft. over steep SE. slope.
 Rim of cliffs, 80 ft. high, bears NE. and SW.; thence over rolling land.
 Desc. 57 ft. over gradual W. slope.
 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. 26 and 35, with brass cap marked



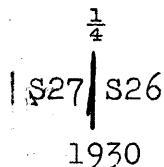
No bearing trees available.
 Desc. 123 ft. over W. slope.
 Wash, 15 lks. wide, course SW.; asc. 30 ft. along S. slope.
 The cor. of secs. 26, 27, 34 and 35.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw, oak, cactus and grass.

26.50
 40.00

N. 0° 1' W., bet. secs. 26 and 27.
 Over mountainous land, through scattering undergrowth.
 Asc. 349 ft. over S. slope.
 Rim of mesa, bears NE. and SW.; thence over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the

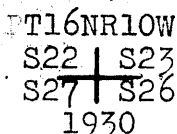
Chains

ground for $\frac{1}{4}$ sec. cor. of secs. 26 and 27, with brass cap marked



47.50
80.00

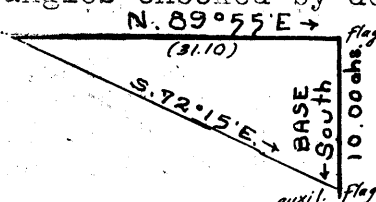
Raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Head of wash, course NW.
Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 22, 23, 26 and 27, with brass cap marked



Raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high W. of cor. Land, rolling and mountainous. Soil, clay and rocky; 3rd rates. Timber, none. Undergrowth, scattering catclaw, oak, cactus and grass.

40.00
48.88

N. $89^{\circ}55'$ E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
Top of precipitous bluff; vertical angle to flag on random line $-25\frac{1}{4}^{\circ}$; auxiliary flag bears S. $72^{\circ}15'$ E.; from flag on random line the auxiliary flag bears South, 10.00 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct meas.	48.88 chs.
Dist. by triangulation	31.10 "
	79.98 "
Dist. by direct meas	.02 "
	<u>80.00</u> "

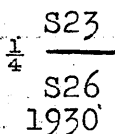
80.00

Fall 19 lks. S. of the cor. of secs. 23, 24, 25 and 26. Thence

S. $89^{\circ}47'$ W., on a true line, bet. secs. 23 and 26. Over mountainous land, through scattering undergrowth. Asc. 873 ft. over SE. slope of cliffs.

31.12
40.00

Top of bluffs; bears NE. and SW.; thence over rolling land. 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 secs. 23 and 26, with brass cap marked



No bearing trees available.

Chains
 45.19 Wash, 8 lks. wide, course NE.; asc 20 ft. over E. slope.
 72.00 Low ridge, bears SE. and NW.; desc. 10 ft. over gradual W. slope.
 80.00 The cor. of secs. 22, 23, 26 and 27.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering cactus, catclaw and oak.

10.00 N. 0° 1' W., bet. secs. 22 and 23.
 Over rolling land, through scattering undergrowth.
 40.00 Low ridge, bears SE. and NW.; desc. 70 ft. over N. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 16 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

$\frac{1}{4}$
 S22 | S23
 1930

80.00 No bearing trees available.
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap marked

T16NR10W
 S15 | S14
 S22 | S23
 1930

Raise a mound of stone, 4 ft. base 2 $\frac{1}{2}$ ft. high W. of cor.
 Land, rolling.
 Soil, sandy and clay 3rd rates.
 Timber, none.
 Undergrowth, scattering oak, catclaw and cactus.

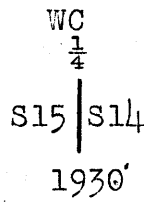
40.00 N. 89° 47' E., on a random line, bet. secs. 14 and 23.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Fall 12 lks. N. of the cor. of secs. 13, 14, 23 and 24.
 Thence
 S. 89° 52' W., on a true line, bet. secs. 14 and 23.
 Over rolling land.
 Asc. 120 ft. over SE. slope.
 2.00 Rim of mesa, bears NE. and SW.; thence over mesa.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground deposit a stone marked with a cross (X) at base of post, for $\frac{1}{4}$ sec. cor. of secs. 14 and 23, with brass cap marked

$\frac{1}{4}$ S14
 S23
 1930

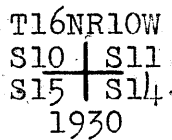
from which

80.10 An oak, 4 ins. diam., bears N. 34° E., 203 lks. dist., marked $\frac{1}{4}$ S 14 B T.
 No other bearing trees available.
 The cor. of secs. 14, 15, 22 and 23.
 Land, rolling.
 Soil clay; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw, oak, cactus and sage.

Chains N.0°1'W., bet. secs. 14 and 15.
 Over rolling land, through scattering undergrowth.
 Desc. 112 ft. over gradual NW. slope.
 39.44 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
 ground for witness cor. to $\frac{1}{4}$ sec. cor. of secs. 14 and 15,
 with brass cap marked

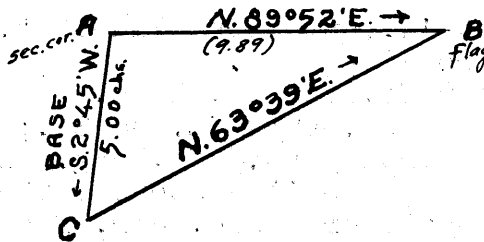


40.00 Raise a mound of stone, 4 ft. base, 2 1/2 ft. high W. of cor.
 The true point for $\frac{1}{4}$ sec. cor. of secs. 14 and 15, falls
 in wash a place impracticable to set permanent mon.
 40.20 Wash, 30 lks. wide, (water in pools) course NE.; asc. 60 ft.
 over SE. slope.
 47.00 Desc. 108 ft. along E. slope.
 79.50 Cliff, 15 ft. high, bears SE. and NW.
 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. 10, 11, 14 and 15, with brass cap marked



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

N. 89°52'E., on a random line, bet. secs. 11 and 14.
 To make a triangulation across box canyon impracticable
 to chain: designate cor. of secs. 10, 11, 14 & 15 as point "A" and set a
 flag "B" on opposite side of canyon; vertical angle from point
 "A" to flag "B" is 5°; from "A" measure a base S. 2°45'W., 5.00
 chs. dist. to point designated "C" from which flag "B" bears
 N. 63°39'E.; all bearings checked by direct reading of
 the solar and all angles checked by deflection.



Dist. by triangulation 9.89 chs.
 Dist. by direct meas. 30.11 "
 40.00 chs.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Fall 14 lks. N. of the true point for cor. of secs. 11, 12,
 13 and 14.
 Thence
 S. 89°58'W., on a true line, bet. secs. 11 and 14.
 Over mountainous land, through scattering undergrowth.
 asc. along wash.
 1.50 Leave wash, course E.
 3.30 Same wash, 50 lks. wide, course NE.; asc 133 ft. over SE. slope.

Survey of Subdivisions of T.16 N.,R.10 W.

Chains

9.30
14.00

Small spur, slopes S.; desc. 93 ft. over SW. slope.
Bend in same wash, course SE, from SW.; asc. 137 ft. over SE. slope.

26.00
40.05

Spur, slopes S.; desc. 18 ft. over SW. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 11 and 14, with brass cap marked

S11
 $\frac{1}{4}$
S14
1930

54.00

Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor. Thence along S. slope.
Same wash, 60 lks. wide, course SE.; asc. 565 ft. over rocky NE. slope.

70.44

Point of rocky spur, slopes N.; desc. approximate 400 ft. over NW. slope into canyon.

75.00

Wash, 20 lks. wide, in canyon, course N. asc. 300 ft. over E. slope.

80.10

The cor. of secs. 10, 11, 14 and 15.
Land, mountainous.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, scattering catclaw, oak, mahogany and cactus.

N. 0° 1' W., bet. secs. 10 and 11.
Over mountainous land, through scattering undergrowth.
Desc. 250 ft. over rocky NE. slope.

20.00

Wash, 20 lks. wide, course NE.

30.00

Wash, 60 lks. wide, course SE. asc. 200 ft. over rocky SW. 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. 10 and 11, with brass cap marked

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

41.50

No bearing trees available.
Spur, slopes E.; desc. 40 ft. over NW. slope.

48.20

Ravine, course W.; asc. 39 ft. over SW. slope.

56.50

Spur, slopes W.; desc. 63 ft. over NW. slope.

74.40

Ravine, course SW.; asc. 66 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. 2, 3, 10 and 11, with brass cap marked

T16NR10W
S 3 | S 2
S10 | S11
1930

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

Chains N.89°58'E., on a random line, bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Fall 23 lks. S. of the cor. of secs. 1, 2, 11 and 12.
 Thence
 S.89°48'W., on a true line, bet. secs. 2 and 11.
 Over rolling land, through scattering undergrowth.
 Desc. 28 ft. over SW. slope.
 37.74 Trail.
 40.07 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. 2 and 11, with brass cap marked

S 2
 $\frac{1}{4}$ ———
 S11
 1930

No bearing trees available.
 Desc. 78 ft. over SW. slope.
 43.44 Head of ravine, course NW.
 48.04 Same ravine, course SW.
 58.14 Reservoir, bears S. about 10 chs. dist.; desc. 102 ft. over SW. slope.
 74.14 Stock trail, bears SE. and NW.
 80.14 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling.
 Soil, clay and sandy; 3rd rates.
 Timber, none.
 Undergrowth, scattering oak, catclaw, cactus and grass.

 N.0°1'W., on a random line, bet. secs. 2 and 3.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.99 Fall 15 lks. E. of the cor. of secs. 2, 3, 34 and 35 on N. bdy. of Tp. ~~hereinbefore described.~~
 Thence
 S.0°7'E., on a true line, bet. secs. 2 and 3.
 over mountainous land, through scattering undergrowth.
 Asc. 146 ft. over steep rocky N. slope.
 5.89 Rim of mesa, bears E. and W.; thence over rolling land.
 38.99 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.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Desc. 129 ft. over gradual S. slope.
 39.09 Wire fence, bears NE. and SW.
 78.99 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling and mountainous.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering, cactus, catclaw, oak, mahogany and grass.

 From the cor. of secs. 3, 4, 33 and 34 on S. bdy. of Tp, which is an iron post, 2 ins. diam., projecting 10 ins. above ground, firmly set, properly marked, ^{on of brass cap} witnessed by a mound of stone W. of cor.

Chains

N.0°2'W., bet. secs. 33 and 34.
 Over rolling land, through scattering undergrowth.
 Asc. 96 ft. over SW. slope.
 Rim of mesa, bears SE. and NW.; asc. 110 ft. over SW. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 33 and 34, with brass
 cap marked

9.00
40.00

$\frac{1}{4}$
 S33 | S34
 1930

Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Desc. 25 ft. over gradual N. slope.
 Wash, 5 lks. wide, course NW.
 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 marked

54.88
80.00

T16NR10W
 S28 | S27
 S33 | S34
 1930

Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering catclaw, cactus, oak and yucca.

S. 89°59'E., on a random line, bet. secs. 27 and 34.
 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 21 lks. S. of the cor. of secs. 26, 27, 34 and 35.
 Thence
 S. 89°52'W., on a true line, bet. secs. 27 and 34.
 Over mountainous land, through scattering undergrowth.
 Asc. S. slope.
 Wash, 8 lks. wide, course SE.; asc. 336 ft. over NE. slope.
 Rim of mesa, bears N. and S.; thence over rolling land.
 Low ridge, bears NE. and SW.; desc. 18 ft. over W. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 27 and 34, with brass
 cap marked

40.00
80.04

6.04
24.74
31.54
40.02

S27
 $\frac{1}{4}$ ———
 S34
 1930

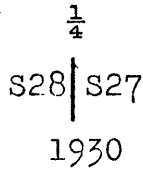
Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
 Desc. 90 ft. over gradual W. slope.
 The cor. of secs. 27, 28, 33 and 34.
 Land, rolling and mountainous.
 Soil, clay; 3rd rate.
 Timber, none.
 Undergrowth, scattering cactus, catclaw, oak and grass.

80.04

Chains

9.80
40.00

N.0°2'W., bet. secs. 27 and 28.
Over rolling mesa land, through scattering undergrowth.
Wash, 10 lks. wide, course NE.
Set an iron post, 3 ft. long, 1 in. diam., 16 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. 27 and 28, with brass cap marked



58.00
80.00

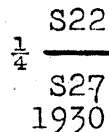
No bearing trees available.
Wash, 10 lks. wide, course NE.
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the
ground for cor. of secs. 21, 22, 27 and 28, with brass cap
marked.



Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
Land, rolling.
Soil, clay and sandy; 3rd rates.
Timber, none.
Undergrowth, scattering catclaw, cactus and grass.

40.00
80.00

N.89°52'E., on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect the cor. of secs. 22, 23, 26 and 27.
Thence
S.89°52'W., on a true line, bet. secs. 22 and 27.
Over rolling mesa land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor. of secs. 22 and 27, with brass
cap marked

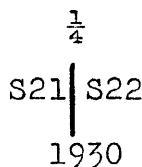


71.80
80.00

Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
Wash, 15 lks. wide, course NE.
The cor. of secs. 21, 22, 27 and 28.
Land, rolling.
Soil, clay and rocky; 3rd rates.
Timber, none.
Undergrowth, scattering catclaw, cactus and yucca.

40.00

N.0°2'W., bet. secs. 21 and 22.
Over rolling mesa land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground for $\frac{1}{4}$ sec. cor. of secs. 21 and 22, with brass cap
marked



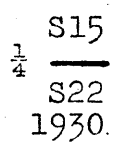
Survey of Subdivisions of T.16 N., R.10 W.

Chains
 55.50 Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor.
 66.50 Wash, 10 lks. wide, course NE.
 71.50 SE. cor. of wire corral, bears W. 8 chs. dist.
 80.00 NE. cor. of wire corral, bears W. 8 chs. dist.
 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
 ground for cor. of secs. 15, 16, 21 and 22, with brass cap
 marked



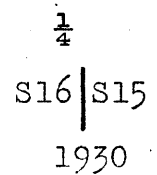
Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering catclaw, oak, cactus and grass.

40.00 N. 89°52'E., on a random line, bet. secs. 15 and 22.
 Set temp. ¼ sec. cor.
 80.06 Intersect the cor. of secs. 14, 15, 22 and 23.
 Thence
 S. 89°52'W., on a true line, bet. secs. 15 and 22.
 Over rolling mesa, through scattering undergrowth.
 Desc. 35 ft. over NW. slope.
 17.56 Wash, 8 lks. wide, course NE.; asc. 12 ft. over NE. slope.
 25.00 Small flat spur, slopes NE.; desc. 45 ft. over gradual NW.
 slope.
 40.03 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 ¼ sec. cor. of secs. 15 and 22, with brass cap marked



No bearing trees available.
 Desc. 15 ft. over gradual NW. slope.
 41.86 Wash, 20 lks. wide, course NE.; asc. 40 ft. over gradual E.
 slope.
 80.06 The cor. of secs. 15, 16, 21 and 22.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering catclaw, oak, cactus and grass.

N. 0°2'W., bet. secs. 15 and 16.
 Over rolling mesa, through scattering undergrowth.
 Desc. 35 ft. over gradual N. slope.
 27.50 Wash, 15 lks. wide, course NE.; center of earth and rock dam,
 bears W. 3.50 chs. dist.
 Asc. 20 ft. over gradual S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for ¼ sec. cor. of secs. 15 and 16, with brass cap
 marked



Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of cor.
 Desc. 40 ft. over gradual N. slope.

Chains
78.00 Wash, 5 lks. wide, course NE.
80.00 Set an iron post, 3 ft. long, 2 ins. 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 cor. of secs. 9, 10, 15 and 16, with brass cap marked

T16NR10W
S 9 | S10
S16 | S15
1930

No bearing trees available.
Land, rolling.
Soil, clay and rocky; 3rd rates.
Timber, none.
Undergrowth, scattering catclaw, cactus and grass.

40.00 N. 89°52'E., on a random line, bet. secs. 10 and 15.
80.14 Set temp. $\frac{1}{4}$ sec. cor.
Fall 12 lks. N. of the cor. of secs. 10, 11, 14 and 15.
Thence
S. 89°57'W., on a true line, bet. secs. 10 and 15.
Over rolling mesa land, through scattering undergrowth,
Asc. 40 ft. over E. slope.
.94 Rim of canyon, bears N. and S.
12.64 Rim of mesa, bears NE. and SW.; desc. 58 ft. over W. slope.
17.14 Wash, 10 lks. wide, course N.; asc. 30 ft. over NE. slope.
24.94 Small spur, slopes N.
25.34 Rim of canyon, bears N. and S.; desc. 110 ft. over steep W. slope.
27.94 Wash, 15 lks. wide, (water in pools) course NE.; asc. 110 ft. over steep E. slope.
30.34 Rim of Box Canyon, bears N. and S.; asc. 60 ft. over E. slope.
40.07 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

S10
 $\frac{1}{4}$ ———
S15
1930

68.16 No bearing trees available.
76.34 Asc. 70 ft. over gradual NE. slope.
80.14 Small spur, slopes NE.
Wash, 8 lks. wide, course NE.
The cor. of secs. 9, 10, 15 and 16.
Land, rolling.
Soil, rocky; 3rd rate.
Timber, none.
Undergrowth, scattering, oak, catclaw, cactus and yucca.

15.00 N. 0°2'W., bet. secs. 9 and 10.
Over rolling mesa land, through scattering undergrowth.
Low rolling ridge, bears NE. and SW.; desc. 35 ft. over gradual N. slope.
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 $\frac{1}{4}$ sec. cor. of secs. 9 and 10, with brass cap marked

$\frac{1}{4}$
S9 | S10
1930

Survey of Subdivisions of T.16 N., R.10 W.

Chains	No bearing trees available. Desc. 25 ft. over gradual N. slope.
44.80	Wash. 20 lks. wide, course NE.; asc. 15 ft. over S. slope.
50.00	Small rolling spur, bears NE. and SW.
62.00	Small earth and rock dam, bears E. 4 chs. dist. Desc. 20 ft. over N. slope.
66.50	Wash. 5 lks. wide, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap marked
	T16NR10W S 4 S 3 S 9 S 10 1930
	Raise a mound of stone, 4 ft. base, 2½ ft. high W. of cor. Land, rolling. Soil, rocky; 3rd rate. Timber, none. Undergrowth, scattering catclaw, cactus and grass.

40.00	N. 89° 57' E., on a random line, bet. secs. 3 and 10. Set temp. ¼ sec. cor.
80.04	Fall 16 lks. S. of the cor. of secs. 2, 3, 10 and 11. Thence S. 89° 50' W., on a true line, bet. secs. 3 and 10. Over rolling land, through scattering undergrowth. Desc. 51 ft. over SW. slope.
8.94	Ravine, course SE.; asc. 85 ft. over NE. slope.
15.69	Trail, bears NE. and SW.
16.01	Wire fence, bears N. 22° E., and S. 12° W.
37.14	Rim of mesa, bears S. 80° E., and N. 80° W.
40.02	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground for ¼ sec. cor. of secs. 3 and 10, with brass cap marked
	S 3 ¼ ——— S 10 1930
	Raise a mound of stone, 4 ft. base, 2½ ft. high, N. of cor. Desc. 97 ft. over SW. slope.
47.58	Ravine, course SE.; asc. 139 ft. over SE. slope.
67.94	Trail, bears NE. and SW.
80.04	The cor. of secs. 3, 4, 9 and 10. Land, rolling. Soil, clay; 3rd rate. Timber, none. Undergrowth, scattering catclaw, palo cristi, oak and grass.

	N. 0° 2' W., on a random line, bet. secs. 3 and 4. Set temp. ¼ sec. cor.
40.00	Fall 23 lks. E. of the cor. of secs. 3, 4, 33 and 34 on N. bdy. of Tp. hereinbefore described.
78.99	Thence S. 0° 12' E., on a true line, bet. secs. 3 and 4. Over rolling mesa land, through scattering undergrowth.
13.00	Asc. 34 ft. over rocky N. slope.
16.60	Top of knoll, bears E. and W.; desc. 57 ft. over gradual S. slope.
38.99	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. of secs. 3 and 4, with brass cap marked

Chains	$\frac{1}{4}$
	S4 S3
	1930
78.99	Raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Desc. 99 ft. over gradual S. slope. The cor. of secs. 3, 4, 9 and 10. Land, rolling. Soil, clay; 3rd rate. Timber, none. Undergrowth, scattering oak, catclaw, cactus and grass.

	From the cor. of secs. 4, 5, 32 and 33 on S. bdy. of Tp. which is an iron post, 2 ins. diam., projecting 14 ins. above ground, firmly set, properly marked on brass cap, witnessed by a mound of stone W. of cor.
	N. $0^{\circ}2'W.$, bet. secs. 32 and 33. Over mountainous land, through scattering undergrowth. Desc. 25 ft. over N. slope.
.52	Head of ravine, course NE.; asc. 50 ft. along E. slope.
15.00	Spur, slopes NE.; desc. 240 ft. over N. slope.
31.32	Gulch, course E.; asc. 251 ft. over S. 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 a cross (X) at base of post, supported in a mound of stone for $\frac{1}{4}$ sec. cor. of secs. 32 and 33, with brass cap marked
	$\frac{1}{4}$
	S32 S33
	1930
40.50	No bearing trees available. Spur, slopes E.; desc. 240 ft. over NE. slope.
56.92	Salt Creek, 50 lks. wide, course SE.; asc. 533 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap marked
	T16NR10W
	S29 S28
	S32 S33
	1930
	Raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, rocky; 3rd rate. Timber, none. Undergrowth, scattering catclaw, mahogany, oak and cactus.

40.00	S. $89^{\circ}59'E.$, on a random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Fall 14 lks. S. of the cor. of secs. 27, 28, 33 and 34. Thence S. $89^{\circ}55'W.$, on a true line, bet. secs. 28 and 33. Over rolling land, through scattering undergrowth.
2.00	Wash, 5 lks. wide, course NE.
38.50	Wash, 5 lks. wide, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 28 and 33, with brass cap marked

Survey of Subdivisions of T.16 N., R.10 W.

Chains	$\frac{1}{4}S28$ $\frac{1}{4}S33$ 1930 Raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor. Asc. 92 ft. over gradual E. slope. 67.00 Rim of mesa, bears SE. and NW. Desc. 238 ft. over SW. slope. 80.00 The cor. of secs. 28, 29, 32 and 33. Land: rolling and mountainous. Soil: rocky, 3rd rate. No timber. Undergrowth: scattering catclaw, cactus, yucca and grass.
	----- N. 0° 02' W., bet. secs. 28 and 29. Over mountainous land; through scattering undergrowth. Asc. 262 ft. over SW. slope. 7.40 Rim of mesa, bears SE. and NW. Thence over rolling mesa land. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, deposit a stone marked with cross (X) at base of post, supported in a mound of stone, for $\frac{1}{4}$ sec. cor. of secs. 28 and 29, with brass cap marked $\frac{1}{4}$ $S29 S28$ 1930 No bearing trees available. Desc. 25 ft. over gradual N. slope. 64.50 Wash, 3 lks. wide, course SE. Asc. 32 ft. over gradual S. slope. 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 in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with brass cap marked $T16NR10W$ $S20 S21$ $S29 S28$ 1930 No bearing trees available. Land: rolling and mountainous. Soil: clay and rocky, 3rd rate. No timber. Undergrowth: scattering cactus, yucca and grass.
	----- N. 39° 55' E., on a random line, bet. secs. 21 and 28. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 79.90 Fall 5 lks. N. of the cor. of secs. 21, 22, 27 and 28. Thence S. 39° 57' W., on true line, bet. secs. 21 and 28. Over rolling mesa land; through scattering undergrowth. 20.00 Low ridge, bears NE. and SW. Desc. 30 ft. over gradual W. slope. 30.00 Small dam, bears N.; 7.00 chs. dist. 36.30 Wash, 10 lks. wide, course NE. 39.95 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 21 and 28, with brass cap marked $\frac{1}{4}S21$ $\frac{1}{4}S28$ 1930

Survey of Subdivisions of T.16 N., R.10 W.

Chains
79.90 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
Asc. 55 ft. over gradual E. slope.
The cor. of secs. 20, 21, 22 and 29.

Land: rolling. Soil: clay and rocky, 3rd rate.
Timber: none.
Undergrowth: scattering yucca, cactus and grass.

40.00 N.0°02'W., bet. secs. 20 and 21.
Over rolling mesa land; through scattering undergrowth.
Desc. 30 ft. over gradual N. slope.
Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground to bedrock, deposit a stone marked with cross (X)
at base of post, supported in a mound of stone for $\frac{1}{4}$ sec.
cor. of secs. 20 and 21, with brass cap marked

S20 | S21
1930

51.80 No bearing trees available.
Wash, 10 lks. wide, course SE.; desc. gradual N. slope 25 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the
ground to bedrock, deposit a stone marked with cross (X)
at base of post, supported in a mound of stone for cor.
of secs. 16, 17, 20 and 21, with brass cap marked

T16NR10W
S17 | S16
S20 | S21
1930

No bearing trees available.
Land: rolling. Soil: clay and rocky, 3rd rate.
Timber: none. Undergrowth: scattering cactus and grass.

40.00 N.89°57'E., on a random line, bet. secs. 16 and 21.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Fall 12 lks. S. of the cor. of secs. 15, 16, 21 and 22.
Thence

S.89°52'W., on a true line, bet. secs. 16 and 21.
Over rolling mesa land; through scattering undergrowth.

39.98 Set an iron post, 3 ft. long, 1 in. diam.; 14 ins. in the
ground to bedrock, deposit a stone marked with cross (X)
at base of post, supported in a mound of stone, for $\frac{1}{4}$
sec. cor. of secs. 16 and 21, with brass cap marked

S16
S21
1930

No bearing trees available.

50.10 Wash, 10 lks. wide, course SE.

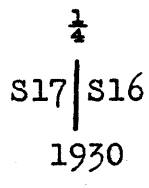
51.00 Wash, 20 lks. wide, course NE.

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

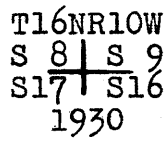
Land: rolling.
Soil: clay and rocky, 2nd rate.
Timber: none.
Undergrowth: scattering cactus, yucca and grass.

Survey of Subdivisions of T.16 N., R.10 W.

Chains N.0°2'W., bet.secs.16 and 17.
 Over rolling mesa land, through scattering undergrowth.
 Desc.25 ft.over gradual N.slope.
 11.00 Wash, 15 lks.wide, course SE.; asc.25 ft.over gradual S.
 slope.
 25.00 Low ridge, bears E.and W.; desc.30 ft.over gradual N.slope.
 40.00 Set an iron post, 3 ft.long, 1 in.diam., 16 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.16 and 17, with brass cap marked

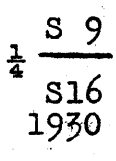


No bearing trees available.
 42.20 Wash, 5 lks.wide, course NE.; desc.30 ft.over gradual NE.
 slope.
 80.00 Set an iron post, 3 ft.long, 2 ins.diam., 16 ins.in the
 ground to bedrock, deposit a stone marked with a cross
 (X) at base of post, supported in a mound of stone for
 cor.of secs.8, 9, 16 and 17, with brass cap marked



No bearing trees available.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering cactus, catclaw, yucca and grass.

40.00 N.89°52'E., on a random line, bet.secs.9 and 16.
 Set temp. $\frac{1}{4}$ sec.cor.
 79.96 Fall 2 lks.N.of the cor.of secs.9, 10, 15 and 16.
 Thence
 S.89°53'W., on a true line, bet.secs.9 and 16.
 Over rolling mesa land, through scattering undergrowth.
 Asc.51 ft.over gradual NE.slope.
 39.98 Set an iron post, 3 ft.long, 1 in.diam., 16 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.9 and 16, with brass cap marked



No bearing trees available.
 Desc.23 ft.along S.side of wash.
 75.00 Bend in same wash, from NW.; course NE.
 79.96 The cor.of secs.8, 9, 16 and 17.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering catclaw, cactus, oak, yucca and grass.

Chains N.0°2'W., bet. secs. 8 and 9.
 Over rolling mesa land, through scattering undergrowth.
 1.00 Draw, 150 lks. wide, course E.
 2.30 Trail, bears E. and W.
 25.95 Trail, bears SE. and NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 8 and 9, with brass cap
 marked

$\frac{1}{4}$
 s8 | s9
 1930

57.50 No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 80.00 Drain, course E.; asc. 34 ft. over gradual S. 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. 4, 5, 8 and 9, with brass cap marked

T16NR10W
 S 5 | S 4
 S 8 | S 9
 1930

No bearing trees available.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering catclaw, cactus and grass.

40.00 N. 89°53'E., on a random line, bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Fall 12 lks. S. of the cor. of secs. 3, 4, 9 and 10.
 Thence
 S. 89°48'W., on a true line, bet. secs. 4 and 9.
 Over rolling mesa land, through scattering undergrowth.
 Asc. 123 ft. over gradual S. slope.
 25.00 Bend in wash, 20 lks. wide, course SE., from SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 4 and 9, with brass cap
 marked

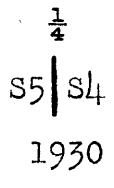
S 4
 $\frac{1}{4}$ ———
 S 9
 1930

80.00 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
 Asc. 48 ft. over gradual S. slope.
 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling.
 Soil, clay and rocky; 3rd rates.
 Timber, none.
 Undergrowth, scattering catclaw, oak, cactus and grass.

40.00 N. 0°2'W., on a random line, bet. secs. 4 and 5.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.07 Fall 7 lks. E. of the cor. of secs. 4, 5, 32 and 33, on N. bdy.
 of Tp., hereinbefore described.

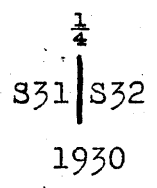
Chains

Thence
 S.0°5'E., on a true line, bet. secs. 4 and 5.
 Over rolling mesa land, through scattering undergrowth.
 Asc. 40 ft. over NE. slope.
 2.07 Draw, 200 lks. wide, course NE.
 27.07 Draw, 100 lks. wide, course E.
 38.57 Ravine, course NE.
 39.07 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 secs. 4 and 5, with brass cap marked

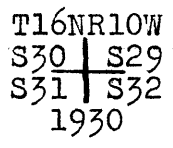


79.07 No bearing trees available.
 Asc. 61 ft. over gradual NW. slope.
 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling mesa.
 Soil, clay and rocky; 3rd and 4th rates.
 Timber, none.
 Undergrowth, scattering oak, catclaw, cactus and grass.

From the cor. of secs. 5, 6, 31 and 32 on S. bdy. of Tp. which
 is an iron post, 2 ins. diam., projecting 30 ins. above
 a mound of stone, firmly set and properly marked on
 brass cap, dated 1926, unwitnessed.
 N.0°3'W., bet. secs. 31 and 32.
 Over mountainous land, through dense undergrowth.
 Desc. 112 ft. over N. slope.
 4.60 Ravine, course NW.; asc. 133 ft. over SW. slope.
 10.00 Spur, slopes NW.; desc. 296 ft. along W. slope.
 40.00 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 secs. 31 and 32, with brass cap marked



53.00 No bearing trees available.
 The 58th mile ~~mon.~~ on Mohave and Yavapai County Line, bears
 N.79°48'E., 22.00 chs. dist., which is a granite stone,
 24 x 14 x 12 ins. above ground, marked with a cross (X)
 on top of ~~stone~~ M on W. face, Y on E. face, and 58-1908 on N.
 face, set in a mound of stone.
 Desc. 91 ft. over NW. slope.
 59.50 Wash; 25 lks. wide, course NE.; asc. 30 ft. over S. slope.
 73.30 Spur, slopes E.; desc. 103 ft. over gradual NE. slope.
 80.00 Salt Creek, 35 lks. wide, course SE.; asc. 70 ft. over SW. slope.
 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. 29, 30, 31 and 32, with brass cap marked



No bearing trees available.
 Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, none.
 Undergrowth, mahogany, catclaw, laurel, sage, yucca and cactus.

Chains	S.89°59'E., on a random line, bet. secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Fall 7 lks. S. of the cor. of secs. 28, 29, 32 and 33.
	Thence
	S.89°58'W., on a true line, bet. secs. 29 and 32.
	Over mountainous land, through scattering undergrowth.
	Desc. 183 ft. over SW. slope.
15.86	Thence along S. slope.
38.16	Spur, slopes S.; desc. 20 ft. over SW. slope.
39.93	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 $\frac{1}{4}$ sec. cor. of secs. 29 and 32, with brass cap marked
	$\begin{array}{r} S29 \\ \frac{1}{4} \\ \hline S32 \\ 1930 \end{array}$
	No bearing trees available.
46.16	Head of spring in Salt Creek, bears S. 15 chs. dist.
48.16	Stone corral, bears S. 14.00 chs. dist.
	Desc. 216 ft. over SW. slope.
57.36	Wash, 10 lks. wide, course SE.; asc. 50 ft. over S. slope.
69.86	Same wash, 10 lks. wide, course S. asc. 30 ft. over SE. slope.
78.86	Small spur, slopes S.; desc. 10 ft. over SW. slope.
79.86	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous.
	Soil, rocky; 3rd rate.
	Timber, none.
	Undergrowth, scattering mahogany, catclaw, cactus and yucca.

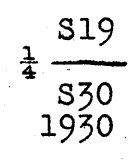
	N.89°59'W., on a random line, bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.24	Fall 2 lks. S. of the true point for cor. of secs. 30 and 31 on W. bdy. of Tp., described in Book "A" of this group.
	Thence
	S.89°58'E., on a true line, bet. secs. 30 and 31.
	Over mountainous land through scattering undergrowth.
.94	Wash, 10 lks. wide, course NE.
5.74	Wash, 8 lks. wide, course NE.; thence along N. slope.
14.24	Small spur, slopes N.; desc. 43 ft. over gradual NE. slope.
34.24	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. 30 and 31, with brass cap marked
	$\begin{array}{r} S30 \\ \frac{1}{4} \\ \hline S31 \\ 1930 \end{array}$
	No bearing trees available.
47.74	Wash, 20 lks. wide, course SE.; thence along S. slope.
57.24	Desc. 54 ft. over SE. slope.
65.84	Salt Creek, 25 lks. wide, course SE.; asc. 50 ft. over SW. slope.
74.24	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous.
	Soil, clay and rocky; 3rd and 4th rates.
	Timber, none.
	Undergrowth, scattering mahogany, catclaw and oak.

Chains	N.0°3'W., bet. secs. 29 and 30. Over mountainous land through scattering undergrowth. Asc. 537 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 29 and 30, with brass cap marked
	$\frac{1}{4}$ S30 S29 1930
	Raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high W. of cor. The 57th, mile mon. on Mohave and Yavapai County Line, bears N.80°59'E., 22.15 chs. dist., which is a lava stone. 30 x 18 x 10 ins. above ground, marked M on W. face, Y on E. face and 57-1908 on N. face, set in a mound of stone.
43.40	Asc. 105 ft. over SW. slope. Rim of mesa, bears SE. and NW.; thence over rolling mesa land.; asc. 15 ft.
60.00	Low ridge, bears SE. and NW.; desc. 25 ft. over N. 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. 19, 20, 29 and 30, with brass cap marked
	T16NR10W S19 S20 S30 S29 1930
	No bearing trees available. Land, rolling and mountainous. Soil, clay and rocky; 3rd rate. Timber, none. Undergrowth, scattering mahogany, catclaw, oak and cactus.

40.00	N.89°58'E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Fall 5 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence S.89°56'W., on a true line, bet. secs. 20 and 29. Over rolling mesa land, through scattering undergrowth. Desc. 12 ft. over gradual SW. slope.
9.60	Wash, 10 lks. wide, course SE. asc. 25 ft. over gradual NE. slope.
39.98	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 secs. 20 and 29, with brass cap marked
	S20 $\frac{1}{4}$ ——— S29 1930
53.50	No bearing trees available. Wash, 10 lks. wide, course NE.; asc. 75 ft. over gradual E. slope.
79.96	The cor. of secs. 19, 20, 29 and 30. Land, rolling. Soil, clay and rocky; 3rd and 4th rates. Timber, none. Undergrowth, scattering cactus, yucca and grass.

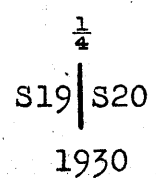
Survey of Subdivisions of T.16 N., R.10 W.

Chains N.89°58'W., on a random line, bet. secs.19 and 30.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 74.07 Fall 13 lks. N. of the true point for cor. of secs.19 and 30
 on W. bdy. of Tp., described in Book "A" of this group.
 Thence
 N.89°56'E., on a true line, bet. secs.19 and 30.
 Over mountainous land, through scattering undergrowth.
 Asc. 506 ft. over steep rocky SW. slope.
 26.11 Rim of mesa, bears SE. and NW.; thence over rolling mesa
 land.
 34.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs.19 and 30, with brass cap
 marked

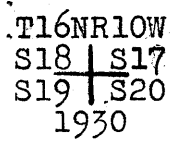


Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high N. of cor.
 No bearing trees available.
 Desc. 35 ft. over gradual E. slope.
 58.07 Wash, 5 lks. wide, course NE..
 74.07 The cor. of secs.19, 20, 29 and 30.
 Land, rolling and mountainous.
 Soil clay; 3rd rate.
 Timber, none.
 Undergrowth, scattering cactus, catclaw, yucca and grass.

N.0°3'W., bet. secs.19 and 20.
 Over rolling mesa land, through scattering undergrowth.
 Desc. 40 ft. over gradual N. slope.
 11.00 Wash, 8 lks. wide, course NE.; asc. 20 ft. over S. slope.
 25.00 Low ridge, bears E. and W.; desc. 40 ft. over gradual N. slope.
 40.00 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.19 and 20, with brass cap marked



No bearing trees available.
 The 56th, mile mon. on Mohave and Yavapai County Line,
 bears N.83°23'E., 22.20 chs. dist., which is an old mound
 of stone.
 Desc. 20 ft. over gradual N. slope.
 45.80 Wash, 20 lks. wide, course SE.; asc. 53 ft. over S. slope.
 63.00 Top of low ridge, bears E. and W.; desc. 25 ft. over N. slope.
 74.00 Wash, 10 lks. wide, course SE.; asc. 25 ft. over S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 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.17, 18, 19 and 20, with brass cap marked



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

Survey of Subdivisions of T.16 N., R.10 W.

Chains N.89°56'E., on a random line, bet. secs.17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Fall 9 lks. N. of the cor. of secs.16,17,20 and 21.
 Thence
 West, on a true line, bet. secs.17 and 20.
 14.00 Over rolling mesa land, through scattering undergrowth.
 Wash, 10 lks. wide, course NE.; asc. 56 ft. over gradual SE.
 slope.
 39.95 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.17 and 20, with brass cap marked

$\frac{1}{4}$ $\frac{S17}{S20}$
 1930

79.90 No bearing trees available.
 Asc. 93 ft. over gradual SE. slope.
 The cor. of secs.17,18,19 and 20.
 Land, rolling.
 Soil, clay; 2nd rate.
 Timber, none.
 Undergrowth, scattering catclaw, cactus, yucca and grass.

40.00 S.89°56'W., on a random line, bet. secs.18 and 19.
 73.95 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 9 lks. S. of the cor. of secs.18 and 19, on W. bdy. of Tp.
 described in Book "A" of this Group. Thence
 East, on a true line, bet. secs.18 and 19.
 Over rolling mesa land, through scattering undergrowth.
 Desc. 30 ft. over gradual E. slope.
 33.95 Set an iron post, 3 ft. long, 1 in. diam., 16 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.18 and 19, with brass cap marked

$\frac{1}{4}$ $\frac{S18}{S19}$
 1930

56.65 No bearing trees available.
 73.95 Desc. 25 ft. over gradual E. slope.
 Wash, 10 lks. wide, course SE.
 The cor. of secs.17,18,19 and 20.
 Land, rolling.
 Soil, clay and rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw, cactus, yucca and grass.

24.00 N.0°3'W., bet. secs.17 and 18.
 Over rolling mesa land, through scattering undergrowth.
 Asc. 25 ft. over gradual SE. slope.
 Top of rimrocks, 25 ft. high, bears SE. and NW.
 40.00 Desc. 145 ft. over NE. 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.17 and 18, with brass cap marked

$\frac{1}{4}$
 S18 | S17
 1930

12 Survey of Subdivisions of T.16 N., R.10 W.

Chains No bearing trees available.
 The 55th mile mon. on Mohave and Yavapai County Line, bears N.83°33'E., 22.31 chs. dist., which is a lava stone, 16 x 12 x 6 ins. above ground, marked M on W. face, Y on E. face, and 55-1908 on N. face, set in a mound of stone.
 Asc. 21 ft. along E. slope.
 Ravine, course E.
 Draw, course NE.
 Set an iron post, 3 ft. long, 2 ins. diam., 2 1/4 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap marked

T16NR10W
 S 7 | S 8
 S18 | S17
 1930

Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, W. of cor. No bearing trees available.
 Land, rolling.
 Soil, clay; 3rd rate.
 Timber, none.
 Undergrowth, scattering oak, catclaw, palo cristi and grass.

40.00 East, on a random line, bet. secs. 8 and 17.
 79.96 Set temp. 1/4 sec. cor.
 Fall 26 lks. S. of the cor. of secs. 8, 9, 16 and 17.
 Thence
 S. 89°49' W., on a true line, bet. secs. 8 and 17.
 8.06 Over rolling mesa land, through scattering undergrowth.
 Wash, 30 lks. wide, course NE.; asc. 68 ft. over gradual E. slope.
 39.98 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 secs. 8 and 17, with brass cap marked

S8
 1/4 ———
 S17
 1930

57.86 No bearing trees available.
 Same wash, 30 lks. wide, course S.; asc. 18 ft. over gradual E. slope.
 79.96 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, clay; 3rd rate.
 Timber, none.
 Undergrowth, scattering catclaw, scruboak, cactus and grass.

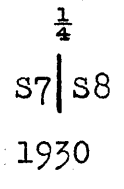
40.00 West, on a random line, bet. secs. 7 and 18.
 73.57 Set temp. 1/4 sec. cor.
 Fall 26 lks. N. of the cor. of secs. 7 and 18 on W. bdy. of Tp., described in Book "A" of this Group. Thence
 N. 89°48' E., on a true line, bet. secs. 7 and 18.
 Over rolling mesa land, through scattering undergrowth.
 Desc. 182 ft. over gradual E. slope.
 23.00 Rocky ledge, bears NE. and SW.; desc. SE. slope.
 33.57 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 1/4 sec. cor. of secs. 7 and 18, with brass cap marked

S7
 1/4 ———
 S18
 1930

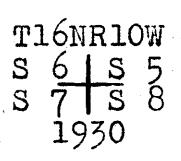
Survey of Subdivisions of T.16 N., R.10 W.

Chains
 38.50 No bearing trees available.
 52.80 Desc. 104 ft. over SE. slope.
 71.16 Wash, 10 lks. wide, course NE.
 73.57 Same wash, 10 lks. wide, course SE.
 Same wash, 10 lks. wide, course NE.
 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, adobe and rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering scruboak, catclaw, yucca and grass.

 N. 0° 3' W., bet. secs. 7 and 8.
 Over rolling mesa land, through scattering undergrowth.
 Asc. 117 ft. along E. slope.
 2.40 Wash, 30 lks. wide, course E.
 16.60 Draw, 50 lks. wide, course SE.
 35.00 Top of rocky spur, slopes SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 7 and 8, with brass cap
 marked

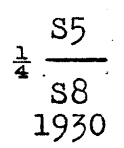


No bearing trees available.
 The 54th mile mon. on Mohave and Yavapai County Line,
 bears N. 83° 05' E., 22.37 chs. dist., which is a lava stone
 18 x 14 x 12 ins. above ground, marked M. on W. face, Y. on
 E. face, and 54-1908 on N. face, set in a mound of stone.
 Desc. 67 ft. along E. slope.
 70.30 Draw, course N. 75° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground for cor. of secs. 5, 6, 7 and 8, with brass cap
 marked



No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2½ ft. high W. of cor.
 Land, rolling.
 Soil, adobe and rocky; 3rd rate.
 Timber, none.
 Undergrowth, scattering scruboak, catclaw, cactus and grass.

 N. 89° 49' E., on a random line, bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Fall 16 lks. N. of the cor. of secs. 4, 5, 8 and 9.
 Thence
 S. 89° 56' W., on a true line, bet. secs. 5 and 8.
 Over rolling mesa land, through scattering undergrowth.
 Asc. 40 ft.
 39.96 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. 5 and 8, with brass cap marked



No bearing trees available.

Survey of Subdivisions of T.16 N. R.10 W.

Chains

50.00

79.92

Draw, 3 chs. wide, course NE.
 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, adobe; 2nd rate.
 Timber, none.
 Undergrowth, scattering catclaw, scruboak, cactus and grass.

40.00

73.48

S. 89° 48' W., on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 6 lks. S. of the cor. of secs. 6 and 7 on W. bdy. of Tp.,
 described in Book "A" of this Group. Thence
 N. 89° 51' E., on a true line, bet. secs. 6 and 7.
 Over rolling land, through scattering undergrowth.
 Desc. 62 ft. over SE. slope.
 Ravine, course N. 70° E., asc. 10 ft.
 Desc. 63 ft. along N. slope.
 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. 6 and 7, with brass cap marked

S6
 $\frac{1}{4}$ ———
 S7
 1930

48.48

73.48

No bearing trees available.
 Desc. 138 ft. along N. slope of ravine.
 Asc. along gradual E. slope.
 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, adobe; 2nd rate.
 Timber, none.
 Undergrowth, scattering catclaw, scruboak, cactus and grass.

40.00

78.98

N. 0° 3' W., on a random line, bet. secs. 5 and 6.
 Set temp. $\frac{1}{4}$ sec. cor.
 Fall 23 lks. E. of the cor. of secs. 5, 6, 31 and 32 on N. bdy.
 of Tp., hereinbefore described.
 Thence
 S. 0° 13' E., on a true line, bet. secs. 5 and 6.
 Over rolling mesa land, through scattering undergrowth.
 Draw, 100 lks. wide, course SE.
 Draw, 100 lks. wide, course E.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. of secs. 5 and 6, with brass cap
 marked

$\frac{1}{4}$
 S6 | S5
 1930

68.48

78.98

No bearing trees available.
 Raise a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 The 53rd mile mon. on Mohave and Yavapai County Line, bears
 N. 82° 50' E., 22.51 chs. dist., which is a lava stone 16 x
 12 x 6 ins. above ground, marked M on W. face, Y on E. face
 and x 53-1908 on top of stone, set in a mound of stone.
 Rocky wash, 30 lks. wide, course E.
 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, adobe; 2nd rate.
 Timber, none.
 Undergrowth, scattering catclaw, scruboak, cactus and grass.

Boundaries of Township 16 North, Range 10 West
LATITUDES, DEPARTURES and CLOSING ERRORS.

Line designated	True Course	Dist- ance	Latitudes		Departures	
			N.	S.	E.	W.
North Boundary	N. 89° 52' E.	473.07	1.10		473.07	
East Boundary	South	479.09		479.09		
South Boundary	N. 89° 59' W.	474.33	.14			474.33
West Boundary	N. 0° 02' E.	478.97	478.97		.28	
Convergency					.50	
Totals			480.21	479.09	473.85	474.33
			479.09			
Error in latitude			1.12			473.85
Error in departure						.48

General Description

The larger part of the township is rolling land, known as Goodwin Mesa, a late volcanic formation, the soil of which is adobe and too rocky for cultivation. It subsists only a moderate amount of undergrowth and grass. About one and one half miles in width along the East side of the township is lower in elevation and of more rugged topography, with the older geologic formations exposed over considerable areas.

Francis Creek, a seasonal stream of considerable size, enters the NE. corner of sec. 2, is joined by Spencer Creek near the N. side of sec. 1, and runs SouthEasterly through secs. 1 and 12.

Burro Creek, a larger and more permanent stream, touches the East boundary of sec. 13, re-enters the township in sec. 24 and flows Southerly through secs. 24, 25 and 36. There is some cultivable soil, a sandy loam, adjoining Burro Creek, also some cottonwood and sycamore trees. Portions of this vicinity are covered with a dense growth of catclaw and palo Cristo.

Salt Creek, which bounds Goodwin Mesa on the SouthWest, runs SouthEasterly through secs. 30, 31 and 32. A spring was noted in sec. 32 near its North $\frac{1}{4}$ sec. cor. At scattering points on Goodwin Mesa are several dams, reservoirs and corrals, used in stock-raising, the only present activity in the township.

There are no permanent residents.

There has been a small amount of mineral development in secs. 1 and 2. The vicinity is known as the Eureka Mining District. A patented mill-site claim lies across the line bet. those two secs.

The Mohave-Yavapai County Boundary line extends N. and S. through about the middle of the W. half of secs. 5, 8, 17, 20, 29 and 32, with Mohave County on the W. and Yavapai County on the East. This county boundary is monumented at one-mile intervals.

There are no roads in the township. It is reached by trail, only, from the Kingman-Phoenix cut-off highway.

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 3900

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 North Boundary and Subdivision Lines of Township 16 North, Range 10 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

Charles E. Hunter U.S. Transitman U.S. Surveyor

Date: May 3, 1930

APPROVAL

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

19

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

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 East Boundary, and Subdivision Lines of Township 16 North, Range 10 West

of the Gila and Salt River Base and Meridian, in the State of A R I Z O N A, 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.

Signature of William E. Hiester

U. S. Surveyor.

Date: May 5, 1930.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, May 18, 1931

The foregoing field notes of the survey of the East Boundary,

the North Boundary

and

Subdivision Lines

of

TOWNSHIP 16 NORTH, RANGE 10 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 the 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.

Signature of Charles E. Hunter

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.