

Book "A"

4-679

BOOK 3427

FEB 5 192

MAR 21 192

FIELD NOTES

OF THE RESURVEY OF

Part of the Subdivision lines of

Township 11 South, Range 12 East and

Second Standard Parallel South thru Range 12 East

and of the SURVEY of

East boundary of

Township 10 South, Range 11 East and

North Boundary and

Subdivision lines of

Township 10 South, Range 12 East

Of the Gila and Salt River base and Meridian,

In the State of Arizona

EXECUTED BY

William N. Thorn, U.S. Cadastral Engineer

and

Horace M. Muscott, U.S. Transitman

In the capacity of U.S. Surveyors
In the capacity of U.S. Surveyor, under Special Instructions dated February 6, 1918,

issued by the United States Surveyor General to govern surveys included in Group

No. 01, which were approved by the Commissioner of the General Land

Office, February 27, 1918, and Assignment Instructions dated December 18, 1918

Resurvey and Survey commenced January 27, 1919.

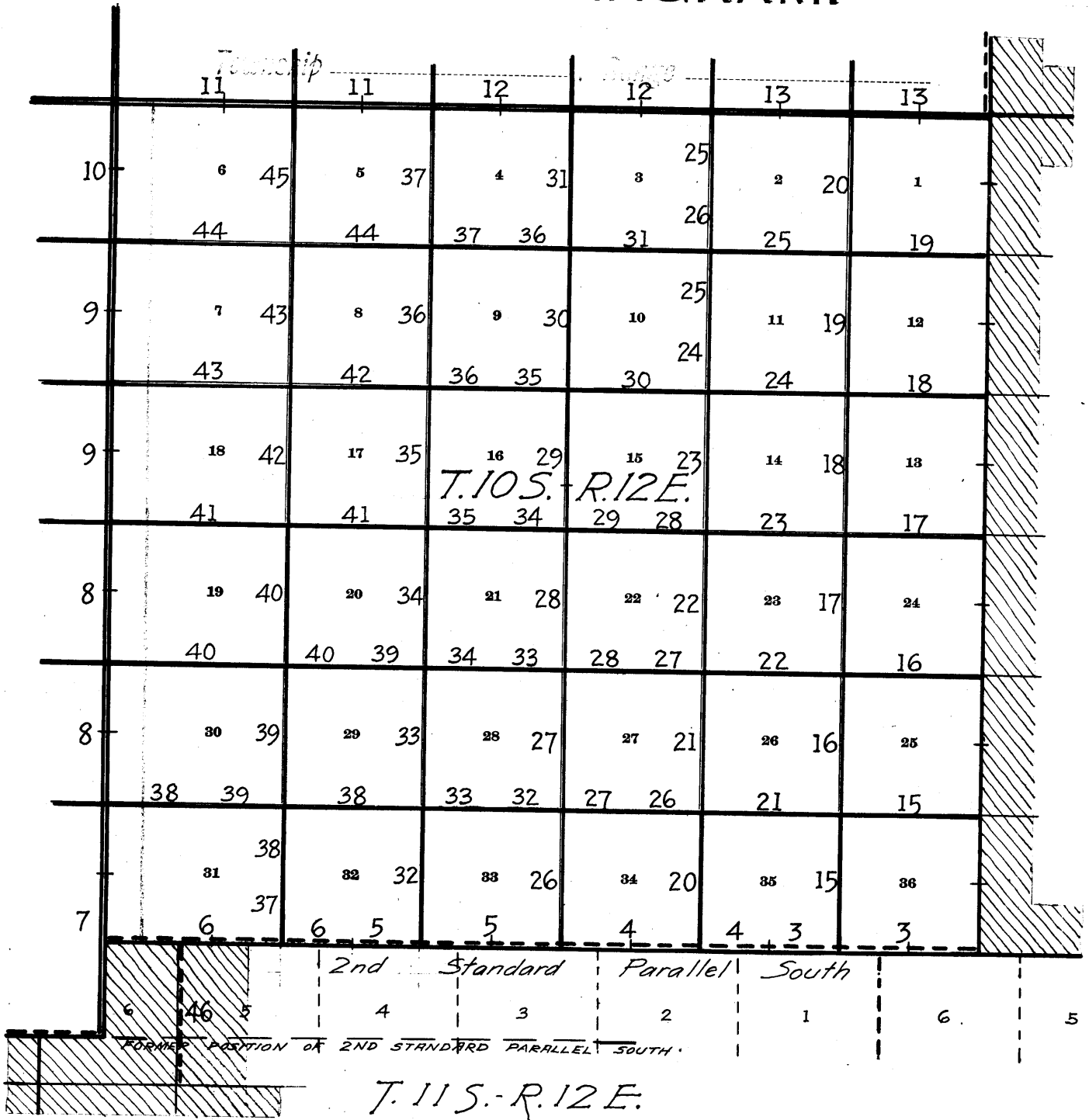
Resurvey and Survey completed February 21, 1919.






3427

Book "A"
Group 81 - Arizona.

BOOK 3427

INDEX DIAGRAM.



-  Lines surveyed under this group.
-  Lines resurveyed under this group.
-  Accepted surveys.
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Book "A"
Group 81 - Arizona

BOOK 3427

"DATE - DIAGRAM"

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T.10S. R.12E.

Accepted survey.

2nd Standard Parallel South
RESURVEYED

2-3-19
RESURV.
5

Black lines on above diagram indicate surveys executed by William H. Thorn, U.S. Cadastral Engineer on dates shown thereon.

Red lines on above diagram indicate surveys executed by Horace M. Muscott, U.S. Transitman, on dates shown thereon.

Chains.

Resurvey and survey hereinafter described executed by William H. Thorn, U. S. Cadastral Engineer and Horace M. Muscott, U. S. Transitman, on dates shown on diagram on page 1 hereof, using respectively, Young and Sons' Light mountain transits Nos. 8592 and 8248. The instruments are equipped with full vertical circles and Smith Solar attachments; the horizontal limbs having two double verniers placed opposite to each other, and reading to 1' of arc, which is also the least count of the verniers of the latitude and declination arcs; all azimuth determinations, unless otherwise specified are accomplished with the solar attachment.

The instruments were examined, tested on the true meridian at Phoenix, found correct, and were approved by the Assistant Supervisor of Surveys for Arizona, conditional upon satisfactory field tests.

TEST OF INSTRUMENTS.

Examine the adjustments of the transits, and correct all errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, proceed as follows:

Jan. 24, 1919: At camp in sec. 34, T. 10 S., R. 12 E.; latitude $32^{\circ}30\frac{1}{2}'$ N.; longitude, $111^{\circ}05'$ W., observe Polaris at 11h. 18m. apparent time, a.m., at its eastern elongation, at which time the star is plainly visible. The observation is executed in accordance with the Manual of Instructions. and mark a point in the line thus determined, on a peg driven in the ground, 5 chs. N. of station. Then lay off the azimuth of Polaris $1^{\circ}19'40''$ W., and mark the meridian thus determined by a tack point in a stake driven firmly in the ground.

At apparent noon, set off $32^{\circ}30'23''$ on the lat. arcs, and observe the sun on the meridian; the resulting readings of the decl. arcs are $19^{\circ}17\frac{1}{2}'$ S., which agrees with the computed decl. of the sun for noon.

At 3h. 0m. p.m., apparent time, with the latitude arcs unchanged, set off $19^{\circ}15'14''$ S. on the decl. arcs, and determine meridians with the solars, which find to agree with the true meridian.

Jan. 25, 1919: At 9h. 0m. a.m., apparent time, with the lat. arcs unchanged, set off $19^{\circ}4'20''$ S. on the decl. arcs, and determine meridians with the solars, which agree with the true meridian.

As all of the solar observations during the usual hours of solar work come within $1'30''$ of the true meridian, conclude that the adjustments of the instruments are satisfactory.

Unless otherwise specified, all measurements are made with a Lufkin steel tape, 5 chains in length, compared with a Chesterman standard steel tape, and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Resurvey of 2nd. Standard Parallel South, thru. Range 12 East. 3.

Chains.

Independent Resurvey superceding the survey executed by J.B. McLaughlin, U.S. Deputy Surveyor in 1884; As subdivisinal closings on the Standard Parallel made during the progress of this survey will furnish satisfactory verification of the length of the lines, employ single set of chainmen.

From std. cor. of T.10 S., Rs.12 and 13 E., which is an iron post, 3 ins. in diam., set 18 ins. in the ground, and in a mound of stone 3 ft. base, 1 ft. high, witnessed by a mound of stone 4 ft. base, 2 ft. high to the N. of post,

West, on true line, on the south bdy. of sec. 36.

Over mountainous land, thru. medium and scattering timber.

Descend over W. slope, 134 ft.

- 5.00 Ravine, course S., and ascend 92 ft., over E. slope.
- 8.90 Short spur, slopes S., and descend 67 ft., over W. slope.
- 14.00 Ravine, course S. 10° E.; and ascend 164 ft., over E. slope.
- 22.00 Ridge, brs. N. and S.
- 24.60 Head of draw, course SW.; and descend 104 ft., over broken S. slope to 1/4 sec. cor.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard 1/4 sec. cor. of sec. 36, with brass cap, marked

S	C
S	36
1	
1919	

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor. From this cor., the old standard 1/4 sec. cor. brs. S. 28° 30' W., 17.10 chs. dist. This old cor. is a mesquite tree, 20 ins. in diam.; destroy all markings on same.

- 40.20 Head of draw, course S.
- 46.00 Head of draw, course SE.; and ascend 29 ft., over SE. slope.
- 49.80 Ridge, brs. N. 80° E. and S. 70° W., and descend 226 ft., over NW. slope, to
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 35 and 36, with brass cap, marked

S	C
T10S	R12E
S35	S36

1919

Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor. No trace of the old standard cor. of secs. 35 and 36 can be found after diligent search.

Land, mountainous.

Soil, granite and quartzite, rocky, 4th rate.

Undergrowth, scrub mesquite and palo verde, ocotilla, cholla and catclaw.

Timber, scattering mesquite and palo verde.

West, on true line, on S. bdy. of sec. 35.

Over mountainous land, thru. scattering timber.

Ascend 158 ft., over NE. slope.

- 11.40 Spur, slopes N. 10° E., and descend 409 ft., over broken NW. slope.
- 19.50 Ravine, course N.
- 32.60 Ravine, course, N., and ascend 137 ft., over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, and supported in a mound of stone 3 ft. base, 1 1/2 ft. high, for reestablished standard 1/4 sec. cor. of sec. 35, with brass cap, marked

4 Resurvey of 2nd. Standard Parallel South, thru. Range 12 East.

chains.

S C
S 35
1/4

1919

- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No trace of the old standard $\frac{1}{4}$ sec. cor. of sec. 35 can be found after diligent search.
- 43.20 Spur, slopes N. 85° W., and descend over end of same, over W. slope, 87 ft. to sec. cor.
- 79.70 Wash, 35 lks. wide, 3 ft. deep, course S.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground on bed rock, supported in a mound of stone 3 ft. base, 1 ft. high, for reestablished standard cor. of secs. 34 and 35, marked on brass cap,

S C
T10S | R12E
S34 | S35

1919

- Raise mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor. No trace of old standard cor. of secs. 34 and 35 can be found.
- Soil, rocky and gravelly granite and quartzite, 4th rate. Timber, small mesquite, and palo verde. ~~...~~ and ~~...~~ cactus, from 3 to 10 ft. high.
- Undergrowth, catclaw, ocotilla, cholla and sahuaro cactus, from 3 to 10 ft. high.

- West, on true line, on S. bdy. of sec. 34. Over mountainous land, thru. heavy brush and scattering timber.
- Ascend 209 ft., over general S. slope.
- 1.45 Wash, 120 lks. wide, 8 ft. deep, course SW.
- 33.10 Ravine, 15 lks. wide, 10 ft. deep, course SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 34, with brass cap, marked

S C
1/4 S 34
1919

- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No trace of the old standard $\frac{1}{4}$ sec. cor. can be found after a diligent search.
- 40.25 Ravine, 30 lks. wide, 20 ft. deep, course S.; descend 129 ft. to next ravine, over S. slope.
- 54.60 Ravine, 30 lks. wide, 20 ft. deep, course S. 20° W.
- 59.60 Ravine, 40 lks. wide, 25 ft. deep, course S. 10° E.
- 66.60 Spur, slopes S., descend 235 ft. to sec. cor., over SW. slope.
- 79.85 Head of draw, course S. 10° W.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground, on bed rock, and raise a mound of stone around same 3 ft. base, 1 ft. high, for reestablished standard cor. of secs. 33 and 34, with brass cap, marked

S C
T10S | R12E
S33 | S34

1919

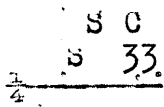
- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No trace of the old standard cor. of secs. 33 and 34 could

Resurvey of 2nd Standard Parallel South, thru. Range 12 East. 5

Chains.

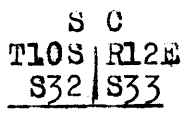
be found after a diligent search.
Land, mountainous.
Soil, rocky granite and quartzite, 4th rate.
Timber, scrub palo verde and mesquite.
Undergrowth, cholla and sahuaro cactus, and catclaw and ocotilla.

- 14.50 West, on true line, on the S. bdy. of sec. 33.
Over mountainous land, thru. heavy brush.
- 21.50 Ascend 222 ft., over S. slope.
- 27.40 Spur, slopes S. 50° W.; descend 167 ft. over SW. slope.
- 40.00 Head of ravine, course S.
Top of ridge, brs. S. 60° W. and N. 60° E.; thence over rolling land.
Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and raise a mound of stone, 2 ft. base, 1 ft. high, around same, for reestablished standard 1/4 sec. cor. of sec. 33, with brass cap, marked



1919

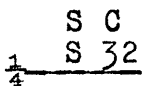
- 41.50 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No trace of old standard 1/4 sec. cor. of sec. 33 can be found after a diligent search.
- 54.40 Spur, slopes N.; and descend 280 ft., over NW. slope.
Draw, course N.; thence over slightly rolling land to sec. cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, 4 ft. base, 3 ft. high, for reestablished standard cor. of secs. 32 and 33, with brass cap, marked



1919

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. No trace of old standard cor. of secs. 32 and 33 can be found after a diligent search.
Land, rough, mountainous.
Soil, rocky granite and quartzite, 4th rate.
Timber, scrub mesquite and palo verde.
Undergrowth, ocotilla, cholla, sahuaro cactus and catclaw.

- 2.60 West, on true line, on the S. bdy. of sec. 32.
Over very rough and mountainous land, thru. heavy brush and small timber,
Descend 187 ft., over NW. slope.
- 13.00 Draw, course N.
- 17.80 Draw, course N.; ascend 60 ft., over E. slope.
- 24.30 Spur, slopes N.; descend 50 ft., over NW. slope.
Wash, 40 lks. wide, 5 ft. deep, course S. 60° W.; ascend 158 ft. to spur.
- 35.60 Spur, slopes S.; thence over rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 4 1/2 ft. base, 3 ft. high around same, for reestablished standard 1/4 sec. cor. of sec. 32, with brass cap, marked



1919

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

6. Resurvey of 2nd Standard Parallel S., thru. R. 12 East.

Chains.

No trace of old standard $\frac{1}{4}$ sec. cor. can be found after a diligent search.

47.50 Ridge, brs. S. 80° W. and N. 75° E.; descend 257 ft., over W. slope.

65.65 Draw, course S. 60° W.; thence over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, and raise a mound of stone, 4 ft. base, 3 ft. high around same, for reestablished standard cor. of secs. 31 and 32, with brass cap, marked,

S C
T10S | R12E
S31 | S32

1919

from which,

An ironwood, 6 ins. in diam., brs. N. 65° W., 24 lks. dist., marked S C T10S R12E S31 BT.

No other trees available; raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

From this cor., the old standard sec. cor. of secs. 31 and 32, brs. S. 18° 55' W., 55.97 chs. dist. This old cor. is a granite stone, 2x2x2 ins. above ground, with old mound missing. Destroy all markings on stone.

Land, mountainous.

Soil, rocky and gravelly granite formation, 4th rate.

Timber, scrub palo verde, ironwood and mesquite.

Undergrowth, catclaw, greasewood, ocotilla, cholla and sage brush.

West, on true line, on the S. bdy. of sec. 31.

Over mountainous land, thru. dense brush.

Ascend 41 ft., over S. slope.

8.15 Spur, slopes S.; descend 103 ft., over W. slope.

22.20 Wash, 350 lks. wide, 25 ft. deep, course S. 35° W.

23.00 Leave mountains, and heavy brush, and continue over rolling land.

31.50 Road brs. N. 60° E. and S. 45° W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, on bed rock, and raise a mound of stone 2 ft. base, 1 ft. high around same, for the reestablished standard $\frac{1}{4}$ sec. cor. of sec. 31, with brass cap, marked

S C
 $\frac{1}{4}$ S 31

1919

Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor. No trace of the old standard $\frac{1}{4}$ sec. cor. of sec. 31 can be found after diligent search.

43.80 Wash, 200 lks. wide, 20 ft. deep, course S. 30° W.

89.70 Wash, 50 lks. wide, 4 ft. deep, course S, 40° W.

98.50 Intersect E. bdy. of T. 10 S., R. 11 E. Set temp. standard cor. of T. 10 S., R. 12 E. (SW. cor.)

Land, mountainous first 20 chs., and rolling last part.

Soil, sandy, gravelly granite formation, 3rd rate.

Timber, scrub palo verde, mesquite and ironwood.

Undergrowth, greasewood, catclaw, ocotilla and cholla.

Survey of East bdy. of Township 10 South Range 11 East. 7.

Chains.

The original standard cor. of T.10 S., Rs. 11 and 12 E. is a post, 4 ins. square, 4 ft. above ground, firmly set, marked "S C T X S IIIIII" on N. face, "IIIIII R XII E SXXXI" on E. face, and "IIIIII R XI E S XXXVI" on W. face.

No trace of old pits or bearing tree can be found. Reestablish this cor. for cor. of one Tp. only; alongside of old post, Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of T.10 S., R.11E. only (SE.cor.), with brass cap, marked

S C
T10S
R11E
S36
1919

from which,

A mesquite, 8 ins. in diam., brs. N. 54° W., 249 lks. dist., marked "SC T10S R11E S36 BT."

No other tree available; dig pits, 36x36x12 ins., on each line, N. and W. of post, 8 ft. dist.

Thence,

North, on true line, on E. bdy. of sec. 36.

Over rolling land, thru scattering undergrowth.

6.50 Wash, 7 chs. wide, 3 ft. deep, course S. 40° W.

22.80 Wash, 2 chs. wide, 20 ft. deep, course S. 45° W.

48.70 Wash, 60 lks. wide, 4 ft. deep, course S. 45° W.

53.07 Intersect the temp. standard cor. of T.10 S., R.12 E. (SW.cor.) where set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of T.10 S., R.12 E. only (SW.cor.), with brass cap, marked

S C
T10S
R12E
S31
1919

from which,

A palo verde, 5 ins. in diam., brs. N. 57½° E., 42 lks. dist., marked "SC T10S R12E S31 BT."

No other tree available; raise a mound of stone, 3 ft. base, 2 ft. high, NE. of cor.

Continue line and measurement.

67.27 Wash, 20 lks. wide, 2 ft. deep, course S. 40° W.

76.37 Wash, 20 lks. wide, 2 ft. deep, course S. 40° W.

91.22 Wash, 100 lks. wide, 1 ft. deep, course S. 70° W.

92.07 Enter scattering timber, brs. E. and W.

93.07 (40.00 chs. N. from standard cor. of T.10 S., R.12 E. (SW.cor.)), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

S36 | S31
1919

from which,

A mesquite, 6 ins. in diam., brs. N. 11½° E., 122 lks. dist., marked "¼ S31 BT."

A mesquite, 10 ins. in diam., brs. S. 52½° W., 132 lks. dist., marked "¼ S 36 BT."

108.77 Wash, course S. 60° W., 30 lks. wide, 1 ft. deep.

133.07 (80.00 chs. N. from standard cor. of T.10 S., R.12 E. (SW.cor.)) Set an iron post, 3 ft. long; 2 ins. in diam., 24 ins. in the ground, for cor. of sec. 25, 30, 31, and 36; with brass cap, marked

T10S
R11E | R12E
S25 | S30
S36 | S31
1919

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

Land, gently rolling.

Soil, sandy clay and rocky granite formation, 3rd rate.

8. Survey of East bdy. of Township 10 South, Range 11 East.

Chains.

Timber, scattering small palo verde, mesquite and ironwood.
Undergrowth, scattering catclaw, greasewood, ocotilla, cholla
and sage brush.

North, on true line, bet. secs. 25 and 30.

Over gently rolling land, thru. dense undergrowth.

- 11.40 Wash, 10 lks. wide, 1 ft. deep, course SW.
18.50 Wash, 15 lks. wide, 1 ft. deep, course S. 50° W.
32.50 Wash, 20 lks. wide, 1 ft. deep, course S. 40° W.
37.30 Wash, 10 lks. wide, 1 ft. deep, course S. 40° W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S25 | S30
1919

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

- 41.10 Road. brs. NE. and SW.
45.00 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
60.70 Wash, 40 lks. wide, 1 ft. deep, course S. 50° W.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor. of secs. 19, 24, 25 and 30, with brass cap,
marked

T10S
R11E | R12E
S24 | S19

S25 | S30
1919

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

Land, gently rolling. Soil, clay & rocky granite formation,
3rd rate.

Undergrowth, dense scrub palo verde, mesquite and ironwood.
No timber.

North, on true line, bet. secs. 19 and 24.

Over gently rolling land, thru. dense undergrowth and scat-
tering timber.

- 13.40 Wash, course S. 40° W.
28.70 Wash, 40 lks. wide, 1 ft. deep, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S24 | S19
1919

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

- 49.00 Wash, 70 lks. wide, 2 ft. deep, course S. 70° W.
59.30 Wash, 40 lks. wide, 1 ft. deep, course S. 40° W.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor. of secs. 13, 18, 19 and 24, with brass cap,
marked

T10S
R11E | R12E
S13 | S18

S24 | S19
1919

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

Land, gently rolling.

Soil, sandy clay and rocky granite formation, 3rd rate.

Undergrowth, dense scrub palo verde, mesquite and ironwood,
catclaw, greasewood, ocotilla, cholla and sahuaro cactus.

Timber, scattering small mesquite and palo verde.

North, on true line, bet. secs. 13 and 18.

Over rolling land, thru. dense undergrowth.

- 10.50 Wash, 15 lks. wide, 1 ft. deep, course S. 80° W.
30.00 Wash, 30 lks. wide, 1 ft. deep, course S. 80° W.
37.40 Wash, 20 lks. wide, 1 ft. deep, course S. 80° W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S13 | S18
1919

Survey of East boundary of Township 10 South, Range 11 East. 9

Chains.

53.60
59.00
67.70
78.80
80.00

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
Wash, 15 lks. wide, 1 ft. deep, course S. 80°W.
Wash, 20 lks. wide, 1 ft. deep, course W.
Road, brs. E. and W.
Wash, 40 lks. wide, 1 ft. deep, course S. 80°W.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap, marked

T10S
R11E | R12E
S12 | S 7
S13 | S18
1919

from which,
A mesquite, 8 ins. in diam., brs. S. 52°E., 150 lks. dist., marked T10S R12E S18 BT.

No other trees available; dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. dist.
Land, gently rolling.
Soil, sandy and stony clay, 3rd rate.
Undergrowth, scrub palo verde, mesquite and ironwood, catclaw and greasewood.
No timber.

29.50
40.00
41.50

North, on true line, bet. secs. 7 and 12.
Over gently rolling land, thru dense undergrowth, and scattering timber.
Wash, 80 lks. wide, 4 ft. deep, course S. 80°W.
True point for 1/4 sec. cor. falls in wash, 50 lks. wide, 4 ft. deep, course S. 60°W.; therefore, at
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., with brass cap, marked

1/4
S12 | S 7
W | C
1919

from which,
A mesquite, 14 ins. in diam., brs. S. 2°E., 212 lks. dist., marked "1/4 S 7 W C B T."

48.60
55.50
75.60
80.00

No other tree available; raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Wash, 15 lks. wide, 1 ft. deep, course S. 60°W.
Wash, 50 lks. wide, 2 ft. deep, course W.
Wash, 20 lks. wide, 2 ft. deep, course W.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap, marked

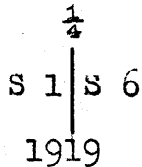
T10S
R11E | R12E
S 1 | S 6
S12 | S 7
1919

from which,
An ironwood, 8 ins. in diam., brs. S. 8°W., 324 lks. dist., marked "T10S R11E S12 BT."
No other trees available.

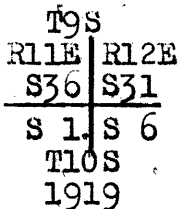
Dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. dist.
Land, rolling.
Soil, sandy and gravelly clay, 3rd rate. Timber, scattering, small palo verde, mesquite and ironwood.
Undergrowth, catclaw, greasewood, sahuaro, ocotilla and cholla. dense

Chains.

North, on true line, bet. secs.1 and 6.
 Over gently rolling land, thru. dense undergrowth.
 4.00 Wash, 15 lks.wide, 2 ft. deep, course W.
 15.00 Wash, 10 lks.wide, 2 ft. deep, course W.
 21.20 Wash, 15 lks.wide, 2 ft. deep, course W.
 39.40 Wash, 30 lks.wide, 3 ft. deep, course W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked



48.40 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 Wash, 20 lks.wide, 3 ft. deep, course W.
 56.30 Wash, 30 lks.wide, 4 ft. deep, course W.
 63.10 Wash, 20 lks.wide, 1 ft. deep, course W.
 69.40 Wash, 15 lks.wide, 3 ft. deep, course W.
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground, for cor. of Ts. 9 and 10 S., Rs. 11 and 12 E.,
 with brass cap, marked



Dig pits 24x24x12 ins., N., E., S. and W. of post, 5 ft. dist.
 From this cor., Picacho Peak brs. N. 79° 50' W.
 Land, gently rolling.
 Soil, clay and stony, 3rd rate.
 Undergrowth, dense scrub, palo verde, mesquite, and iron-
 wood, catclaw, greasewood, sahuarro, ocotilla and
 cholla.
 Timber, scattering small palo verde, mesquite and ironwood.

Chains.

The original cor. of Ts. 9 and 10 S., Rs. 12 and 13 E. is an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, properly marked on brass cap, and witnessed by 4 pits, one each N., S., E. and W. of cor., and mound of earth, S. of cor. No bearing trees.

Thence,

West, on random line, setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs.; and at 498.70 chs., intersect the cor. of Ts. 9 and 10 S., Rs. 11 and 12 E., hereinbefore described.

East, on a true line, bet. secs. 6 and 31.

Over slightly rolling land, thru. scattering undergrowth.

45.50

Wash, 120 lks. wide, 6 ft. deep, course N. 70° W.

58.70

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4 S 31
S 6
1919

from which,

An ironwood, 8 ins. in diam., brs. N. 25° E., 40 lks. dist., marked 1/4 S 31 BT.

No other trees available.

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

77.60

Road brs. N. 70° W. and S. 60° E.

84.30

Wash, 100 lks. wide, 6 ft. deep, course N. 80° W.

98.70

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap, marked

T9S | R12E
S31 | S32
S 6 | S 5
T10S
1919

Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist.

Land, gently rolling.

Soil, sandy and gravelly clay, 3rd rate.

Undergrowth, scattering palo verde, mesquite, ironwood, cat-claw, greasewood, sahuaro, cholla and club cactus.

No timber.

East, on true line, bet. secs. 5 and 32.

Over rolling land, thru. dense undergrowth.

12.40

Wash, 100 lks. wide, 10 ft. deep, course N. 60° W.; ascend 100 ft. over SW. slope of hill.

18.60

Top of ascent on S. side of hill, the top of which brs. N. about 5 chs. dist. A vacant cabin brs. S. about 50 chs. dist. Descend 40 ft., over SE. slope, to

37.80

Wash, 40 lks. wide, 8 ft. deep, course S. 80° W.; ascend very gradually.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high around same, for 1/4 sec. cor., with brass cap, marked

1/4 S 32
S 5
1919

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Ascend gradually to

50.00

Foot of NE. slope of a butte, brs. NE. and SW.; ascend 145 ft., over NW. slope, to

58.00

Top of ascent on N. side of a butte, the top of which brs. S. about 8 chs. dist. This butte belongs to a group known as "Owl Head Buttes"; descend 50 ft., over NE. slope, to

62.00

Same wash crossed at 37.80 ch. station, 30 lks. wide, course N. 60° W. in gulch, 20 ft. deep; ascend 85 ft. over W. slope.

68.00

Spur, from another butte, slopes N. 40° W.; desc. 80 ft. over NE. slope, to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, around post, for cor. of secs. 4, 5, 32 and 33, with brass

12 North hdy. of Township 10 South, Range 12 East.

Chains.

cap, marked

T9S	R12E
S32	S33
S 5	S 4
T10S	
1919	

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Land, rolling.
Soil, gravelly and rocky granite formation, 4th rate.
Undergrowth, dense palo verde, mesquite and catclaw, greasewood and cholla and club cactus.
No timber.

East, on true line, bet. secs. 4 and 33.

Over rolling land, thru. dense undergrowth.

- .30 Head of ravine, 10 lks. wide, 5 ft. deep, course N. 30° W.; ascend 40 ft., over NW. slope of butte.
- 4.00 Top of ascent on the N. side of butte, the top of which hrs. S. about 4 chs. dist.; desc. 25 ft. over NE. slope, to
- 7.00 Head of ravine, course N. 40° E. Thence over rolling S. slope from "Owl Head Buttes."
- 13.90 Same ravine, 40 lks. wide, 20 ft. deep, course S. 30° E.
- 20.70 Ravine, 20 lks. wide, 10 ft. deep, course S.
- 25.70 Ravine, 30 lks. wide, 15 ft. deep, course S.
- 31.30 Wash, 20 lks. wide, 3 ft. deep, course S. 30° W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$	S 33
	S 4
	1919

- 41.70 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 49.10 Wash, 15 lks. wide, 3 ft. deep, course S.
- 65.20 Wash, 20 lks. wide, 3 ft. deep, course S. 30° W.
- 71.70 Wash, 20 lks. wide, 4 ft. deep, course S.
- 77.50 Wash, 15 lks. wide, 3 ft. deep, course S. 20° W.
- 80.00 Wash, 40 lks. wide, 3 ft. deep, course S. 60° W. Leave rolling S. slope of "Owl Head Buttes."
- Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap, marked

T9S	R12E
S33	S34
S 4	S 3
T10S	
1919	

Dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.
Land, rolling.
Soil, rocky and gravelly granite formation, 4th rate.
No timber.
Undergrowth, dense scrub palo verde and mesquite, catclaw, greasewood and cholla, club and sahuaro cactus.

East, on true line, bet. secs. 3 and 34.

Over gently rolling land, thru. dense undergrowth.

- 38.30 Ravine, 30 lks. wide, 15 ft. deep, course S. 40° W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$	S 34
	S 3
	1919

- 67.50 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- 72.50 Wash, 30 lks. wide, 4 ft. deep, course S. 20° E.
- Wash, 20 lks. wide, 2 ft. deep, course S. 60° W.

Survey of North boundary of Township 10 South, Range 12 East. 13

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, and raise a mound of stone, 2 ft. base, 1 ft. high, around same, for the cor. of secs. 2, 3, 34 and 35, with brass cap, marked

T9S | R12E
S34 | S35
S 3 | S 2
T10S
1919

Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist. Land, rolling. Soil, sandy clay, stony and rocky, 3rd rate. Undergrowth, dense scrub palo verde and mesquite, catclaw, greasewood, cactus, cholla, club and sahuaro. No timber.

East, on true line, bet. secs. 2 and 35. Over gently rolling land, thru. medium undergrowth.

.30 A four-strand wire fence, brs. N. and S.
2.20 Wash, 50 lks. wide, 8 ft. deep, course S. 80° W.
9.40 Fence cor. on line, from which a 4-strand wire fence extends S.

Thence along fence, parallel to line.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

S 35
1/4
S 2
1919

Dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. Over gentle W. slope, thru. medium undergrowth, continuing along wire fence, parallel to line.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, with brass cap, marked

T9S | R12E
S35 | S36
S 2 | S 1
T10S
1919

Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist. From this cor., U.S.M.M. No. 3, which is an iron pipe, 2 1/2 ins. in diam., 7 ft. above ground, with a mound of stone, 5 ft. base, 3 ft. high around same, brs. N. 50° 35' E. Land, rolling. Soil, sandy clay, stony and rocky, 3rd rate. Undergrowth, medium scrub palo verde, mesquite, catclaw, and greasewood; cactus, cholla, club and sahuaro. No timber.

East, on true line, bet. secs. 1 and 36. Over gently rolling land, thru. medium undergrowth, along 4-strand wire fence parallel to line.

6.10 Road brs. N. 70° E. and S. 70° W.
19.50 Wash, 15 lks. wide, 4 ft. deep, course S. 40° W.
36.10 Wash, 20 lks. wide, 4 ft. deep, course S. 70° W.
38.44 Fence cor. on line from which a 4-strand wire fence extends west and N. 60° E. Leave fence.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

14 Survey of North bdy. of Township 10 South, Range 12 East
Chains.

S 36
1/4
S 1
1919

- Dig pits, 18x18x12 ins., E. and W of post, 3 ft. dist.
- U.S.M.M.No.3, hereinbefore described, brs. N.25°12'W.
- Cor. of U.S. Mineral Survey No.3081, which is a 1 in. post, and brass cap, 2 ins. square, 2 ft. above ground, brs. S.7°30'E., 534 lks. dist.
- 40.80 "Flora May" claim cor. brs. S. 60° lks. dist. (status unknown),
- 50.00 Six demolished stone houses, bear north about 3 chs. dist.
- 59.10 Fence cor. on line, from which 4-strand wire fences extend N.40°W. and E.
- Thence along fence, parallel to line.
- 80.00 Intersect the cor. of Ts. 9 and 10 S., Rs. 12 and 13 E., hereinbefore described.
- Land, gently rolling.
- Soil, sandy clay, gravelly and stony, 3rd rate.
- Undergrowth, medium scrub palo verde and mesquite, catclaw, greasewood, sage brush, cholla, club and sahuaro cactus.
- No timber.

Boundaries of Township 10 South, Range 12 East.

Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary, (2nd Std. Par. S.)	West,	498.50				498.50
West boundary,	North,	480.00	480.00			
North boundary,	East,	498.70			498.70	
East boundary,	South,	480.00		480.00		
Convergency,					.46	
<u>Totals.</u>			480.00	480.00	499.16	498.50
			480.00		498.50	
<u>Error in latitude.</u>			0.00			
<u>Error in departure,</u>					0.66	

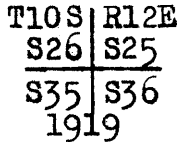
Survey of Subdivision lines of Township 10 South, Range 12 East. 15

Chains.

From the reestablished standard cor. of secs. 35 and 36 on the S. bdy. of the Tp. (2nd Std. Par. S.), *hereinbefore described* N.0°1'W., bet. secs. 35 and 36.
 Over mountainous land, thru. dense undergrowth.
 2.80 Wash, 50 lks. wide, 2 ins. deep, course N.40°W.; ascend 103 ft., over SW. slope.
 9.67 Point of spur, slopes W.; descend 54 ft., over NW. slope.
 15.86 Gulch, course S.70°W.; ascend 315 ft., over SW. slope.
 25.45 Rocky ridge, brs. E. and W.; descend 400 ft., over N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground, and raise a mound of stone, 1½ ft. base, 8 ins. high, around same, for ¼ sec. cor., with brass cap; marked

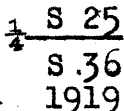


42.06 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Canyon, course N.80°W.; ascend 89 ft., over SW. slope.
 46.46 Spur, slopes S.50°W.; descend 50 ft., over NW. slope.
 50.46 Canyon, course S.50°W.; ascend 108 ft., over SW. slope.
 56.18 Top of spur; slopes S.60°W.; descend 66 ft., over N. slope.
 59.94 Canyon, course N.60°W.; ascend 293 ft., over SW. slope.
 74.80 Top of rocky ridge, brs. E. and W.; desc. 180 ft. over NW. slope,
 to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Undergrowth, dense soto, scrub oak and Spanish bayonet.
 No timber.

40.00 East, on a random line, bet. secs. 25 and 36.
 Set temp. ¼ sec. cor.
 80.07 Intersect the E. bdy. of the Tp., 2 lks. N. of the original cor. of secs. 25, 30, 31 and 36, which is an iron post, with brass cap, marked properly, and witnessed by a mound of stone, W. of cor. No bearing trees.
 Thence,
 N.89°59'W., on true line, bet. secs. 25 and 36.
 Over mountainous land, thru. dense undergrowth; ascend 30 ft.
 1.40 Spur, slopes S.; descend 176 ft., over SW. slope.
 13.44 Wash, 60 lks. wide, 3 ft. deep, course N.30°W.
 17.00 Wash, 40 lks. wide, 2 ft. deep, course NE.; ascend 120 ft. over NE. slope, to
 23.04 Top of spur, slopes N.30°W.; ascend 265 ft. to
 40.03 Spur, slopes N. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked



Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.
 Descend 483 ft., over NW. slope.
 58.44 Canyon, course N.20°W., with intermittant water seepage; ascend 297 ft., over E. slope.
 72.40 Ridge, brs. N. and S.20°E.; descend 220 ft. over W. slope to sec. cor.
 79.60 Small drain, course NW.

16 Survey of Subdivision lines of Township 10 South, Range 12 East.

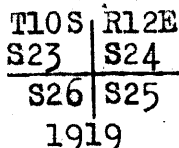
Chains.

80.07 The cor. of secs. 25, 26, 35 and 36.
Land, mountainous.
Soil, rocky, 4th rate.
Undergrowth, dense soto, scrub oak, Spanish bayonet and mesquite.
No timber.

N. 0° 1' W., bet. secs. 25 and 26.
Over mountainous land, thru. dense undergrowth, and very scattering timber.
.50 Drain, course N. 50° W.; ascend 65 ft., over NW. slope.
21.43 Saddle in ridge, bearing NW. and SE. Desc. 187 ft. over NE. slope.
31.67 Wash, course N. 40° W.; ascend 92 ft., over SW. slope.
37.71 Spur, slopes NW.; descend 143 ft., over NE. slope.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



47.21 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Wash, course N. 30° W. from E.; asc. 283 ft., over SW. slope.
59.64 Draw, course W.; continue ascent.
71.15 Spur, slopes N. 60° W.; descend 200 ft., over NW. slope, to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap, marked



Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.
Land, mountainous and rough.
Soil, rocky, 3rd rate.
Timber, very scattering juniper, cottonwood, mountain ash and willow.
Undergrowth, dense scrub oak and ocotilla.

40.00 S. 89° 59' E., on a random line, bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.

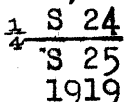
80.19 Intersect the E. bdy. of Tp., 15 lks. S. of original cor. of secs. 19, 24, 25 and 30, which is an iron post, with brass cap, properly marked, witnessed by a mound of stone, W. of cor. No bearing trees. Thence,

S. 89° 55' W., on a true line, bet. secs. 24 and 25.
Over mountainous land, thru. scattering timber and undergrowth.

8.70 Wash, 30 lks. wide, 3 ft. deep, course NW.; desc. 86 ft. over NW. slope.

25.15 Wash, 20 lks. wide, 2 ft. deep, course NW.; desc. 136 ft. over N. slope.

40.09 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



from which,

A mountain ash, 4 ins. in diam., brs. S. 49° W., 40 lks. dist., marked $\frac{1}{4}$ S 25 BT.

No other tree available. Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

40.80 Wash, 60 lks. wide, 3 ft. deep, course S. 40° W.

43.38 Same wash, 60 lks. wide, 3 ft. deep, course N. 70° W.; ascend 50 ft., over N. slope.

66.15 Point of spur, slopes NW.; descend 156 ft. over W. slope.

73.95 Small canyon, course NW.; thence along N. slope to

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

Land, mountainous.

Soil, rocky, 4th rate. Timber, juniper, mountain ash and cottonwood. Undergrowth, ocotilla, cactus and sage brush.

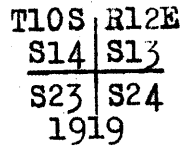
Subdivision lines of Township 10 South, Range 12 East.

Chains.

N.0°1'W., bet.secs.23 and 24.
 Over mountainous land, thru.dense undergrowth and scatter-
 ing timber.
 Descend 61 ft., over N.slope.
 2.85 Canyon, course S.70°W.; ascend 56 ft., over SW.slope, to
 7.51 Gulch, course SW.from N. Thence in gulch; ascend 110 ft. to
 14.67 Leave gulch, course S. from N.60°E.; ascend 17 ft., over SW.
 slope, to
 17.16 Head of gulch, course SW.; ascend 150 ft., over SW.slope.
 27.30 Ridge, brs.E, and S.70°W.; descend 229 ft. over N.slope.
 38.01 Ravine, course N.50°W.; ascend 16 ft., over SW.slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
 ground, for 1/4 sec. cor., with brass cap, marked

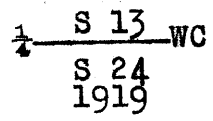


1919
 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.
 Ascend 17 ft., over SW.slope, to
 41.07 Spur, slopes N.60°W.; descend 181 ft., over N.slope.
 50.49 Ravine, course NW.; ascend 94 ft., over SW.slope.
 55.36 Spur, slopes NW.; descend 112 ft., over N.slope.
 60.00 Canyon, course S.50°W.; ascend 356 ft., over S.slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the
 ground, for cor. of secs. 13, 14, 23 and 24, with brass
 cap, marked



Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.
 Land, rough, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering mesquite.
 Undergrowth, dense ocotilla and cactus.

40.00 N.89°55'E., on a random line, bet. secs.13 and 24.
 Set temp. 1/4 sec. cor.
 80.16 Intersect the E bdy. of the Tp., 5 lks. S. of the original
 cor. of secs. 13, 18, 19 and 24, which is an iron post;
 with brass cap, properly marked, and witnessed by a
 mound of stone, W. of cor. No bearing trees.
 Thence,
 S.89°53'W., on a true line, bet. secs.13 and 24.
 Over rough, mountainous land, thru. dense undergrowth, and
 scattering timber.
 Ascend 85 ft., over SE.slope.
 4.80 Ridge; brs. N. 60°E. and S.60°W.; descend 410 ft., over N.
 slope.
 10.00 Old house and corral, brs. S. 18 chs. dist.
 40.08 Canyon, course NW.; true point for 1/4 sec. cor. falls in wash
 of canyon; therefore, at
 40.70 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for witness cor. to 1/4 sec. cor., with brass
 cap, marked

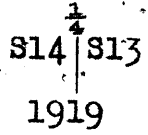


40.80 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Same canyon, course SW.
 46.39 Same canyon, course NW.
 48.10 Same canyon, course S.; ascend 42 ft. over SE.slope.
 51.35 Point of spur, slopes S.; descend 50 ft., over SW.slope.
 56.15 Same canyon, course N.50°W.
 62.50 Same canyon, course S.50°W.; asc. 266 ft., over S.slope, to
 80.16 The cor. of secs. 13, 14, 23 and 24.
 Land, rough mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small palo verde, mountain ash, mesquite,
 and cottonwood.
 Undergrowth, dense ocotilla, cactus and sage brush.

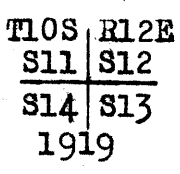
18 Subdivision lines of Township 10 South, Range 12 East.

Chains.

N:0°1'W., bet. secs. 13 and 14.
 Over rough, mountainous land, thru. dense undergrowth and scattering timber.
 Ascend 52 ft., over S.slope.
 Spur, slopes SW.; thence along W.slope.
 Head of gulch, course NW.; ascend 68 ft., over SW.slope.
 Top of spur, slopes NW. from E.; descend 57 ft., over N.slope.
 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 5 ft. base, 3 ft. high, around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked



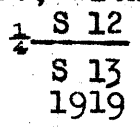
and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Gulch, course N.70°W.; ascend 189 ft., over S.slope.
 Ridge, brs. E and W.; descend 50 ft., over N.slope.
 Head of gulch, course N.60°W.; asc. 50 ft., over S.slope.
 Spur, slopes N.60°W.; desc. 173 ft., over N.slope.
 Canyon, course W.; ascend 152 ft., over S.slope, to
 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, and raise a mound of stone, 4 ft. base, 3 ft. high around same, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked



and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Land, rough, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small palo verde, and mesquite.
 Undergrowth, dense soto, cholla, ocotilla and sage brush.

N. 89°53'E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the E. bdy. of the Tp., 16 lks. S. of the original cor. of secs. 7, 12, 13, and 18, which is an iron post, with brass cap, properly marked and witnessed by a mound of stone on the W. No bearing trees.

Thence,
 S. 89°46'W., on a true line, bet. secs. 12 and 13.
 Over rough, mountainous land, thru. scattering timber and dense undergrowth.
 Head of drain, course N.; asc. 45 ft., over NE.slope.
 Spur, slopes NW.; descend 64 ft., over W.slope.
 Canyon, course N.30°W.; asc. 77 ft., over NE.slope.
 Spur, slopes N.; desc. 112 ft., over W.slope.
 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone 3 ft. base, 2 ft. high around same for $\frac{1}{4}$ sec. cor., with brass cap, marked

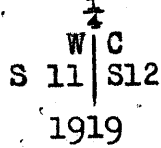


and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Small canyon, course NW., with intermittant flow of water; ascend 179 ft., over NE.slope.
 Spur, slopes NW.; desc. 157 ft., over W.slope.
 Canyon, course N.; asc. 326 ft., over E.slope.
 Ridge, brs. NW. and SE.; desc. slightly over SW.slope, to
 The cor. of secs. 11, 12, 13 and 14.
 Land, rough, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small mountain ash and palo verde.
 Undergrowth, dense soto, cholla, ocotilla and sage brush. and cactus.

Subdivision of Township 10 South, range 12 East.

Chains.

N.0°1'W., bet. secs.11 and 12.
 Over mountainous land, thru. scattering timber and dense undergrowth.
 Ascend slightly, over SW. slope, to
 1.40 Ridge, brs. NW and SE.; descend 460 ft., over N. slope, to
 25.87 Draw, course E.; descend 180 ft., over E. slope, to
 39.00 Left bank of wash, brs. NNW. and SE.
 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, supported by a mound of stone, 3 ft. base, 2½ ft. high, for witness cor. to ¼ sec. cor., marked on brass cap,



40.00 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. Thence in bed of wash, course N.20°W.; descend 10 ft. to Point for ¼ sec. cor. falls in wash. Impracticable to monument the cor. at this point; therefore, set witness cor., as described above.

51.50 Right bank of wash, brs. N.20°W. and S.20°E. Leave wash; thence along near foot of NW. slope.

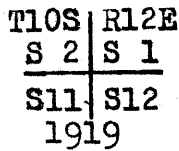
54.50 Wash, 50 lks. wide, 3 ft. deep, course NW. Continue along NW. slope.

58.00 Center of wash, 5 chs. wide, 4 ft. deep, course W.; ascend 290 ft., over SE. slope to sec. cor.

75.06 Old prospect hole, brs. E. 2.00 chs. dist.

80.00 Ridge, brs. N, 70°E. and S. 70°W.

Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock and raise a mound of stone, 4 ft. base, 3 ft. high, around same, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked



Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. From this cor. an old boiler brs. N.29°39'E. Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering small palo verde, catclaw and mesquite. Undergrowth, dense soto, ocotilla and sage brush.

40.00 N.89° 46'E., on a random line, bet. secs. 1 and 12.
 80.43 Set temp. ¼ sec. cor.

Intersect the E. bdy. of the Tp., 10 lks. N. of the original cor. of secs. 1, 6, 7 and 12, which is an iron post, with brass cap, properly marked, and witnessed by a mound of stone on the W. No bearing trees.

Thence,

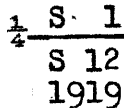
S.89°50'W.; on a true line, bet. secs. 1 and 12.

Over mountainous land, thru. scattering small timber and dense undergrowth.

Descend 316 ft., over SW. slope.

17.47 Drain, course S.; thence along S. slope; not much change in elevation.

40.21½ Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, and raise a mound of stone, 3 ft. base, 2 ft. high, around same, for ¼ sec. cor., with brass cap, marked



61.40 Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.
 80.43 Continue along S. slope, with little change in elevation.
 Drain, course S.; asc. 176 ft., over SE. slope, to

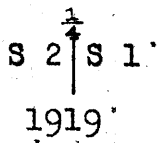
The cor. of secs. 1, 2, 11 and 12.

Land, mountainous.

Soil, rocky, 4th rate. Timber, scattering small mesquite and palo verde. Undergrowth, dense ocotilla and soto cactus.

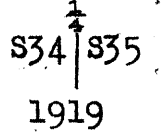
20. Subdivision lines of Township 10 South, Range 12 East.

Chains.
 40.00 N.0°1'W., on a random line, bet. secs. 1 and 2.
 Set a temp. $\frac{1}{4}$ sec. cor.
 80.36 Intersect the N. bdy. of the Tp., 45 lks. W. of the cor. of
 secs. 1, 2, 35 and 36, hereinbefore described.
 Thence,
 S.0°18'W., on a true line, bet. secs. 1 and 2.
 Over rolling land, thru. scattering small timber and dense
 undergrowth.
 1.75 Old road, brs. N 70°E. and S. 70°W.
 9.15 Wash, 30 lks. wide, 2 ft. deep, course S, 80°W.
 16.35 Wash, 20 lks. wide, 2 ft. deep, course S. 60° W.
 18.35 Drain, course W.
 25.35 Drain, course W.
 39.35 Wash, 40 lks. wide, 3 ft. deep, course W.
 40.36 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., of secs. 1 and 2, with brass
 cap, marked

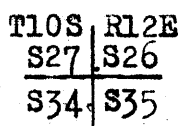


45.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
 Drain, course W. Leave rolling, and enter mountainous land;
 ascend 365 ft., over N. slope to sec. cor.
 48.84 An old boiler, brs. N. 44° 52' E.
 79.25 Fence, brs. W. and N. 60° E.
 80.36 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small palo verde and mesquite.
 Undergrowth, dense cholla and ocotilla.

 From the reestablished standard cor. of secs. 34 and 35, on
 the S. bdy. of the Tp. (2nd Std. Par. S.), hereinbefore
 described,
 N.0°1'W., bet. secs. 34 and 35.
 Over mountainous land, thru. dense undergrowth and scat-
 tering timber.
 .40 Enter wash, 35 lks. wide, 3 ft. deep, course S. 10° W. from N.;
 thence in wash, to
 2.70 Leave wash, course S. from NE.; ascend 520 ft., over SE. slope.
 18.07 Small drain, course SE.
 30.73 Spur, slopes SE.; descend 83 ft., over NE. slope.
 38.11 Small canyon, course S. 60° E.; ascend 50 ft., over SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



41.67 Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Spur, slopes SE.; descend 40 ft., over N. slope.
 45.11 Canyon, course S. 40° E.; asc. 461 ft., over S. slope.
 53.42 Rocky ledge, brs. E and W.
 64.10 Ridge, brs. NE. and SW.; descend 145 ft., over NW. slope.
 69.24 Draw, course NW.; ascend 15 ft.
 72.34 Small spur, slopes W.; descend 25 ft.
 75.49 Draw, course SW.; ascend 88 ft., over SW. slope, to
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
 and raise a mound of stone, 5 ft. base, 3 ft. high, around
 same, for cor. of secs. 26, 27, 34 and 35, with brass cap,
 marked



1919

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

Subdivision lines of Township 10 South, Range 12 East. 21

Chains.

Land, rough, mountainous.
Soil, rocky and gravelly, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, dense scrub oak, ocotilla and soto cactus.

40.00 East, on a random line, bet. secs. 26 and 35.
Set a temp. $\frac{1}{4}$ sec. cor.
80.07 Intersect the N. and S. line, 26 lks. S. of the cor. of secs.
25, 26, 35 and 36.

Thence,
S. $89^{\circ}49'W.$, on a true line, bet. secs. 26 and 35.
Over mountainous land, thru. dense undergrowth and scattering timber.

Descend 195 ft., over NW. slope.
20.38 Draw, course SW.; thence along S. slope.
35.75 Gulch, course S.; thence along N. slope.
40.03 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
the ground, on bed rock; and raise a mound of stone,
4 ft. base, 2 ft. high, around same, for $\frac{1}{4}$ sec. cor.,
with brass cap, marked

$\frac{1}{4}$ S 26
S 35
1919

43.55 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Head of gulch, crossed at 35.75 ch. station, course N. $60^{\circ}E.$;
ascend 275 ft., over E. slope.

58.55 Ridge, brs. N. and S. $40^{\circ}W.$; descend 145 ft., over NW. slope.

76.75 Spur, slopes NW.; continue descent.

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

Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattering palo verde and mesquite.
Undergrowth, dense sage brush, and soto and ocotilla cactus.

N. $0^{\circ}1'W.$, bet. secs. 26 and 27.
Over rough mountainous land, thru. dense undergrowth and scattering timber.

Ascend 61 ft., over S. slope.
3.37 Spur, slopes W.; descend 179 ft., over NW. slope.
9.56 Ravine, course W.; ascend 52 ft., over S. slope.
13.52 Spur, slopes N. $30^{\circ}W.$; descend 265 ft., over NW. slope.
24.86 Canyon, course S. $70^{\circ}W.$; ascend 92 ft., over SW. slope.
33.01 Spur, slopes NW.; thence along W. slope.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
and raise a mound of stone, 5 ft. base, 3 ft. high,
around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S27 | S26
1919

43.04 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Drain, course W.; ascend 83 ft., over SE. slope.

48.50 Ridge, brs. SE. and NW.; descend 165 ft., over NE. slope.

60.25 Drain, course E.; ascend 50 ft., over S. slope.

63.00 Spur, slopes S. $70^{\circ}E.$; descend 140 ft., over N. slope.

72.44 Canyon, course W., with intermittent water seepage; ascend
46 ft., over S. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
in the ground, for cor. of secs. 22, 23, 26 and 27, with
brass cap, marked

T10S | R12E
S22 | S23
S27 | S26
1919

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

22 Subdivision lines of Township 10 South, Range 12 East.

Chains.

Land, rough, mountainous. Soil, rocky, 4th rate.
 Timber, scattering small palo verde and mesquite.
 Undergrowth, dense sage brush and ocotilla and soto cactus.

40.00 N.89° 49'E., on a random line, bet. secs. 23 and 26.
 Set temp. $\frac{1}{4}$ sec.cor.

80.10 Intersect the N. and S. line, 33 lks.N. of the cor. of
 secs. 23, 24, 25 and 26.

Thence,

N.89°57'W., on a true line, bet. secs.23 and 26.

Over mountainous land, thru. dense undergrowth and scattering timber.

10.85 Descend 75 ft., over N. slope, to
 Canyon, course S.70°W.

17.00 Descend 25 ft., over SW.slope, to

34.60 Draw, course S.; ascend 133 ft., over SE.slope.

36.93 Ruins of old cabin, brs.S., 15 chs.dist.

Point of spur, slopes S,60°W.; descend 267 ft., over W.
 slope.

40.05 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked

$\frac{1}{4}$ S 23
 S 26
 1919

52.10 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Wash, 30 lks.wide, 3 ft. deep, course S. 40°W.; thence
 along S. slope, to

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

Land, rough, mountainous.

Soil, rocky, 4th rate.

Timber, scattering small palo verde and mesquite.

Undergrowth, dense ocotilla and soto cactus.

N.0°1'W., bet. secs. 22 and 23.

Over mountainous land, thru. dense undergrowth and scattering timber.

Ascend 25 ft., over SW. slope.

7.68 Saddle in ridge, brs.E. and W.; descend 30 ft., over NW.
 slope.

18.61 Wash, 20 lks.wide, 2 ft. deep, course W.; asc. 67 ft., over S.
 slope.

27.30 Saddle in ridge, brs.E. and W.; descend 72 ft., over N.
 slope.

33.90 Drain, course W.; ascend 45 ft., over S.slope.

40.00 Spur, slopes W.; descend 73 ft., over NW.slope.

Set an iron post, 3 ft.long, 1 in. in diam., on bed rock,
 and raise a mound of stone, 6 ft. base, 3 ft. high,
 around same, for $\frac{1}{4}$ sec.cor., with brass cap, marked

$\frac{1}{4}$
 S22 | S23
 1919

44.96 Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Drain, course W.; ascend 131 ft., over S.slope.

51.32 Ridge, brs.E. and W.; descend 262 ft. over N.slope.

74.17 Canyon, course N.80° W.; ascend 33 ft., over SW.slope, to

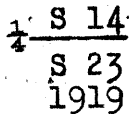
80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.
 in the ground, for cor. of secs. 14, 15, 22 and 23, with
 brass cap, marked

T10S | R12E
 S15 | S14
 S22 | S23
 1919

Chains.

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rough, mountainous. Soil, rocky, 4th rate. Timber, scattering small palo verde and cottonwood. Undergrowth, dense sage brush and soto cactus.

40.00 S. 89° 57' E., on a random line, bet. secs. 14 and 23. Set temp. 1/4 sec. cor. 80.13 Intersect the N. and S. line, 3 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence, N. 89° 56' W., on a true line, bet. secs. 14 and 23. Over mountainous land, thru. dense undergrowth and scattering timber. 2.15 Spur, slopes SW.; descend 116 ft., over W. slope. 10.42 Gulch, course SW.; ascend 51 ft. 15.00 Spur, slopes SW.; descend 40 ft., over W. slope. 19.60 Drain, course S.; ascend 211 ft., over E. slope. 29.10 Spur, slopes S. 34.70 Spur, slopes SW.; descend 288 ft., over W. slope. 40.06 1/2 Set an iron post 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 6 ft. base, 3 ft. high around same, for 1/4 sec. cor., with brass cap, marked



49.26 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. 64.60 Drain, course S. 70° W.; ascend 215 ft., over SE. slope. Point of spur, slopes S. 60° W.; descend 142 ft., over W. slope. 74.60 Drain, course SW.; ascend 20 ft. to 80.00 The cor. of secs. 14, 15, 22 and 23. Land, rough, mountainous. Soil, rocky, 4th rate. Timber, scattering small mesquite and palo verde. Undergrowth, dense ocotilla and soto cactus.

N. 0° 1' W., bet. secs. 14 and 15. Over mountainous land, thru. dense undergrowth and scattering timber. 1.00 Drain, course S. 10° W.; ascend 290 ft., over S. slope. 18.96 Spur, slopes N. 60° W.; descend 147 ft., over NW. slope. 31.09 Canyon, course W.; ascend 89 ft., over SW. slope. 36.57 Spur, slopes W.; descend 108 ft., over N. slope. 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 6 ft. base, 3 ft. high, around same, for 1/4 sec. cor., with brass cap, marked



44.92 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor. 48.93 Gulch, course W.; ascend 56 ft., over SW. slope. 60.84 Spur, slopes S. 50° W.; descend 243 ft., over NW. slope. 78.93 Canyon, course W.; ascend 714 ft., over S. slope. 80.00 Ridge, brs. SE. and SW.; descend slightly over N. slope, to Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, and raise a mound of stone, 6 ft. base, 3 ft. high, around same, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked

24 Subdivision lines of Township 10 South, Range 12 East.

Chains.

T10S	R12E
S10	S11
S15	S14

1919

Raise a mound of stone, 3 ft. base, 2 ft. high, W of cor.
From this cor., U.S. Mineral Monument No.2 of the Owl Head
District, brs. N.69°30'W.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, small palo verde.
Undergrowth, dense ocotilla and soto cactus.

40.00
80.10

S.89°56'E., on a random line, bet. secs.11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect the N. and S. line, 16 lks. N. of the cor. of
secs. 11, 12, 13 and 14.

Thence,
N:89°49'W., on a true line, bet. secs. 11 and 14.
Over mountainous land, thru. dense undergrowth and scat-
tering timber.

40.05

Descend 510 ft. over SW. slope.
Set an iron post 3 ft. long, 1 in. in diam., on bed rock,
and raise a mound of stone, 6 ft. base, 3 ft. high
around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 11

S 14

1919

40.60
47.00
49.10
51.40
58.23
80.10

Raise a mound of stone, 2 $\frac{1}{2}$ ft. high, 3 ft. base, N. of cor.
Canyon, course NW.; ascend 120 ft., over NE. slope.

Point of spur, slopes N.; descend 42 ft., over NW. slope.

Drain, course N.; ascend 101 ft., over NE. slope.

Spur, slopes N.; descend 187 ft., over NW. slope.

Drain, course N.; ascend 370 ft., over broken N. slope, to

The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering small palo verde.

Undergrowth, dense ocotilla and soto cactus.

33.80

N.0° 1'W., bet. secs. 10 and 11.

Over mountainous land, thru. dense undergrowth and scat-
tering timber.

Descend 990 ft., over N. slope.

Left bank of wash, 4 ft. deep, course S.50°W.; also, mouth
of canyon from the SE.

38.80

Right bank of same wash, course S.50°W.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S10 | S11

1919

53.34

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Ascend 300 ft., over S. slope.

Ridge, brs. N.60°E. and S.60°W.; descend 325 ft., over N.
slope, to

68.96

Drain, course N.60°W. from S.10°E.; descend 140 ft., over
NW. slope, to

79.48

Drain, course N.30°W.

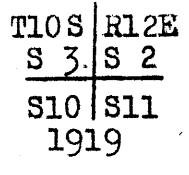
80.00

Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock,
and raise a mound of stone, 6 ft. base, 2 ft. high

Subdivision lines of Township 10 South, Range 12 East. 25

Chains.

around same, for cor. of secs. 2, 3, 10 and 11, with brass cap, marked

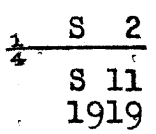


Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering small palo verde and mesquite. Undergrowth, dense ocotilla and soto cactus.

40.00 S. 89° 49' E., on random line, bet. secs. 2 and 11. Set temp. 1/4 sec. cor.
80.13 Intersect the N. and S. line, 19 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence, N. 89° 41' W., on a true line, bet. secs. 2 and 11. Over mountainous land, thru. dense undergrowth and scattering timber. Descend 360 ft., over N. slope to 1/4 sec. cor., along fence E. and W.

40.06 1/2 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 5 ft. base, 3 ft. high, around same, for 1/4 sec. cor., with brass cap, marked

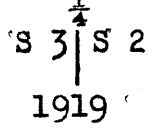


49.25 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Descend 120 ft., over NW. slope, to sec. cor.
64.00 Drain, course N. 30° W.
74.10 Drain, course N. 30° W.
79.15 Drain, course NW.
Fence cor. brs. N. 40 lks. dist., from which fence extends N. and E.
80.13 The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering small palo verde. Undergrowth, dense ocotilla and soto cactus.

40.00 N. 0° 18' E., on a random line, bet. secs. 2 and 3. Set temp. 1/4 sec. cor.
80.16 Intersect the N. bdy. of the Tp., at the cor. of secs. 2, 3, 34 and 35, hereinbefore described.

Thence, S. 0° 18' W., on a true line, bet. secs. 2 and 3. Over rolling land, thru. medium undergrowth, W. of and parallel to fence.

1.00 Wash, 30 lks. wide, 4 ft. deep, course S. 70° W.
6.15 Wash, 30 lks. wide, 4 ft. deep, course W.
13.15 Drain, course SW.
32.15 Wash, 20 lks. wide, 2 ft. deep, course S. 70° W.
40.16 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



40.70 Dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.
43.15 Wash, 30 lks. wide, 2 ft. deep, course S. 70° W.
48.15 Drain, course W.
Road, brs. N. 60° E., and S 60° W.

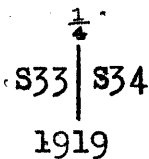
26 Subdivision lines of Township 10 South, Range 12 East.

Chains.

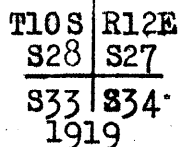
- 63.10 Wash, 200 lks. wide, 2 ft. deep, course S.70°W.
- 73.10 Drain, course SW.
- 78.00 Drain, course NW.
- 79.76 Fence cor. brs. E. 100 lks. dist. from which fence extends N. and E.
- 80.16 The cor. of secs. 2, 3, 10 and 11.
Land, rolling.
Soil, rocky and gravelly, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, medium ocotilla and cholla.

From reestablished std. cor. of secs. 33 and 34, on S. bdy. of the Tp., (2nd. Std. Par. S.), hereinbefore described, N. 0° 2' W., bet. secs. 33 and 34.

- Over mountainous land, thru, dense undergrowth and scattering timber.
- Ascend 379 ft., over SE. slope.
- 12.50 Ridge, brs. NE. and SW.; descend 408 ft., over NW. slope.
- 32.90 Wash, 60 lks. wide, 8 ft. deep, course W.; ascend 131 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

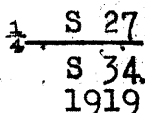


- 44.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Spur, slopes W.; descend 159 ft., over N. slope.
- 52.80 Wash, 20 lks. wide, 8 ft. deep, course S.85°W. from E. Ascend 100 ft., over S. slope.
- 60.60 Spur, slopes W.; descend 102 ft. over N. slope.
- 65.30 Draw, course W.; ascend 45 ft.
- 71.10 Spur, slopes W.; descend 209 ft., over N. slope, to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, and raise a mound of stone, 5 ft. base, 2 $\frac{1}{2}$ ft. high, around same, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous.
Soil, rocky granite, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, dense catclaw, ocotilla and cholla cactus.

- 40.00 East, on a random line, bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect the N. and S. line, 28 lks. N. of the cor. of secs. 26, 27, 34 and 35.
Thence
N. 89° 48' W., on a true line, bet. secs. 27 and 34.
Over mountainous land, thru. dense undergrowth and scattering timber.
- 29.75 Descend 180 ft., over SW. slope.
- 39.97 Draw, course N. 30° W.; thence along N. slope.
Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, and raise a mound of stone, 4 ft. base, 2 ft. high, around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked



Subdivision lines of Township 10 South, Range 12 East. 27

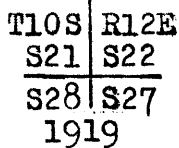
Chains.

53.25 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 72.25 Draw, course S. 50° W.; descend 100 ft. over S. slope.
 79.94 Draw, course N. 85° W.; descend 150 ft., over N. slope, to
 The cor. of secs. 27, 28, 33 and 34.
 Land, mountainous.
 Soil, rocky granite, 4th rate.
 Timber, scattering mesquite and palo verde.
 Undergrowth, dense ocotilla, sage brush and sahuaro cactus.

N. 0° 2' W., bet. secs. 27 and 28.
 Over mountainous land, thru. dense undergrowth and scattering timber.
 Descend 78 ft., over N. slope.
 2.80 Wash, 60 lks. wide, 12 ft. deep, course W.; ascend 89 ft. over SW. slope.
 9.20 Spur, slopes W.; descend 95 ft., over NW. slope.
 13.39 Wash, 30 lks. wide, 4 ft. deep, course S. 40° W.; ascend 100 ft. over S. slope.
 23.50 Ridge, brs. N. 80° E. and W.
 29.00 Spur, slopes NW.; descend 353 ft., over N. slope,
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 5 ft. base, 2 1/2 ft. high around same, for 1/4 sec. cor., with brass cap, marked



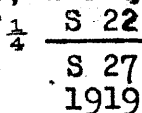
44.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 51.65 Wash, 120 lks. wide, 30 ft. deep, course N. 80° W.
 Ravine, 30 lks. wide, 15 ft. deep, course S. 50° W., and ascend 340 ft., over broken SW. slope, to
 66.70 Ascend 150 ft., over broken W. slope, to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., on bed rock, and raise a mound of stone, 5 ft. base, 2 1/2 ft. high, around same, for cor. of secs. 21, 22, 27 and 28, with brass cap, marked



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky granite, 4th rate.
 Timber, scattering small palo verde.
 Undergrowth, dense catclaw, ocotilla, and sahuaro and cholla cactus.

40.00 S. 89° 48' E., on a random line, bet. secs. 22 and 27.
 79.96 Set temp. 1/4 sec. cor.
 Intersect the N. and S. line, 21 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence,
 N. 89° 57' W., on a true line, bet. secs. 22 and 27.
 Over mountainous land, thru. dense undergrowth.
 Descend 64 ft., over SW. slope, to
 5.60 Ascend 50 ft., over SE. slope.
 7.70 Spur, slopes SW.; descend 153 ft., over W. slope.
 39.98 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, and raise a mound of stone, 4 ft. base, 2 ft. high, around same, for 1/4 sec. cor.; with brass cap;

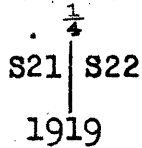


28 Subdivision lines of Township 10 South, Range 12 East.

Chains.

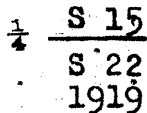
43.60 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Wash, 50 lks. wide, 6 ft. deep, course S. 50° W.; ascend 282 ft.
over SE. slope.
60.40 Spur, slopes S.; descend 50 ft.
64.50 Head of ravine, course S.; ascend 83 ft., over SE. slope.
71.40 Ridge, brs. N. 10° E. and S.; descend 315 ft. over W. slope, to
79.96 The cor. of secs. 21, 22, 27 and 28.
Land, mountainous.
Soil, rocky, granite formation, 4th rate.
Undergrowth, dense palo verde, catclaw, and ocotilla and
sahuaro and cholla cactus.
No timber.

N. 0° 02' W., bet. secs. 21 and 22.
Over mountainous land, thru. dense undergrowth.
Along broken W. slope.
15.00 Spur, slopes W.; continue along W. slope.
30.90 Spur, slopes W.; descend 124 ft., over broken NW. slope.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
and raise a mound of stone, 4 1/2 ft. base, 2 1/2 ft. high
around same, for 1/4 sec. cor., with brass cap, marked



43.70 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
61.30 Wash, 40 lks. wide, 20 ft. deep, course W.; ascend 40 ft.
72.00 Spur, slopes W. from SE.; descend 52 ft., over N. slope.
80.00 Small canyon, course W.; ascend 60 ft., over SW. slope, to
True point for cor. of secs. 15, 16, 21 and 22 falls on rocky
ledge, where it is impracticable to monument the cor.
Establish witness cor. at 1.00 ch. N. 0° 2' W., as herein-
after described.
Land, mountainous.
Soil, rocky, granite formation, 4th rate.
Undergrowth, dense palo verde and catclaw, cactus, cholla
and sahuaro.
No timber.

40.00 From true point for cor. of secs. 15, 16, 21 and 22,
S. 89° 57' E., on a random line, bet. secs. 15 and 22.
79.86 Set temp. 1/4 sec. cor.
Intersect N. and S. line, 2 lks. N. of the cor. of secs. 14,
15, 22 and 23.
Thence,
N. 89° 56' W., on a true line, bet. secs. 15 and 22.
0.17 Over mountainous land, thru. dense undergrowth.
Drain, course SW.
Descend 224 ft., over SW. slope.
15.65 Wash, 50 lks. wide, 6 ft. deep, course N. 40° W.; ascend 171 ft.
over NE. slope.
26.85 Ridge, brs. N. 20° W. and S.; descend 142 ft., over W. slope.
39.93 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for 1/4 sec. cor., with brass cap, marked



41.35 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
52.45 Wash, 15 lks. wide, 4 ft. deep; ascend 57 ft., over NE. slope.
79.86 Top of spur, slopes W. from SE.; descend 207 ft. along top
of spur, to
The point for cor. of secs. 15, 16, 21 and 22.
Land, mountainous.
Soil, rocky, granite formation, 4th rate.

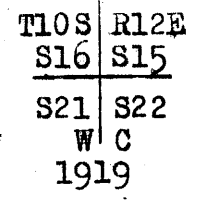
Course NW from NE

Subdivision lines of Township 10 South, Range 12 East. 29

Chains.

Undergrowth, dense catclaw, mesquite and ocotilla, cactus, soto, sahuaro and cholla.
No timber.

1.00 From the true point for cor. of secs. 15, 16, 21 and 22, N. 0° 2' W., bet. secs. 15 and 16.
Over mountainous land, thru. dense undergrowth.
Descend 38 ft., over N. slope.
Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock and raise a mound of stone, 5 ft. base, 2 1/2 ft. high, around same, for witness cor. to cor. of secs. 15, 16, 21 and 22, with brass cap, marked.



9.25 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Wash, 30 lks. wide, 3 ft. deep, course W.; ascend 153 ft. over SW. slope.

18.80 Spur, slopes W.; descend 214 ft., over NW. slope.

27.60 Wash, 140 lks. wide, 10 ft. deep, course W.; ascend 206 ft. over S. slope.

34.10 Spur, slopes S. 40° W.; thence over broken W. slope; ascend 70 ft. to

39.44 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 5 ft. base, 2 1/2 ft. high, around same for witness cor. to 1/4 sec. cor., with brass cap, marked



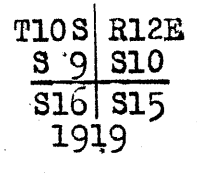
40.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Descend 80 ft. to spur.
True point for 1/4 sec. cor. falls on rocky ledge, where it is impracticable to monument said cor.

47.10 Spur, slopes W.; descend 70 ft., over NW. slope.

52.85 Draw, course W.; ascend 126 ft., over SW. slope.

71.40 Low spur, slopes S. 80° W. from E.; descend 40 ft. over NW. slope, to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, and raise a mound of stone, around same, 5 ft. base, 2 1/2 ft. high, for cor. of secs. 9, 10, 15 and 16, with brass cap, marked



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous.
Soil, rocky granite formation, 4th rate.
Undergrowth, dense palo verde, catclaw, ocotilla and cactus.
No timber.

40.00 S. 89° 56' E., on a random line, bet. secs. 10 and 15.
Set temp. 1/4 sec. cor.

79.80 Intersect the cor. of secs. 10, 11, 14 and 15.
Thence,
N. 89° 56' W., bet. secs. 10 and 15, on a true line.

30 Subdivision lines of Township 10 South, Range 12 East.

Chains.

Over mountainous land, thru. dense undergrowth.
 Descend 780 ft., over steep rocky NW. slope.
 35.10 Draw, course N.20°W.; ascend 213 ft., over NE. slope.
 39.90 Set an iron post 3 ft. long, 1 in. in diam., on bed rock,
 and raise a mound of stone, 4½ ft. base, 2½ ft. high,
 around same, for ¼ sec. cor., with brass cap, marked

1/4 S 10
 S 15
 1919

40.80 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 48.80 Spur, slopes N.; descend 298 ft., over NW. slope.
 48.80 Stone cabin brs. N.15 chs. dist.
 48.80 Stone corral brs. North, 17 chs. dist.
 62.80 Draw, course N.20°W.; thence over broken N. slope, to
 79.80 The cor. of secs. 9, 10, 15 and 16.
 Land, mountainous.
 Soil, rocky, granite formation, 4th rate.
 Undergrowth, dense palo verde and catclaw.
 No timber.

N.0°2'W., bet. secs. 9 and 10.

Over mountainous land, thru. dense undergrowth.
 Descend 80 ft., over NW. slope.
 13.50 House brs. E. 3 chs. dist.
 14.00 Wash, course S.80°W.; ascend 120 ft., over SW. slope of hill.
 16.60 Road brs. E. and W.
 16.75 From this point, cor. No. 3 (SW. cor.) "Home Stake" unpat-
 ented lode mining claim, Mineral Survey No. 3079, which
 is a 1 in. iron post, 18 ins. above ground, marked "Cor-
 ner No. 3," on N. side of brass cap, brs. S.72°35'W., 13.34
 chs. dist.
 22.00 Group of ruined stone houses about 12 in number, extending
 from 2 chs. E. to 5 chs. W. of line.
 27.29 Top of ascent on W. side of hill, the top of which brs. E.
 about 8 chs. dist. U.S. Mineral Monument on top of
 this hill, brs. S.86°05'E., 8.24 chs.
 Descend 40 ft., over NW. slope, to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground, and raise a mound of stone, 4 ft. base, 2
 ft. high, around same, for ¼ sec. cor., with brass cap,
 marked

1/4
 S 9 | S 10
 1919

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Leave mountainous, and enter rolling land, draining SW.;
 descend 50 ft. to sec. cor.
 44.00 Wash, 15 lks. wide, 4 ft. deep, course N.50° W.
 58.40 Wash, 170 lks. wide, 3 ft. deep, course S.60°W.
 64.40 Road brs. S.80°W. and N.80°E.
 69.30 Wash, 20 lks. wide, 3 ft. deep, course S.50° W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in in diam., 24 ins.
 in the ground, for cor. of secs. 3, 4, 9 and 10, with
 brass cap, marked

T10S | R12E
 S 4 | S 3
 S 9 | S 10
 1919

from which,

A mesquite, 4 ins. in diam., brs. S.60°W., 18 lks.
 dist., marked T10S R12E S9BT.
 No other trees available; raise a mound of stone, 3 ft.
 base, 2 ft. high, W. of cor.
 Land, mountainous and rolling.

Subdivision lines of Township 10 South, Range 12 East.

Chains.

Soil, rocky, 4th rate in south half; sandy, 3rd rate, in north half.
Undergrowth, dense palo verde and mesquite.
No timber.

40.00 S. 89° 56' E., on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.
79.88 Intersect the cor. of secs. 2, 3, 10 and 11.
Thence,
N. 89° 56' W., on a true line, bet. secs. 3 and 10.
Over rolling land, thru. dense undergrowth.
.50 Wash, 15 lks. wide, 4 ft. deep, course N. 20° W.
15.30 Wash, 20 lks. wide, 10 ft. deep, course N.
25.60 Left bank of wash, 25 ft. high, brs. N. 50° E. and S. 50° W.
Thence across wash, course S. 50° W.
32.30 Right bank of wash, 5 ft. high, brs. N 50° E., and S. 50° W.
Leave wash.
39.94 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground, and raise a mound of stone, 4 ft. base, 1 $\frac{1}{2}$ ft. high around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 3
S 10
1919

53.30 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Road, brs. N. 70° E. and S. 70° W.
66.20 Wash, 10 lks. wide, 2 ft. deep, course S. 50° W.
79.88 The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, rocky and decomposed granite, 4th rate.
Undergrowth, dense palo verde, catclaw, sage brush, ocotilla and sahuaro and colla cactus.
No timber.

40.00 N. 0° 18' E., on random line, bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. bdy. of Tp., 18 lks. E. of cor. of secs. 3, 4, 33 and 34, hereinbefore described.
Thence,
S. 0° 10' W., on true line, bet. secs. 3 and 4.
Over rolling land, thru. dense undergrowth; ascend 80 ft. over N. slope.
8.30 Top of short ridge, brs. N. 60° E. and S. 60° W.; descend 75 ft. over S. slope.
23.60 Wash, 20 lks. wide, 1 ft. deep, course S. 60° W.; thence over rolling SW. slope to sec. cor.
39.98 Set an iron post 3 ft. long; 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

S 4 | S 3
1919

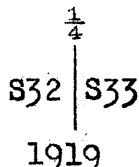
55.40 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
71.30 Wash, 10 lks. wide, 1 ft. deep, course S. 70° W.
79.98 Wash, 50 lks. wide, 3 ft. deep, course S. 50° W.
The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, sandy decomposed granite, 4th rate.
Undergrowth, palo verde, mesquite, ironwood, catclaw, ocotilla, cholla and sahuaro cactus.
No timber.

From reestablished std. cor. of secs. 32 and 33, on the S. bdy. of the Tp. (2nd Std. Par. S.), hereinbefore described,

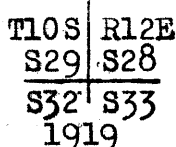
32. Subdivision lines of Township 10 South, Range 12 East.

Chains.

N.0° 2' W., bet. secs. 32 and 33.
 Over mountainous land, thru. dense undergrowth.
 Descend 81 ft., over NW. slope.
 7.45 Canyon, course W.; ascend 138 ft., over SW. slope.
 12.73 Spur, slopes W.
 15.77 Spur, slopes N.60°W.; descend 178 ft., over N. slope.
 21.33 Canyon, course W.; ascend 56 ft., over S. slope.
 24.10 Spur, slopes S.70°W.; descend 112 ft., over N. slope.
 29.86 Drain, course W.; thence along SW. slope.
 37.98 Canyon, course S.30° W.; ascend 125 ft. over S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock,
 and raise a mound of stone, 5 ft. base, 3 ft. high,
 around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

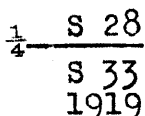


45.80 Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Ridge, brs. NE. and SW.; descend 202 ft. over NW. slope.
 73.05 Wash, 20 lks. wide, 2 ft. deep, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., on bed rock,
 and raise a mound of stone, 5 ft. base, 3 ft. high,
 around same, for cor. of secs. 28, 29, 32 and 33, with
 brass cap, marked



Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, granite formation, 4th rate.
 Undergrowth, dense mesquite, palo verde, ironwood, ocotilla,
 cholla, sage brush and sahuaro cactus.
 No timber.

 East, on a random line, bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.09 Intersect the N. and S. line, 28 lks. S. of the cor. of secs.
 27, 28, 33 and 34.
 Thence
 S.89°48'W., on a true line, bet. secs. 28 and 33.
 Over mountainous land, thru. dense undergrowth and scat-
 tering timber.
 Descend 165 ft., over NW. slope.
 13.00 Drain, course N.; thence along N. slope.
 33.60 Canyon, course S.70°W.
 36.60 Same canyon, course N.60°W.; ascend 54 ft., over E. slope.
 40.04 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

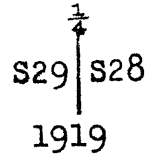


52.20 Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
 Point of spur, slopes N.; descend 125 ft., over W. slope.
 62.60 Canyon, course NW.; ascend 48 ft., over E. slope.
 67.10m Spur, slopes NW.; descend 41 ft., over W. slope.
 76.00 Drain, course NW.; thence over NW. slope, to
 80.09 The cor. of secs. 28, 29, 32 and 33.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scattering small mesquite and palo verde.
 Undergrowth, dense ocotilla and soto cactus.

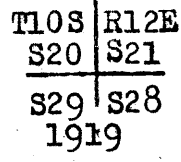
Subdivision lines of Township 10 South, Range 12 East. 33

Chains.

2.95 N.0° 2'W., bet. secs.28 and 29.
 19.96 Over rolling land; thru. dense undergrowth.
 29.97 Drain, course W.
 40.00 Wash, 50 lks.wide, 5 ft. deep, course S.60°W.
 Drain, course SW.
 Set an iron post, 3 ft.long, 1 in. in diam., on bed rock,
 and raise a mound of stone, 5 ft.base, 2½ ft.high
 around same, for ¼ sec.cor., with brass cap, marked



45.08 Raise a mound of stone, 2½ ft.base, 2 ft. high, W.of cor.
 62.84 Wash, 100 lks.wide, 5 ft. deep, course SW.
 66.93 Drain, course W.
 80.00 Old cabin and well, brs.N.30°54'W.
 Same old cabin and well, brs.N.38°52'W.
 Set an iron post 3 ft.long, 2 ins.in diam., on bed rock,
 and raise a mound of stone, 5 ft.base, 3 ft.high,
 around same, for cor.of secs.20,21,28 and 29, with
 brass cap, marked

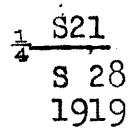


Raise a mound of stone, 3 ft.base, 2 ft. high, W.of cor.
 Land, rolling.
 Soil, rocky, granite formation, 4th rate.
 Undergrowth, scrub ironwood, mesquite, palo verde, ocotilla
 and sahuaro and cholla cactus.
 No timber.

40.00 N.89°48'E., on a random line, bet. secs. 21 and 28.
 80.01 Set temp.¼ sec.cor.
 Intersect the N. and S. line, 3 lks.S.of the cor.of secs.
 21,22,27 and 28.

Thence,
 S.89° 47' W., on a true line, bet. secs.21 and 28.
 Over mountainous land, thru. dense undergrowth and scat-
 tering timber.

40.00 Descend 618 ft., over general W.slope.
 Set an iron post, 3 ft.long, 1 in. in diam., on bed rock,
 and raise a mound of stone, 5 ft. base, 3 ft.high,
 around same, for ¼ sec.cor., with brass cap, marked



50.00 Raise a mound of stone, 3 ft.base, 2 ft.high, N.of cor.
 Enter wash, 20 lks.wide, 2 ft. deep, course W.from SE.;
 thence in wash. Leave mountainous and enter rolling
 land.

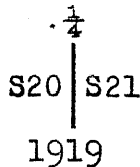
56.86 Leave same wash, course N.70°W. from E.
 80.01 The cor.of secs. 20,21, 28 and 29.
 Land; mountainous and rolling.
 Soil, rocky, granite formation, 4th rate.
 Timber, scattering small ironwood, palo verde and mesquite.
 Undergrowth, dense ocotilla and cholla cactus.

N.0°02'W., bet. secs. 20 and 21.
 Over rolling land, thru. dense undergrowth, and scattering
 timber.

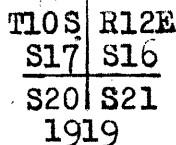
34 Subdivision lines of Township 10 South, Range 12 East.

Chains.

- 8.99 Drain, course W.
- 25.98 Wash, 20 lks. wide, 2 ft. deep, course SW.
- 36.77 Drain, course W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 4 1/2 ft. base, 3 ft. high around same, for 1/4 sec. cor., with brass cap, marked

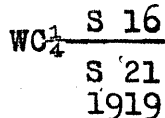


- 52.00 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. From this cor., old cabin and well, brs. S. 84° 50' W. Left bank of wash, brs. NE. and SW. Thence across wash, 3 ft. deep, course SW.
- 62.80 Right bank of wash, brs. NE. and SW. Leave wash.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap, marked



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. From this cor., an old cabin, brs. SE., 12 chs. dist. Land, rolling. Soil, rocky, granite formation, 4th rate. Timber, scattering small palo verde, mesquite and iron-wood. Undergrowth, dense greasewood, ocotilla and cholla cactus.

- 40.00 N. 89° 47' E., on a random line, bet. secs. 16 and 21. Set temp. 1/4 sec. cor.
- 80.08 Intersect N. and S. line, 5 lks. N. of true point for cor. of secs. 15, 16, 21 and 22. Thence, S. 89° 49' W., on a true line, bet. secs. 16 and 21. Over mountainous land, thru. dense undergrowth and scattering timber. Descend 198 ft., over W. slope.
- 9.00 Enter canyon from SE., course W.; thence in canyon.
- 15.00 Leave canyon, course SW. from E.; ascend 30 ft.
- 22.30 Point of rocky spur, slopes S.; descend 233 ft., over SW. slope.
- 33.00 Foot of slope from spur, brs. NW. and SE. Leave mountainous and enter rolling land.
- 39.58 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., with brass cap, marked



- 40.04 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. True point for 1/4 sec. cor. falls in wash, course NW., where it is impracticable to monument the cor.; therefore, at a point 46 lks. N. 89° 49' E. establish witness cor. as described above.
- 43.86 Same wash, course SW.
- 56.73 Wash, 250 lks. wide, 5 ft. deep, course S. 30° W.
- 69.60 Drain, course S.
- 80.08 The cor. of secs. 16, 17, 20 and 21. Land, mountainous and rolling. Soil, rocky, granite formation, 4th rate. Timber, scattering small ironwood, mesquite and palo verde. Undergrowth, dense ocotilla and cholla cactus.

Subdivision lines of Township 10 South, Range 12 East. 35

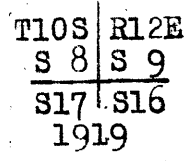
Chains.

N.0°2'W., bet. secs.16 and 17.
Over rolling land, thru. dense undergrowth and scattering timber.

- 10.20 Wash, 20 lks.wide, 2 ft.deep, course S.30°W.
- 22.40 Road brs.N.10°E. and S.10° W.
- 30.40 Same road brs.N.10°W. and S.10°E.
- 40.00 Set an iron post, 3 ft.long; 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked.

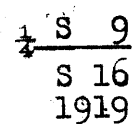


- 46.30 Dig pits, 18x18x12 ins., N.and S of post, 3 ft. dist.
- 53.40 Same road brs.N.20°E. and S.20°W:
- 53.40 Old road, brs.E. and W.
- 56.40 Wash, 100 lks.wide, 2 ft. deep, course S.70°W.
- 63.40 Wash, course W., 100 lks.wide, 2 ft. deep.
- 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.8,9,16 and 17, with brass cap, marked



Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. from cor.
Land, rolling.
Soil, rocky granite, 4th rate.
Timber, scattering small mesquite, ironwood and palo verde.
Undergrowth, dense greasewood and cholla cactus.

- 40.00 N.89°49'E., on a random line, bet. secs.9 and 16.
- 80.20 Set temp. $\frac{1}{4}$ sec.cor.
- 80.20 Intersect N. and S. line, 14 lks.N.of cor. of secs.9,10, 15 and 16.
- Thence,
S.89°55'W., on a true line, bet. secs.9 and 16.
- Over rolling land, thru. dense undergrowth and scattering timber.
- 10.04 Drain, course N.20°W.
- 18.41 Left bank of wash, brs.NE. and SW.; thence across wash, 3 ft.deep, course SW.
- 27.23 Right bank of wash, brs.NE. and SW. Leave wash.
- 27.23 Stone dam, 100 ft.long, 10 ft.high and 5 ft. thick, brs. S.150 lks.dist. This dam runs NW. and SE.across wash.
- 40.10 Set an iron post, 3 ft.long, 1 in. in diam., 12 ins. in the ground, and raise a mound of stone, 3 ft.base, 2 ft. high, around same, for $\frac{1}{4}$ sec.cor., with brass cap, marked



- 51.20 Raise a mound of stone, $2\frac{1}{2}$ ft.high, 3 ft.base, N.of cor.
- 56.60 Wash, 20 lks.wide, 1 ft. deep, course SW.
- 56.60 Road course N.60°E. and S.60°W.
- 62.40 East channel of wash, 50 lks.wide, 2 ft. deep, course SW.
- 65.40 West channel of same wash, 100 lks.wide, 2 ft.deep, course SW.
- 80.20 The cor.of secs.8,9,16 and 17.
Land, rolling.
Soil, rocky, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, dense ocotilla and cholla cactus.

36 Subdivision lines of Township 10 South, Range 12 East.

Chains.

N.0°2'W., bet. secs.8 and 9.
Over rolling land, thru. dense undergrowth and scattering timber.

- 12.00 Wash, 20 lks. wide, 1 ft. deep, course S.60°W.
- 14.40 Road brs. S.70°E. and N.70°W.
- 17.00 Old road brs. E and W.
- 20.00 Wash, 70 lks. wide, 2 ft. deep, course S.60°W.
- 38.20 Wash, 20 lks. wide, 2 ft. deep, course S.50°W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S 8 | S 9
 1919

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
Ascend 45 ft., over S. slope.

- 48.97 Low short ridge, brs. NE. and SW.; descend 31 ft., over N. slope.
- 53.93 Wash, 10 lks. wide, 1 ft. deep, course W.
- 55.96 Wash, 20 lks. wide, 2 ft. deep, course S.60°W.; ascend 48 ft. over S. slope.
- 73.04 Spur, slopes E.; descend 30 ft., over NE. slope to sec. cor.
- 79.90 Road brs. N.70°W. and S.70°E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap, marked

T10S | R12E
 S 5 | S 4
 S 8 | S 9
 1919

Raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.,
From cor.,

- A mesquite, 5 ins. in diam., brs. N.76°E., 111 lks. dist., marked T10S R12E S4BT.
- A mesquite, 4 ins. in diam., brs. S.13 $\frac{1}{2}$ °E., 95 lks. dist., marked T10S R12E S9BT.
- A mesquite, 6 ins. in diam., brs. S.74 $\frac{1}{2}$ °W., 75 lks. dist., marked T10S R12E S8. BT.
- A mesquite, 5 ins. in diam., brs. N.31 $\frac{1}{2}$ °W., 126 lks. dist., marked T10S R12E S5BT.

Land, rolling.
Soil, rocky, 4th rate.
Timber, scattering small ironwood, palo verde and mesquite.
Undergrowth, dense ocotilla and cholla and sahuaro cactus.

N.89°55'E., on a random line, bet. secs.4 and 9.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.94 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 3, 4, 9 and 10.
Thence,
S.89°59'W., bet. secs.4 and 9, on true line.
Over gently rolling land, thru. dense undergrowth and scattering timber.
- 8.55 East channel of wash, 50 lks. wide, 2 ft. deep, course S.60°W.
- 10.25 Middle channel of same wash, 40 lks. wide, 2 ft. deep, course S.60°W.
- 12.25 West channel of same wash, 100 lks. wide, 3 ft. deep, course S.60°W.
- 17.25 Wash, 30 wide, 2 ft. deep, course S.70°W.
- 39.97 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

Subdivision lines of Township 10 South, Range 12 East.

Chains.

1/4 S 4
S 9
1919

58.15 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
75.00 Wash, 60 lks. wide, 2 ft. deep, course N. 60° W.
79.94 Ascend 12 ft., over NE. slope, to
The cor. of secs. 4, 5, 8 and 9.
Land, rolling.
Soil, rocky and gravelly sand, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, dense ocotilla and cholla cactus.

40.00 N. 0° 10' E., on a random line, bet. secs. 4 and 5.
80.04 Set temp. 1/4 sec. cor.
Intersect the N. bdy. of the Tp., 21 lks. W. of the cor.
of secs. 4, 5, 32 and 33, hereinbefore described.
Thence,
S. 0° 19' W., on a true line, bet. secs. 4 and 5.
Over rolling land, thru. dense undergrowth and scattering
timber.
Ascend 62 ft., over NE. slope of a butte, which is one of
a group known as "Owl Head Buttes."
6.00 Top of ascent, brs. NE and SW. Top of butte brs. SW. about
5 chs. dist. Top of another butte brs. NE. about 3 chs.
dist. Descend 180 ft., over SE. slope.
19.55 Old cabin, brs. S. 45° 24' W.
35.35 Wash, 30 lks. wide, 2 ft. deep, course S. 70° W. Leave SE.
slope of Owl Head Buttes. Thence over gently rolling
W. slope.
40.04 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
the ground, and raise a mound of stone, 3 ft. base, 2
ft. high, around same, for 1/4 sec. cor., with brass cap,
marked

1/4
S 5 | S 4
1919

42.05 Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.
42.05 Wash, 30 lks. wide, 2 ft. deep, course S. 70° W.
50.20 Drain, course W.
52.25 Cabin, brs. N. 76° 30' W.
55.40 Drain, course W.
72.70 Center of wash, 4 chs. wide, 3 ft. deep, course N. 70° W.
80.04 The cor. of secs. 4, 5, 8 and 9.
Land, rolling.
Soil, rocky, granite formation, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, dense ocotilla and cholla cactus.

From reestablished std. cor. of secs. 31 and 32, on the S.
bdy. of the Tp. (2nd Std. Par. S.), hereinbefore described,
N. 0° 3' W., bet. secs. 31 and 32.
Over rolling land, thru. dense undergrowth and scattering
timber.
Ascend 34 ft., over S. slope.
5.80 Spur, slopes SW.; descend 50 ft., over NW. slope, to
12.50 Wash, 70 lks. wide, 2 ft. deep, course S. 80° W.
23.00 Wash, 120 lks. wide, 20 ft. deep, course S. 60° W.
39.60 Road brs. SW. and NE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for 1/4 sec. cor., with brass cap, marked

S 31 | S 32
1919

38 Subdivision of Township 10 South, Range 12 East.

Chains.

- 48.80 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
- 62.00 Wash, 40 lks.wide, 10 ft. deep, course S. 50° W.
- 69.00 Wash, 30 lks.wide, 3 ft. deep, course SW.; ascend 57 ft., over S.slope.
- 74.00 Top of ascent on SW.slope of hill, on the top of which brs. NE. about 8 chs.dist. Desc. 20 ft. to
- 80.00 Wash, 20 lks.wide, 4 ft. deep, course S, 50° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground, and raise a mound of stone, 3 ft. base, 1 ft high, around same, for cor. of secs. 29, 30, 31 and 32, with brass cap, marked

T10S	R12E
S30	S29
S31	S32
1919	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling.
Soil, rocky, granite formation, 4th rate.
Timber, scattering small palo verde and mesquite.
Undergrowth, dense catclaw, ocotilla, sahuaro and cholla cactus.

- 40.00 East, on a random line, bet. secs. 29 and 32.
- 80.02 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.
- Thence, N. 89° 58' W., on a true line, bet. secs. 29 and 32.
- Over rolling land, thru. dense undergrowth and scattering timber.
- 2.60 Descend 46 ft., over NW. slope.
- 18.40 Ravine, 30 lks.wide, 20 ft. deep, course N.
- 30.20 Wash, 20 lks.wide, 4 ft. deep, course S. 50° W.; ascend.
- 39.22 Low hill, brs. S. 30° W. and N. 30° E.; descend.
- 39.22 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the the ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap, marked

WC $\frac{1}{4}$	S 29
	S 32
	1919

- 40.01 Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor. True point for $\frac{1}{4}$ sec. cor. falls in wash; therefore, establish witness cor. at 79 lks. S. 89° 58' E., as described above.
- 40.40 Wash, 120 lks.wide, 6 ft. deep, course S. 50° W.
- 57.20 Wash, 15 lks.wide, 2 ft. deep, course S. 60° W.; ascend.
- 59.50 Road brs. N. 30° E. and S. 30° W.
- 67.50 Top of N. slope of hill, the top of which brs. SW. about 8 chs. dist.; descend 46 ft. to
- 80.02 The cor. of secs. 29, 30, 31 and 32.
Land, rolling.
Soil, rocky granite and quartzite, 4th rate.
Timber, scattering small mesquite and palo verde.
Undergrowth, dense ocotilla, catclaw and sahuaro, and cholla cactus.

- 40.00 West, on random line, bet. secs. 30 and 31.
- 98.37 Set temp. $\frac{1}{4}$ sec. cor.
- 98.37 Intersect the W. bdy. of the Tp., 2 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.
- Thence, S. 89° 59' E., on a true line, bet. secs. 30 and 31.
- 12.17 Over gently rolling land, thru. dense undergrowth.
- 12.17 Wash, 30 lks.wide, 1 ft. deep, course S. 60° W.

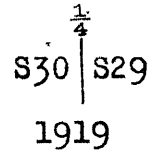
Subdivision of Township 10 South, Range 12 East. 39.

Chains.
 21.47 Wash, 30 lks. wide, 1 ft. deep, course S.50°W.
 34.97 Wash, 2 chs. wide, 20 ft. deep, course S.30°W.
 48.62 Wash, 140 lks. wide, 20 ft. deep, course S.30°W.
 58.37 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

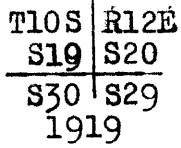
$\frac{1}{4}$ S 30
 S 31
 1919

59.37 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Right bank of wash, brs. N.60°E. and S.60°W.; thence across wash, course S.60°W.
 62.67 Left bank of wash, brs. N.60°E. and S.60°W.; leave wash.
 75.57 Wash, 20 lks. wide, 3 ft. deep, course S.70°W.
 94.37 Wash, 20 lks. wide, 3 ft. deep, course S.80°W.
 98.37 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling.
 Soil, stony, rocky granite and quartzite, 4th rate.
 Undergrowth, dense palo verde, mesquite, catclaw and ocotilla, and sahuaro and cholla cactus.
 No timber.

N.0°3'W., bet. secs. 29 and 30.
 Over rolling land, thru. dense undergrowth.
 1.40 Wash, 20 lks. wide, 2 ft. deep, course S.80°W.
 25.50 Wash, 20 lks. wide, 2 ft. deep, course S.80°W.
 32.00 Left bank of wash, brs. N.60°E. and S.60°W. Thence across wash.
 35.60 Main drain of wash, course S.60°W., 20 ft. deep; continue across wash.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked.



41.50 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 80.00 Right bank of wash, brs. N.60°E. and S.60°W.; leave wash. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, with brass cap, marked



Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. from cor.
 Land, rolling.
 Soil, shallow sandy clay and rocky granite, 4th rate.
 Undergrowth, dense palo verde, catclaw, mesquite, greasewood and ocotilla, and sahuaro and cholla cactus.
 No timber.

40.00 S.89°58'E., on a random line, bet. secs. 20 and 29.
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect the cor. of secs. 20, 21, 28 and 29.
 Thence,
 N.89°58'W., on a true line, bet. secs. 20 and 29.
 Over rolling land, thru. dense undergrowth and scattering timber.
 29.70 A 3 wire fence, brs. N.30°E., and S.30°W.
 35.00 Wash, 40 lks. wide, 1 ft. deep, course S.60°W.
 39.50 Center of wash, 4 chs. wide, 2 ft. deep, course S.60°W.
 40.01 True point for $\frac{1}{4}$ sec. cor. falls in above wash; therefore,
 at

40. Subdivision lines of Township 10 South, Range 12 East.

42.02	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, and raise a mound of stone, 2 ft. base, 1½ ft. high around same, for witness cor. to ¼ sec. cor., with brass cap, marked
	$\frac{1}{4} \text{ S. } 20^{\circ} \text{ WC}$
	S29 1919
47.60	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
57.20	Fence brs. N. 20° E. and S. 20° W.
57.20	Road brs. N. 30° E. and S. 20° W.
64.20	Wash, 20 lks. wide, 1 ft. deep, course S. 40° W.
80.02	The cor. of secs. 19, 20, 29 and 30. Land, gently rolling. Soil, shallow, sandy clay and rocky granite formation, 4th rate. Undergrowth, dense catclaw and greasewood, sahuaro and cholla cactus. Timber, scattering small palo verde, mesquite and ironwood.

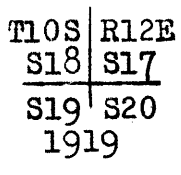
40.00	N. 89° 59' W., on a random line, bet. secs. 19 and 30. Set temp. ¼ sec. cor.
98.40	Intersect the W. bdy. of the Tp., 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, hereinbefore described. Thence, S. 89° 57' E., on a true line, bet. secs. 19 and 30. Over rolling land, thru. dense undergrowth and scattering timber.
10.90	Wash, 30 lks. wide, 1 ft. deep, course S. 60° W.
24.00	Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
34.10	Road brs. NE. and SW.
41.90	Wash, 30 lks. wide, 1 ft. deep, course S. 60° W.
48.70	Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
58.40	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked
	$\frac{1}{4} \text{ S } 19$
	S 30 1919
66.90	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
86.40	Wash, 10 lks. wide, 1 ft. deep, course S. 40° W.
98.40	Wash, 30 lks. wide, 8 ft. deep, course S. 40° W. The cor. of secs. 19, 20, 29 and 30. Land, rolling. Soil, shallow sandy clay and rocky granite formation, 4th rate. Timber, scattering small mesquite, ironwood and palo verde. Undergrowth, dense catclaw, greasewood and ocotilla, and cholla and sahuaro cactus.

	N. 0° 3' W., bet. secs. 19 and 20. Over gently rolling land, thru. dense undergrowth and scattering timber.
4.80	Wash, 10 lks. wide, 1 ft. deep, course W.
14.10	Wash, 20 lks. wide, 1 ft. deep, course S. 50° W.
35.10	Wash, 10 lks. wide, 1 ft. deep, course S. 50° W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor. with, 18, 19, and 20, with brass cap, marked
	$\frac{1}{4} \text{ S } 19 \text{ S } 20$
	1919
41.30	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
60.20	Wash, 30 lks. wide, 3 ft. deep, course S. 70° W. Wash, 10 lks. wide, 1 ft. deep, course S. 80° W.

Subdivision lines of Township 10 South, Range 12 East. 41

Chains.

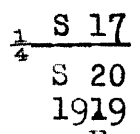
67.90 Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
 68.70 Road brs. NE. and SW.
 78.60 Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked



Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, gently rolling.
 Soil, shallow sandy clay and rocky granite formation, 4th rate.
 Timber, scattering small mesquite, palo verde and ironwood. Undergrowth, dense catclaw, greasewood, ocotilla, sahuaro and cholla cactus.

40.00 S. 89° 58' E. on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect the N. and S. line, 7 lks. S. of the cor. of secs. 16, 17, 20 and 21, hereinbefore described.

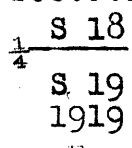
Thence,
 S. 89° 59' W., bet. secs. 17 and 20, on true line.
 Over gently rolling land, thru. dense undergrowth.
 3.00 Wash, 20 lks. wide, 1 ft. deep, course S. 30° W.
 9.30 Road brs. N 30° E. and S. 10° W.
 16.50 Wash, 15 lks. wide, 3 ft. deep, course S. 20° W.
 39.95 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



56.00 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
 69.90 Wash, 30 lks. wide, 1 ft. deep, course S. 20° W.
 71.70 Road brs. NE. and SW.
 78.70 Wash, 10 lks. wide, 1 ft. deep, course S. 40° W.
 79.90 Wash, 10 lks. wide, 1 ft. deep, course S. 40° W.
 The cor. of secs. 17, 18, 19 and 20.
 Land, gently rolling.
 Soil, shallow, sandy clay, and rocky granite formation, 4th rate.
 Undergrowth, dense scrub palo verde, ironwood and mesquite, catclaw, greasewood, ocotilla, sage brush, sahuaro and cholla cactus.
 No timber.

40.00 N. 89° 57' W., on a random line, bet. secs. 18 and 19. Set temp. $\frac{1}{4}$ sec. cor.
 98.47 Intersect the W. bdy. of the Tp., 5 lks. N. of the corner of secs. 13, 18, 19 and 24, hereinbefore described.

Thence,
 S. 89° 59' E., on a true line, bet. secs. 18 and 19.
 Over gently rolling land, thru. dense undergrowth.
 12.47 Wash, 50 lks. wide, 1 ft. deep, course S. 50° W.
 29.87 Wash, 10 lks. wide, 1 ft. deep, course S. 80° W.
 51.57 Wash, 20 lks. wide, 1 ft. deep, course S. 60° W.
 58.47 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked,



70.07 Dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.
 85.57 Wash, 15 lks. wide, 1 ft. deep, course S. 40° W.
 Wash, 60 lks. wide, 1 ft. deep, course S. 40° W.

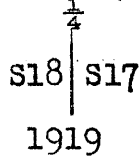
42. Subdivision lines of Township 10 South, Range 12 East.

Chains.

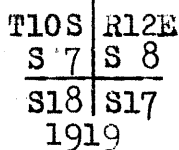
98.47 The cor. of secs. 17, 18, 19 and 20.
Land, gently rolling.
Soil, sandy and decomposed granite, 3rd rate.
Undergrowth, dense scrub palo verde, mesquite and iron-wood, catclaw, ocotilla, greasewood, sahuaro and cholla cactus.
No timber.

N. 0° 3' W., bet. secs. 17 and 18.
Over gently rolling land, thru. dense undergrowth and scattering timber.

12.60 Wash, 50 lks. wide, 2 ft. deep, course S. 50° W.
21.00 Wash, 60 lks. wide, 3 ft. deep, course S. 60° W.
31.90 Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



45.00 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
52.80 Wash, 10 lks. wide, 1 ft. deep, course S. 60° W.
65.60 Wash, 20 lks. wide, 2 ft. deep, course S. 80° W.
79.10 Wash, 30 lks. wide, 1 ft. deep, course S. 80° W.
80.00 Wash, 30 lks. wide, 1 ft. deep, course S. 80° W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked



from which,
A mesquite, 5 ins. in diam., brs. N. 44° E., 75 lks. dist., marked T10SR12ES8BT.
A mesquite, 4 ins. in diam., brs. N. 33 $\frac{1}{2}$ ° W., 76 lks. dist., marked T10SR12ES7BT.

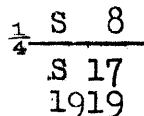
No other trees available; raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling.
Soil, coarse sandy, decomposed granite, 3rd rate.
Timber, scattering small palo verde, mesquite and iron-wood.
Undergrowth, dense sage brush, ocotilla, sahuaro and cholla cactus.

N. 89° 59' E., on a random line, bet. secs. 8 and 17.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.86 Intersect the N. and S. line, 2 lks. N. of the cor. of secs. 8, 9, 16 and 17, hereinbefore described.

Thence,
West, on a true line, bet. secs. 8 and 17.
Over gently rolling land, thru. dense undergrowth.

8.30 Wash, 10 lks. wide, 1 ft. deep, course S. 70° W.
14.85 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
39.93 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



58.40 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
78.40 Wash, 15 lks. wide, 2 ft. deep, course S. 70° W.
79.86 Wash, 30 lks. wide, 1 ft. deep, course S. 80° W.
The cor. of secs. 7, 8, 17 and 18.
Land, gently rolling.

Chains.

Soil, coarse, sandy, decomposed granite, 3rd rate.
Undergrowth, dense scrub palo verde, mesquite and iron-wood, greasewood, catclaw, sahuaro and cholla cactus.
No timber.

40.00 N. 89° 59' W., on a random line, bet. 7 and 18.
98.45 Set temp. $\frac{1}{4}$ sec. cor.
Intersect the W. bdy. of the Tp., 2 lks. N. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.
Thence,
East, on a true line, bet. secs. 7 and 18.
Over gently rolling land, thru. dense undergrowth.
6.55 Wash, 15 lks. wide, 1 ft. deep, course S. 80° W.
42.85 Wash, 10 lks. wide, 1 ft. deep, course S. 80° W.
58.45 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 7
S 18
1919

65.05 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
73.45 Same wash, 10 lks. wide, 1 ft. deep, course N. 80° W.
84.05 Same wash, course S. 80° W.
84.05 Road brs. N. 70° E. and S. 70° W.
91.45 Bend in wash, 20 lks. wide, 1 ft. deep, course S. 70° W. from SE.
98.45 The cor. of secs. 7, 8, 17 and 18.

Land, gently rolling.
Soil, sandy, decomposed granite, 3rd rate.
Undergrowth, dense scrub palo verde, mesquite and iron-wood, greasewood, ocotilla, catclaw, sahuaro and cholla cactus.
No timber.

4.50 N. 0° 3' W., bet. secs. 7 and 8.
15.50 Over gently rolling land, thru. dense undergrowth.
23.60 Road brs. E. and S. 80° W.
32.40 Wash, 10 lks. wide, 1 ft. deep, course S. 50° W.
40.00 Wash, 20 lks. wide, 2 ft. deep, course W.
Wash, 25 lks. wide, 4 ft. deep, course W.
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, and raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S 7 | S 8
1919

47.60 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
59.70 Wash, 15 lks. wide, 1 ft. deep, course W.
73.40 Wash, 15 lks. wide, 2 ft. deep, course W.
80.00 Wash, 15 lks. wide, 2 ft. deep, course W.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked

T10S | R12E
S 6 | S 5
S 7 | S 8
1919

Dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist.,
Land, gently rolling.
Soil, decomposed granite, 4th rate.
Undergrowth, dense palo verde, mesquite and ironwood, greasewood, catclaw, sage brush, ocotilla, sahuaro and cholla cactus. No timber.

44. Subdivision lines of Township 10 South, Range 12 East.

Chains.

40.00 East, on a random line, bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect the N. and S. line, 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence,
 N. $89^{\circ}58'$ W., on a true line, bet. secs. 5 and 8.
 Over rolling and broken land, thru. dense undergrowth.
 Ascend 63 ft., over NE. slope.
 .25 Road brs. N. 30° W. and S. 30° E.
 12.80 Top of ascent on N. side of butte, the top of which brs. S. about 8 chs. dist.; descend 62 ft., over NW. slope.
 31.00 Foot of NW. slope of butte; ascend 187 ft., over NE. slope of another butte.
 39.97 Set an iron post 3 ft. long, 1 in. in diam., on bed rock, and raise a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, around same, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$$\frac{1}{4} \frac{S \ 5}{S \ 8} \\ 1919$$

40.00 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Top of ascent on N. side of butte, the top of which brs. S. about 10 chs. dist.; descend 320 ft., over NW. slope, to
 53.00 Foot of butte, brs. N. and S.; thence descend very gradually to sec. cor.
 68.20 Wash, 10 lks. wide, 2 ft. deep, course S. 70° W.
 79.94 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling and broken.
 Soil, rocky, granite formation, 4th rate.
 Undergrowth, dense palo verde, mesquite, catclaw, ocotilla, sage brush, greasewood, sahuaro and cholla cactus.
 No timber.

40.00 West, on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 98.38 Intersect the cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., hereinbefore described.

Thence,
 East, on a true line, bet. secs. 6 and 7.
 Over gently rolling land, thru. dense undergrowth and scattering timber.
 8.38 Wash, 20 lks. wide, 1 ft. deep, course S. 60° W.
 46.58 Wash, 35 lks. wide, 1 ft. deep, course S. 70° W.
 58.38 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

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

from which,
 An ironwood, 6 ins. in diam., brs. N. $15\frac{1}{2}^{\circ}$ E., 102 lks. dist., marked $\frac{1}{4}$ S 6 BT.
 An ironwood, 8 ins. in diam., brs. S. $32\frac{1}{2}^{\circ}$ W., 83 lks. dist., marked $\frac{1}{4}$ S 7 BT.
 60.78 Wash, 160 lks. wide, 1 ft. deep, course S. 60° W.
 69.68 Wash, 20 lks. wide, 1 ft. deep, course S. 70° W.
 79.98 Wash, 20 lks. wide, 2 ft. deep, course S. 70° W.
 98.38 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, coarse, sandy decomposed granite, 3rd rate.
 Undergrowth, dense greasewood, catclaw, ocotilla, sahuaro and cholla cactus.
 Timber, scattering small ironwood, mesquite and palo verde.

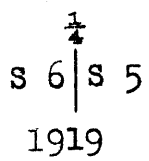
40.00 N. $0^{\circ}19'$ E., on a random line, bet. secs. 5 and 6.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect the N. bdy. of the Tp., 2 lks. W. of the cor. of secs.

Subdivision lines of Township 10 South, Range 12 East. 45

Chains.

5, 6, 31 and 32, hereinbefore described.
 Thence,
 S.0°20'W., on true line, bet. secs.5 and 6.
 Over gently rolling land, thru. dense undergrowth and scattering timber.

4.05 Wash, 20 lks. wide, 3 ft. deep, course N.70°W.
 12.00 Wash, 20 lks. wide, 1 ft. deep, course N.70°W.
 20.40 Wash, 20 lks. wide, 1 ft. deep, course N.70° W.
 23.20 Road brs. NW. and SE.
 27.35 Wash, 10 lks. wide, 1 ft. deep, course N.70° W.
 40.14 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



from which,
 A mesquite, 4 ins. in diam., brs. S.33°W., 153 lks. dist., marked 1/4 S 6 BT.
 A mesquite, 6 ins. in diam., brs. S.17°E., 49 lks. dist., marked 1/4 S 5 BT.

51.25 Wash, 100 lks. wide, 2 ft. deep, course W.
 60.45 Wash, 30 lks. wide, 3 ft. deep, course S.70°W.
 70.95 Wash, 10 lks. wide, 2 ft. deep, course S.80°W.
 80.14 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, sandy, decomposed granite, 3rd rate.
 Timber, scattering small mesquite, palo verde and ironwood.
 Undergrowth, dense greasewood, catclaw, sage brush, ocotilla, sahuaro and cholla cactus.

The continued satisfactory adjustment of the solar apparatus during the survey of this township is indicated from field tests, as described in Books "C" and "D".

GENERAL DESCRIPTION.

The southeast half of this township is mountainous, being part of the Tortillita Mountains, the tops of the spurs and ridges ranging from 300 to 900 ft. high. The approximate elevation is 2500 ft. above sea level. There is but very little soil, the ground being a rocky granite formation, 4th rate, and of no value for agricultural purposes.

The northwest half of this township is a gently rolling country, with a shallow sandy soil, and a rocky granite formation, in places covered with poor grass. The approximate elevation of this part is 2000 ft. above sea level.

The entire township is covered with small undergrowth, some of which might be classed as small timber, are mesquite, palo verde, ironwood, and willow in the low lands; the undergrowth is ocotilla, sage brush, greasewood and catclaw. The cactus is cholla and sahuaro.

There is a road running NE. and SW. across the township, along the foot of the mountains; and also, one entering the township in section 18, and running to the U. S. Mineral Monument No. 2, which is in sec. 10.

The entire township drains to the W. and SW.
 A big wash enters the township in sec. 12, and leaves in sec. 31. There is no permanent flow of water in the township.

There is one settler in sec. 20, who has a well of good water. Name not obtained.

The southwestern end of the "Owl Head Buttes" is in the northeast corner of sec. 5.

There are indications of mineral in sec. 9, where there is evidence of extensive workings.

Resurvey of part of Subdivision lines of T. 11 S., R. 12 E.

Chains.

The original cor. of secs. 5, 6, 7 and 8, is a granite stone, 8x6x5 ins. above ground, firmly set, marked with 5 notches on S. edge; and 5 notches on E. edge, and witnessed with 4 bearing trees, properly marked, one each NE., SE., SW. and NW. of cor.

Set an iron post, 3 ft. long, 2 ins. in diam., alongside of old stone, 20 ins. in the ground, on bed rock, and raise a mound of stone, 2 ft. base, 1 ft. high around same, for reestablished cor. of secs. 5, 6, 7 and 8, with brass cap, marked

T11S	R12E
S 6	S 5
S 7	S 8
1919	

Thence, N. 0° 3' W., on true line, bet. secs. 5 and 6. Over rolling land, thru. dense undergrowth and scattering timber.

18.70 Wash, 50 lks. wide, 8 ft. deep, course S. 40° W.

26.16 Intersect original closing cor. of secs. 5 and 6, at a point 16 lks. E. from original std. $\frac{1}{4}$ sec. cor. of sec. 31, T. 10 S., R. 12 E. Destroy both corners.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground; for $\frac{1}{4}$ sec. cor. of secs. 5 and 6, with brass cap, marked

	$\frac{1}{4}$	
S 6		S 5
1919		

from which,

An ironwood, 8 ins. in diam., brs. N. 1° 30' E., 102 lks. dist., marked " $\frac{1}{4}$ S 5 BT."

No other trees available; dig pits, 18x18x12 ins. N. and S. of post 3 ft. dist.

45.80 Enter bottom land, brs. E. and W.

51.40 Wash, 120 lks. wide, 2 ft. deep, course S. 60° W.

57.70 Wash, 250 lks. wide, 2 ft. deep, course S. 60° W.

59.20 Leave bottom land, brs. E. and W.

65.70 Left bank of wash, brs. N. 60° E. and S. 60° W. Thence across wash.

69.80 Main drain of wash, course S. 60° W.

72.70 Right bank of wash, brs. N. 60° E. and S. 60° W.; leave wash.

79.68 Intersect the 2nd Standard Parallel South, 18.12 chs. W. of the reestablished standard $\frac{1}{4}$ sec. cor. of sec. 31, here-
inbefore described.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground, and raise a mound of stone, 3 ft. base, 2 ft. high, around same, for reestablished closing cor. of secs. 5 and 6, with brass cap, marked

T10S	R12E
S 31	
S 6	S 5
T11S	R12E
C C	
1919	

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. Land, rolling.

Soil, sandy and gravelly, 3rd rate.

Undergrowth, dense greasewood, catclaw, ocotilla, sahuaro and cholla cactus.

Timber, scattering small ironwood and mesquite.

FIELD ASSISTANTS. to

Horace M. Muscott, U.S. Transitman.

NAMES.	CAPACITY.
<i>Ben Mollette</i>	<i>1st Chainman</i>
<i>Frank W. Owen</i>	<i>2nd Chainman</i>
<i>Raymond D. J. Tielke</i>	<i>Cornerman</i>
<i>Peter Wilchinsky</i>	<i>Axeman</i>
<i>James Maher</i>	<i>Axeman</i>
<i>Edward F. Stanley</i>	<i>Flagman</i>

CERTIFICATE OF UNITED STATES TRANSITMAN.

48

I, Horace M. Muscott U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 81, Arizona bearing date of the 6th day of February, 1918, 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 Subdivision lines of

Township 10 South - Range 12 East

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 U. S. Surveyor General, for Group 81, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Date - February 12, 1921

Horace M. Muscott
U.S. Transitman.

Place - Sec 20 T12N R20E S.B.B.M

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____, 191

The foregoing field notes of the survey of _____

executed by _____

under his special instructions dated _____, 191 _____, 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.

4-680

FIELD ASSISTANTS. to

William H. Thorn - U.S. Cadastral Engineer

NAMES.	CAPACITY.
<i>Will D. Wilson</i>	<i>1st Chainman.</i>
<i>Paul W. Byrd</i>	<i>2nd Chainman.</i>
<i>Manfred Owen</i>	<i>Cornerman</i>
<i>Ramous Faerster</i>	<i>Axeman</i>
<i>James E. Wilson</i>	<i>Flagman.</i>

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 81, Arizona bearing date of the 6th day of February, 1918, 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, ^{re} surveyed all those parts or portions of the 2nd Standard Parallel South in Range 12 East and subdivision lines of Township 11 South, Range 12 East and Surveyed all those parts or portions of the East boundary of Township 10 South, Range 11 East and the North boundary and Subdivision lines of Township 10 South, Range 12 East 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~~ ^{said resurvey and survey} have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 81, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Date May 16 1921
Place T. 2 S. R. 29 E. Q. 31 R. B. 1/4

William H. Thorn
U.S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona May 23, 1921.

The foregoing field notes of the resurvey of the 2nd Standard Parallel South thru Range 12 East and of Part of the Subdivision lines of Township 11 South, Range 12 East, and of the Survey of the East boundary of Township 10 South, Range 11 East and North boundary and Subdivision lines of Township 10 South, Range 12 East of the Gila and Salt River Base and Meridian in the State of Arizona executed by William H. Thorn, U.S. Cadastral Engineer and Horace M. Muscott, U.S. Transitman

under ~~his~~ special instructions dated Feb. 6, 1918 for Group 81, Arizona, 1918, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{re} surveys ~~they describe~~ ^{and surveys}, are hereby approved.

Frank O. Trotter
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.~~