

3021

G.L.O. letter "E"
March 29, 1919.

Book "F."
4-679

273

(Subdivisions)

BOOK 3021

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISIONAL LINES

of

FRAC. TOWNSHIP 12 NORTH, RANGE 18 WEST.

and

MEANDERS OF THE LEFT BANK OF THE COLORADO RIVER, WITHIN

FRAC. TOWNSHIP 12 NORTH, RANGE 18 WEST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Alexander T. Harris and John Gonin,

U. S. Transitmen,

~~In the capacity of U. S. Surveyor~~, under instructions dated February 13., 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 48, which were approved by the Commissioner of the General Land
Office, February 26., 1915.

Survey commenced December 30., 1915.

Survey completed January 17., 1916.

3021

3021

(A)

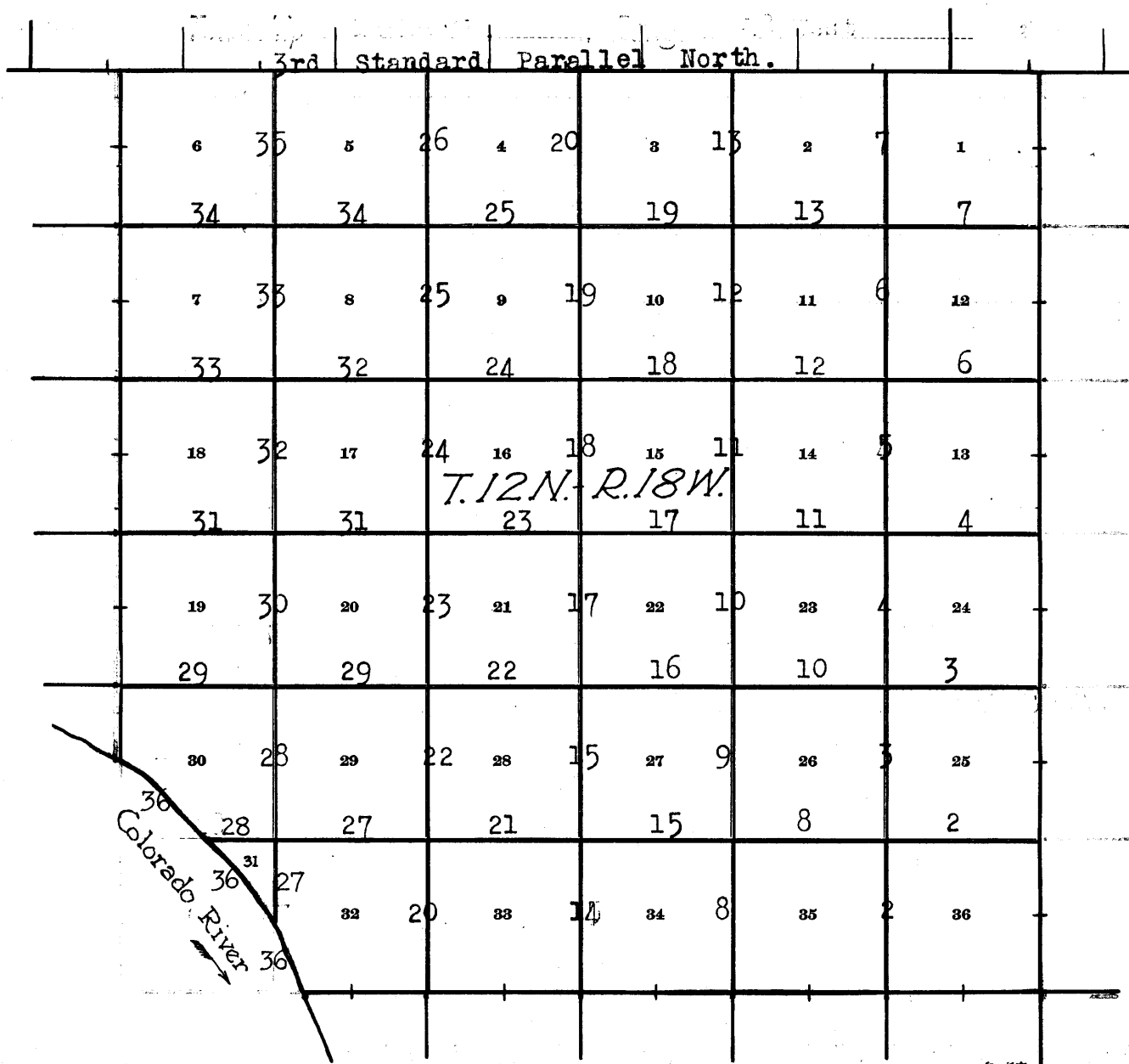
BOOK 3021

Book "F"

Fracl. Township 12 North, Range 18 West.

Group 48 - - Arizona.

INDEX DIAGRAM.



8-151

- Surveyed under this Group. Notes in this Book.
- Surveyed under this Group. Notes in Book "A."
- Surveyed under current Group No.42.
- Surveyed under this Group. Notes in Book "E"
- Surveyed under this Group. Notes in Book "G"
- Surveyed under this Group. Notes in Book "M."

Book "F"
Group 48----Arizona.

Frac1. Township 12 North, Range 18 West.

DATE DIAGRAM.

1-6-16	6 1-7-16	5 1-8-16	4 1-13-16	3 1-15-16	2 1-15-16	1 1-14-16	1-6-16
1-6-16	7 1-7-16	8 1-8-16	9 1-13-16	10 1-15-16	11 1-15-16	12 1-15-16	1-4-16
1-4-16	18 1-7-16	17 1-4-16	16 1-17-16	15 1-17-16	14 1-13-16	13 1-15-16	1-4-16
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1-3-16	30 1-10-16	29 12-30-15	28 1-3-16	27 1-11-16	26 1-12-16	25 1-12-16	1-13-16
		32 12-30-15	33 12-29-15	34 1-3-16	35 1-11-16	36 1-12-16	1-12-16

Lines dated in red were surveyed by Alexander T. Harris, U.S. Transitman.

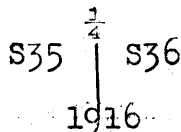
Lines dated in blue were surveyed by John Gonin, U. S. Transitman.

2. Subdivision of Fractional T. 12 N., R. 18 W.

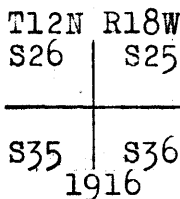
chains.

Surveys hereinafter described were executed by Alexander and Harris and John Cain, trans. Transitionmen, on dates shown on page 1 hereof, using Young and Sons' light astru-
mountain transits nos. 8611 and 8492, respectively, and described with certificates of approval and tests in Books "A" and "B," respectively.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, described in Book "A", N.0° 1' W., bet. secs. 35 and 36.
Over rolling hills, through scattering undergrowth.
Asc. 25 ft. to
2.40 Desc. slightly to
10.90 Asc. 25 ft. to
13.00 Desc. 30 ft. to
18.51 Center of wash, 1 ch. wide, 2 ft. deep, course E. Asc. 50 ft. to
36.07 Low divide, brs. NE. and SW. Desc. 35 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.
42.00 Wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 25 ft. to
45.00 Thence along W. slope.
57.10 Desc. 30 ft. to
62.57 Center of wash, 1 ch. wide, 2 ft. deep, course SW. Asc. 20 ft. to
78.30 Low spur, slopes W. Desc. 30 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

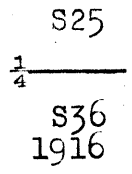


and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.
Land, rolling hills.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and ocotillo

East on a random line, bet. secs. 25 and 36.
40.00 Set temp. 1/4 sec. cor.
80.07 Intersect E. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36, which is an iron post, described in Book "A".
Thence
West on a true line, bet. secs. 25 and 36.
Over broken land, through scattering undergrowth.
Asc. 30 ft. to
2.30 Desc. 30 ft. to
8.00 Wash, course S. Asc. 35 ft. to
12.00 Desc. 40 ft. to
17.00 Thence over rolling land.
40.03 1/2 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap

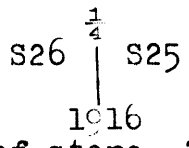
Subdivision of Fractional T. 12 N., R. 18 W. 3.

Chains.

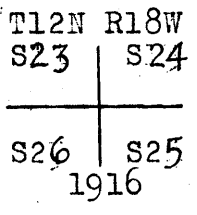


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
N. of cor.
Asc. slightly to
50.00 Low divide, brs. N. and S. Desc. slightly to
60.00 Asc. 80 ft. to
69.30 Spur, slopes SW. Desc. 120 ft. to
80.07 The cor. of secs. 25, 26, 35 and 36.
Land, broken and rolling.
Soil, 4th rate.
No timber.
Undergrowth, greasewood, palo verde, cactus and ocotillo.

24.80 N.0° 1' W., bet. secs. 25 and 26.
Over broken land, through scattering undergrowth.
Asc. 185 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground, in a mound of stone, for 1/4 sec. cor., marked
on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor.
43.50 Spur, slopes W. Desc. 30 ft. to
49.00 Wash, course W. Asc. 75 ft. to
53.28 Spur, slopes W. Desc. 155 ft. to
62.06 Wash, course W. Asc. 80 ft. to
65.71 Spur, slopes W. Desc. 70 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the
ground, in a mound of stone, for cor. of secs. 23, 24,
25 and 26, marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor.
Land, mountainous.
Soil, 4th rate.
No timber.
Undergrowth, paloverde, greasewood, cactus and ocotillo.

40.00 East on a random line, bet. secs. 24 and 25.
Set temp. 1/4 sec. cor.
80.00 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs.
19, 24, 25 and 30, which is an iron post, described in
Book "A".
Thence
N.89° 58' W., on a true line, bet. secs. 24 and 25.
Over mountainous land, through scattering undergrowth.
Desc. 180 ft. to
8.23 Ravine, course SW. Asc. 65 ft. to
13.95 Spur, slopes SW.

4.

Subdivision of Fractional T. 12 N., R. 18 W.

Chains.
24.90 Thence along S. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S24
 $\frac{1}{4}$ —
S25
1916

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

54.00 Desc. 150 ft. to
80.00 The cor. of secs. 23, 24, 25 and 26.
Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, ocotillo and cactus.

N.0° 1' W., bet. secs. 23 and 24.
Over mountainous and rolling land, through scattering undergrowth.

14.40 Asc. 35 ft. to
Desc. 15 ft. to
17.36 Wash, course SW. Asc. 200 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for $\frac{1}{2}$ sec. cor., marked on brass cap

S23 $\frac{1}{2}$ S24
|
1916

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

54.70 Spur, slopes W. Desc. 115 ft. to
59.96 Ravine, course W. Asc. 280 ft. to
77.50 Spur, slopes SW. Thence along W. slope to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

T12NR18W
S14 | S13
—+—
S23 | S24
1916

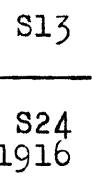
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous and rolling.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, ocotillo and cactus.

40.00 S.89° 58' E., on a random line, bet. secs. 13 and 24.
Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect E. bdy. of Tp., 21 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, described in Book "A".
Thence
S.89° 53' W., on a true line, bet. secs. 13 and 24.
Over mountainous land, through scattering undergrowth.
Asc. 35 ft. to
4.50 Desc. 210 ft. to

Subdivision of Fractional T. 12 N., R. 18 W. 5.

Chains.

13.30 Asc. 55 ft. to
 18.20 Desc. 210 ft. to
 37.70 Wash, course S. Asc. 85 ft.
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



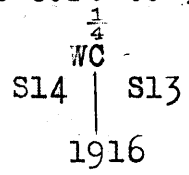
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

44.67 Desc. 65 ft. to
 47.72 Asc. 95 ft. to
 62.50 Desc. 40 ft. to
 66.10 Asc. 80 ft. to
 74.10 Desc. 35 ft. to
 79.92 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, cactus, palo verde and ocotillo.

N.0° 1'W., bet. secs. 13 and 14.
 Over mountainous land, through scattering undergrowth.

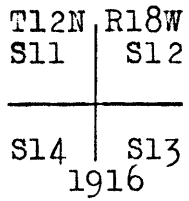
Asc. 90 ft. to
 4.09 Spur, slopes W. Desc. 80 ft. to
 8.94 Gulch, course W. Asc. 80 ft. to
 11.79 Desc. 70 ft. to
 15.10 Asc. 105 ft. to
 23.47 Spur, slopes W. Desc. 200 ft.
 39.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec cor., marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

40.00 The true point for $\frac{1}{4}$ sec. cor. falls in wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 315 ft. to
 53.12 Spur, slopes W. Desc. 210 ft. to
 61.39 Center of wash, 1 ch. wide, 10 ft. deep, course W. Asc. 130 ft.

76.79 Head of gulch, course SW. Continue ascent to
 80.00 Set an iron post, 3 ft. long, 2 ins diam., in a mound of stone, for cor. of secs. 11, 12, 13 and 14, marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.
 Soil, decomposed granite; 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and ocotillo.

6. Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

40.00 N. 89° 53' E., on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect E. bdy. of T. 16 lks. N. of the cor. of secs.
 7, 12, 13 and 18, which is an iron post, described in
 Book "A".

Thence

West on a true line, bet. secs. 12 and 13.
 Over mountainous land, through scattering undergrowth.
 Along broken S. slope, ascending 15 ft. to
 0.60 Desc. 290 ft. to
 17.43 Ravine, course SW. Asc. 35 ft. to
 22.95 Desc. 75 ft. to
 27.80 Asc. 100 ft. to
 34.39 Spur, slopes SW. Desc. 145 ft. to
 39.94 Set an ironpost, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S12

$\frac{1}{4}$

S13
1916

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

Asc. 75 ft. to
 44.75 Desc. 220 ft. to
 52.33 Ravine, course SW. Asc. 230 ft. to
 61.45 Spur, slopes SW. Desc. 240 ft. to
 69.26 Ravine, course SW. Asc. 45 ft. to
 74.15 Desc. 75 ft. to
 79.88 The cor. of secs. 11, 12, 13 and 14.
 Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, ocotillo and cactus.

N. 0° 1' W., bet. secs. 11 and 12.
 Over mountainous land, through scattering undergrowth.
 Asc. 185 ft. to

9.52 Spur, slopes SW. Desc. 70 ft. to
 17.30 Asc. 135 ft. to
 21.45 Spur, slopes W. Desc. 100 ft. to
 26.20 Asc. 50 ft. to
 29.35 Desc. 135 ft. to
 40.00 Gulch, course SW.
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1916

and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
W. of cor.

Asc. 220 ft. to
 46.58 Spur, slopes W. Desc. 170 ft. to
 55.80 Gulch, course SW. Asc. 250 ft. to
 80.00 Divide, brs. E. and W.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground for cor. of secs. 11 and 12, and fract. secs. 1
 and 2, marked on brass cap

T12N R18W
S 2 | S 1

S11 | S12
1916

Subdivision of Fractional T. 12 N., R. 18 W.

7.

Chains.

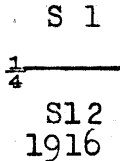
and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.
Land, mountainous.
Soil, decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00
79.84

East on a random line, bet. sec. 12 and frac. sec. 1.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs.
7 and 12, and frac. secs. 1 and 6, which is an iron
post, described in Book "A".

13.86
39.92

Thence
S. 89° 58' W., on a true line, bet. sec. 12 and frac. sec. 1.
Over mountainous land, through scattering undergrowth.
Desc. 45 ft. to
Center of wash, 1 ch. wide, 5 ft. deep, course NE. Asc.
375 ft.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

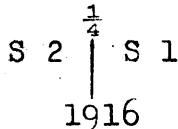


48.09
57.59
62.44
74.84
79.84

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
N. of cor.
Spur, slopes NE. Desc. 20 ft. to
Asc. 55 ft. to
Desc. 25 ft. to
Asc. 40 ft. to
The cor. of secs. 11 and 12 and frac. secs. 1 and 2.
Land, mountainous.
Soil, decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood; sagebrush and cactus.

7.50
21.64
26.56
35.10
40.00

N. 0° 1' W., on a true line, bet. frac. secs. 1 and 2.
Over mountainous land, through scattering undergrowth.
Desc. 115 ft. to
Asc. 65 ft. to
Spur, slopes E. Desc. 55 ft. to
Wash, 50 lks. wide, 2 ft. deep, course NE. Asc. 70 ft. to
Desc. 175 ft.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

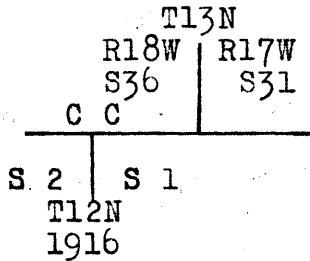


53.95
60.40

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.
Center of wash, 1 ch. wide, 2 ft. deep, course NE. Asc. to
Intersect Third Standard Parallel North, 4.57 chs. E. of
the standard $\frac{1}{4}$ sec. cor. of sec 36, T. 13 N., R. 18 W.,
which is a granite stone, 14 X 8 X 5 ins. above ground,
marked and witnessed as described by the Surveyor-
General. (Established under current Group 42).
At the point of intersection, set an iron post, 3 ft. long,
2 ins. diam., in a mound of stone, for closing cor. of
frac. secs. 1 and 2, marked on brass cap

8. Subdivision of Fractional T. 12 N., R. 18 W.

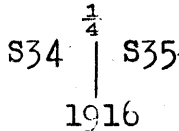
chains.



and raise a mound of stone, 3 ft. base, 3 ft. high,
S. of cor.
Land, mountainous.
Soil, decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

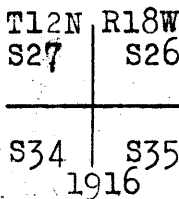
5.55
30.80
32.80
39.55
40.00

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, described in Book "A", N.0° 1'W., bet. secs. 34 and 35.
Over mountainous land, through scattering undergrowth.
Asc. 80 ft. to
Spur, slopes E. Desc. 390 ft. to
Asc. 60 ft. to
Desc. 70 ft. to
Center of wash, 1 ch. wide, 2 ft. deep, course W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



64.50
68.96
73.96
80.00

and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
W. of cor.
Asc. 140 ft. to
Spur, slopes E. Desc. 35 ft. to
Gulch, course W. Thence over rolling land. Asc. slightly to
Low spur, slopes E. Desc. 85 ft. to
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high, for cor. of secs. 26, 27, 34 and 35, marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
W. of cor.
Land, mountainous and rolling.
Soil, rocky; and gravelly; 4th and 3rd rate.
No timber.
Undergrowth, palo verde, greasewood, and sagebrush.

40.00
79.94
6.30

East on a random line, bet. secs. 26 and 35.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 11 lks. N. of the cor. of secs. 25, 26, 35 and 36.
Thence
N.89° 55' W., on a true line, bet. secs. 26 and 35.
Over rolling land, through scattering undergrowth.
Desc. 50 ft. to

Subdivision of Fractional T. 12 N., R. 18 W. 9.

Chains.

13.23 Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc. 35 ft. to
 17.30 Desc. 55 ft. to
 22.20 Asc. slightly to
 33.51 Low spur, slopes SW. Desc. 50 ft. to
 38.95 Center of wash, 1 ch. wide, 10 ft. deep, course W. Thence over rolling land.
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

S26
 $\frac{1}{4}$
 S35
 1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.

45.50 Center of wash, 1 ch. wide, 5 ft. deep, course S. Asc. 40 ft. to
 60.34 Low spur, slopes SW. Desc. 65 ft. to
 65.75 Enter wash, 2 chs. wide, 5 ft. deep, course W. Comes from SE.
 75.71 Leave wash, course N.70° W. Comes from E.
 79.94 The cor. of secs. 26, 27, 34 and 35.
 Land, rolling.
 Soil, gravelly; 3rd rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

N.0° 1' W., bet. secs. 26 and 27.
 Over rolling land, through scattering undergrowth.

2.49 Center of wash, 1 ch. wide, 1 ft. deep, course W. Asc. slightly to
 10.00 Desc. to
 12.99 Enter wash, 5 ft. bank, course SW. Comes from N.
 22.97 Leave wash, 5 ft. bank, course S. Comes from E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

S27 ↑ S26
 1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.

41.00 Center of wash, 2 chs. wide, 2 ft. deep, course SW.
 50.00 Asc. 115 ft. to
 61.04 Spur, slopes W. Desc. 115 ft. to
 65.74 Wash, 50 lks. wide, 5 ft. deep, course W. Asc. 165 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, 2 ft. base, 1 ft. high, for cor. of secs. 22, 23, 26 and 27, marked on brass cap

T12N R18W
 S22 | S23
 ————
 S27 | S26
 1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling hills.
 Soil, gravelly; 3rd rate.
 No timber.

10.

Subdivision of Fractional T. 12 N. R. 18 W.

Chains.

Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00 S.89° 55' E., on a random line, bet. secs. 23 and 26.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.97 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
 23, 24, 25 and 26.
 Thence
 S.89° 59' W., on a true line, bet. secs. 23 and 26.
 Over mountainous land, through scattering undergrowth.
 Desc. 30 ft. to
 4.26 Wash, course SW. Asc. 65 ft. to
 13.41 Spur, slopes SW. Desc. 175 ft. to
 33.14 Wash, course SW. Asc. 80 ft.
 39.98 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S23

$\frac{1}{4}$

S26

1916

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

50.45 Spur, slopes SW. Desc 150 ft. to
 57.39 Ravine, course SW. Asc. slightly to
 59.40 Desc. 90 ft. to
 66.09 Ravine, course SW. Asc. 45 ft. to
 70.90 Desc. 60 ft. to
 74.65 Asc. 60 ft. to
 79.97 The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous.
 Soil, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood and cactus.

N.0° 1' W., bet. secs. 22 and 23.
Over mountainous land, through scattering undergrowth.

Asc. 80 ft. to
 2.43 Spur, slopes W. Desc. 200 ft. to
 11.35 Asc. 20 ft. to
 14.15 Desc. 45 ft. to
 17.16 Ravine, course SW. Asc. 200 ft. to
 31.36 Spur, slopes W. Continue ascent, along W. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S22 | S23

1916

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

40.90 Short spur, slopes W. Desc. 200 ft. to
 60.85 Ravine, course SW. Asc. 90 ft. to
 75.75 Desc. 45 ft. to
 79.06 Ravine, course W. Asc. 25 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 14, 15, 22 and 23, marked on
 brass cap

T12N R18W
S15 | S14

S22 | S23
1916

Subdivision of Fractional T. 12 N., R. 18 W. 11.

Chains.

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, palo verde, greasewood and cactus.

40.00 N.89° 59' E., on a random line, bet. secs. 14 and 23.
Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line, at the cor. of secs. 13, 14, 23
and 24.
Thence
S.89° 59' W., on a true line, bet. secs. 14 and 23.
Over mountainous land, through scattering undergrowth.
Along broken S. slope to
11.90 Spur, slopes SW. Desc. 155 ft. to
18.27 Ravine, course SW. Asc. 30 ft. to
24.05 Desc. 75 ft. to
28.95 Asc. 35 ft. to
32.70 Desc. 140 ft. to
37.91 Same ravine, course NW. Asc. 15 ft. to
40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, for ¼ sec. cor., marked on brass cap

S14

¼

S23
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
Desc. 60 ft. to
43.06 Same ravine, course SW. Asc. 120 ft. to
50.40 Desc. 70 ft. to
55.30 Asc. 25 ft. to
58.60 Desc. 230 ft. to
71.80 Same ravine, course S.80° W. Comes from SE. Asc. to
80.00 The cor. of secs. 14, 15, 22 and 23.
Land, mountainous.
Soil, rocky; 4th rate.
No timber.
Undergrowth, greasewood, palo verde, cactus and ocotillo.

N.0° 1' W., bet. secs. 14 and 15.
Over mountainous land, through scattering undergrowth.
Asc. 115 ft. to
8.05 Desc. 65 ft. to
12.95 Asc. 65 ft. to
16.65 Short spur, slopes SW. Desc. 55 ft. to
24.00 Wash, course SW. Asc. 250 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground, in a mound of stone, for ¼ sec. cor., marked on
brass cap

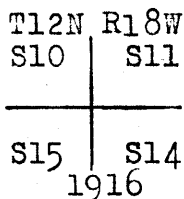
S15 ↑ S14
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
44.48 Spur, slopes SW. Desc. 130 ft. to
58.65 Ravine, course SW. Asc. 245 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of

12. Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

stone, for cor. of secs. 10, 11, 14 and 15, marked on brass cap



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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, palo verde, cactus and ocotillo.

40.00

N.89° 59' E., on a random line, bet. secs. 11 and 14.

80.08

Set temp. ¼ sec. cor;

Intersect N. and S. line, 11 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence

N.89° 56' W., on a true line, bet. secs. 11 and 14.

Over mountainous land, through scattering undergrowth.

Asc. 65 ft. to

2.15

Desc. 195 ft. to

11.80

Asc. 65 ft. to

14.45

Desc. 65 ft. to

19.35

Asc. 195 ft. to

29.76

Spur, slopes SW. Desc. 295 ft.

40.04

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

S11

¼ ———

S14

1916

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

47.85

Asc, slightly to

48.35

Desc. 35 ft. to

53.30

Asc. 35 ft. to

55.75

Desc. 120 ft. to

60.93

Wash. course SW. Formed by junction of wash from N. and wash from NE. Asc. 285 ft. to

76.46

Spur, slopes SW. Desc. 140 ft. to

80.08

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

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo verde, greasewood, cactus and ocotillo.

N.0° 1' W., bet. secs. 10 and 11.

Over mountainous land, through scattering undergrowth.

Asc. 125 ft. to

7.23

Spur, slopes SW. Desc. 125 ft. to

11.07

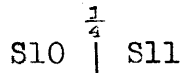
Gulch, course W. Asc. 415 ft.

40.00

Spur, slopes W. Set an iron post, 3 ft. long, 1 in. diam. 6 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high, for ¼ sec. cor., marked on brass cap

Subdivision of Fractional T. 12 N., R. 13 W. 13.

Chains.



1916

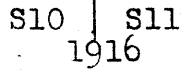
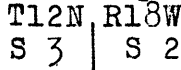
and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

42.25 Desc. 125 ft. to

57.30 Asc. 190 ft. to

63.85 Thence along W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 10 and 11 and fracl. secs. 2 and 3, marked on brass cap



and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, mountainous.

Soil, decomposed granite; 4th rate.

No timber.

Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00 S. 89° 56' E., on a random line, bet. sec. 11 and fracl. sec. 2.

80.20 Set temp. 1/4 sec. cor.

Intersect N. and S. line, 5 lks. N. of the cor. of secs. 11 and 12 and fracl. secs. 1 and 2.

Thence

N. 89° 54' W., on a true line, bet. sec. 11 and fracl. sec. 2.

Over mountainous land, through scattering undergrowth.

Desc. 80 ft. to

4.85 Asc. 55 ft. to

13.20 Desc. 65 ft. to

18.12 Head of gulch, course SW. Asc. 235 ft. to

33.96 Spur, slopes SW. Desc. 330 ft.

40.10 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high, for 1/4 sec. cor., marked on brass cap

S 2



S11
1916

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.

51.19 Gulch, course S. 20° W. Asc. 85 ft. to

56.00 Desc. 115 ft. to

65.80 Asc. 115 ft. to

73.94 Spur, slopes SW. Desc. 195 ft. to

80.20 The cor. of secs. 10 and 11 and fracl. secs. 2 and 3.

Land, mountainous.

Soil, rocky; 4th rate.

No timber.

Undergrowth, palo verde greasewood, sagebrush, ocotillo and cactus.

N. 0° 1' W., on a true line, bet. fracl. secs. 2 and 3.

Over mountainous land, through scattering undergrowth.

Asc. 240 ft. to

9.89 Ridge, brs. E. and W. Desc. 115 ft. to

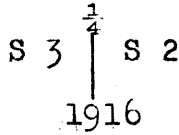
20.04 Gulch, course W. Asc. 145 ft. to

14. Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

31.23
40.00

Divide, brs. E. and W. Desc. 25 ft. to Gulch, course NE.
Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, 15 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

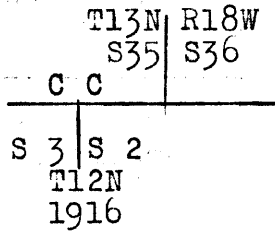


and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Asc. 85 ft. to

51.70
60.30

Spur, slopes E. Desc. 115 ft. to Intersect Third Standard Parallel North, 4.28 chs. E. of the standard $\frac{1}{4}$ sec. cor. to sec. 35, T. 13 N., R. 18 W. which is a granite stone, 14 X 14 X 8 ins. above ground firmly set, marked and witnessed as described by the Surveyor-General. (Established under current Group 42).
At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high, for closing cor. of fract. secs. 2 and 3, marked on brass cap



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

Land, mountainous

Soil, decomposed granite; 4th rate.

No timber.

Undergrowth, palo verde, greasewood, sagebrush and cactus.

9.14

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is an iron post, described in Book "A", N.0° 2'W., bet. secs. 33 and 34.

Over mountainous land, through scattering undergrowth.

Desc. 125 ft. to

Center of wash, 1 ch. wide, 1 ft. deep, course SW. Asc. 175 ft. to

19.31

Spur, slopes SW. Desc. 95 ft. to

24.09

Gulch, course W. Asc. 170 ft. to

33.39

Divide, brs. E. and W. Desc. 185 ft.

40.00

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



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

49.77

Wash, 10 lks. wide, 5 ft. deep, course NW. Asc. 30 ft. to

51.61

Spur, slopes NW. Desc. 100 ft. to

61.54

Wash, course W. Asc. 105 ft. to

79.35

Desc. 20 ft. to

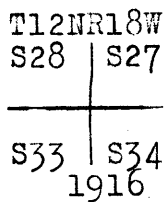
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on

Subdivision of Fractional T. 12 N., R. 18 W. 15.

chains.

brass cap



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

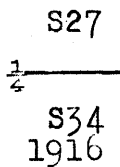
Land, mountainous.

Soil, malpais and decomposed granite; 4th rate.

No timber.

Undergrowth, palo verde, greasewood, sagebrush and cactus.

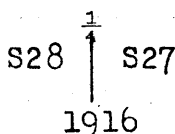
- 40.00 East on a random line, bet. secs. 27 and 34.
- Set temp. ¼ sec. cor.
- 80.05 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 26, 27, 34 and 35.
- Thence
- S.89° 59' W., on a true line, bet. secs. 27 and 34.
- Over rolling land, through scattering undergrowth.
- Desc. 35 ft. to
- 9.97 Enter wash, 1 ch. wide, 2 ft. deep, course W. Comes from NE.
- 14.97 Leave wash, course NW. Asc. 40 ft. to
- 22.95 Desc. 120 ft.
- 40.02½ Set an iron post, 3 ft. long, 1 in diam., in a mound of stone, for ¼ sec. cor., marked on brass cap



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

- 44.97 Enter same wash, 2 ft. bank, course S.80° W.
- 51.95 Leave wash, 2 ft. bank, course S.80° W. Asc. 115 ft. to
- 59.68 Spur, slopes S. Desc. 135 ft. to
- 77.31 Wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 20 ft. to
- 80.05 The cor. of secs. 27, 28, 33 and 34.
- Land, rolling.
- Soil, gravelly; 3rd rate.
- No timber.
- Undergrowth, palo verde, greasewood, sagebrush and cactus.

- N.0° 2' W., bet. secs. 27 and 28.
- Over mountainous land, through scattering undergrowth.
- Asc. 85 ft. to
- 10.76 Spur, slopes W. Desc. 90 ft. to
- 20.25 Center of wash, 1 ch. wide, 10 ft. deep, course SW. Asc. 180 ft. to
- 27.55 Spur, slopes W. Desc. 125 ft. to
- 32.19 Gulch, course W. Asc. 85 ft. to
- 40.00 Spur, slopes W.
- Set an iron post, 3 ft. long 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

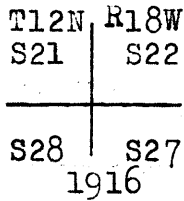


16.

Subdivision of Fractional T. 12 N., R. 18 W.

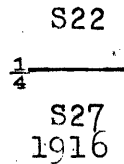
Chains.

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Desc. 115 ft. to
 44.73 Gulch, course W. Asc. 70 ft. to
 50.02 Spur, slopes W. Desc. 140 ft. to
 55.15 Center of wash, 1 ch. wide, 5 ft. deep, course W. Thence over rolling land.
 79.55 Enter wash, 1 ft. deep, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap



and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous and rolling.
 Soil, gravelly and rocky; 3rd and 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00 N. 89° 59' . . ., on a random line, bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect N. and S. line, at the cor. of secs. 22, 23, 26 and 27.
 Thence
 S. 89° 59' W., on a true line, bet. secs. 22 and 27.
 Over rolling land, through scattering undergrowth.
 Asc. 25 ft. to
 3.78 Spur, slopes SW. Desc. 85 ft. to
 8.60 Asc. 30 ft. to
 11.05 Desc. 110 ft. to
 21.45 Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc. slightly to
 25.95 Desc. 60 ft., to
 35.91 Wash, 50 lks. wide, 2 ft. deep, course N. 80° W. Thence along N. slope
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



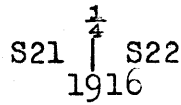
and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
 43.00 Wash, 50 lks. wide, 2 ft. deep, course SW. Asc. 45 ft. to
 53.17 Spur, slopes SW. Desc. 110 ft. to
 63.02 Wash, 50 lks. wide, 5 ft. deep, course SW. Thence over level land.
 77.53 Enter wash, 5 ft. bank, course SW.
 80.08 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling hills.
 Soil, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

Subdivision of Fractional T. 12 N., R. 18 W., 17.

Chains.

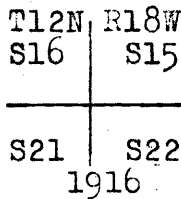
N.0° 2' W., bet. secs. 21 and 22.
Over rolling land, through scattering undergrowth.
Across wash.

- 12.00 Leave wash, 10 ft. bank, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

- 49.40 Enter wash, 5 ft. bank, course SW.
- 56.90 Leave wash, 2 ft. bank, course SW. Asc. 40 ft. to
- 70.55 Desc. 30 ft. to
- 75.55 Enter wash, 5 ft. bank, course W.
- 76.53 Leave wash, 2 ft. bank, course W. Asc. 35 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap



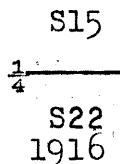
and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

- 40.00 N. 89° 59' E., on a random line, bet secs. 15 and 22. Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. and S. line, 23 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence
S. 89° 49' W., on a true line, bet. secs. 15 and 22.
Over rolling land, through scattering undergrowth.

- 19.98 Desc. 30 ft. to Wash, course S. Asc. slightly to
- 25.82 Spur, slopes S. Desc. 25 ft. to
- 32.80 Asc. 15 ft. to
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

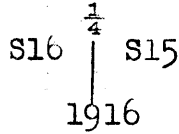
- 54.90 Desc. 110 ft. to Wash, course SW. Asc. slightly to
 - 79.98 The cor. of secs. 15, 16, 21 and 22.
- Land, rolling.
Soil, 4th rate.
No timber.
Undergrowth, palo verde, cactus and greasewood,

18.

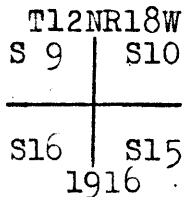
Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

N.0° 2' W., bet. secs. 15 and 16.
 Over rolling land, through scattering undergrowth.
 Desc. 40 ft. to
 4.65 Wash, 10 ft. deep, course SW. Asc. 205 ft. to
 39.37 Spur, slopes SW. Desc. 75 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, in a mound of stone, 3 ft. base, 20 ins. high,
 for $\frac{1}{4}$ sec. cor., marked on brass cap

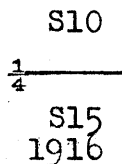


and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
 W. of cor.
 42.76 Gulch, course W. Asc. 205 ft. to
 60.74 Spur, slopes W. Desc. 80 ft. to
 65.60 Asc. 85 ft. to
 67.30 Desc. 140 ft. to
 72.33 Center of wash, 1 ch. wide, 10 ft. deep, course W. Asc.
 95 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground, in a mound of stone, 3 ft. base, 20 ins. high,
 for cor. of secs. 9, 10, 15 and 16, marked on brass
 cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
 W. of cor.
 Land, mountainous and rolling.
 Soil, decomposed granite; 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00 N.89° 49' E., on a random line, bet. secs. 10 and 15.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 14 lks. N. of the cor. of secs.
 10, 11, 14 and 15.
 Thence
 S.89° 55' W., on a true line, bet. secs. 10 and 15.
 Over mountainous land, through scattering undergrowth.
 Desc. 185 ft. to
 14.75 Asc. 55 ft. to
 19.70 Desc 80 ft. to
 26.23 Wash, course S. Asc. 125 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 40.70 Spur, slopes S. Desc. 205 ft. to
 49.49 Ravine, course S. Asc. 285 ft. to
 61.49 Spur, slopes SW. Desc. 155 ft. to
 74.94 Wash, course SW. Asc. 70 ft. to
 79.25 Desc. slightly to
 80.00 The cor. of secs. 9, 10, 15 and 16.
 Land, mountainous.

Subdivision of Fractional T. 12 N., R. 18 W.

19.

Chains.

Soil, 4th rate.
No timber.
Undergrowth, palo verde, cactus, greasewood and ocotillo.

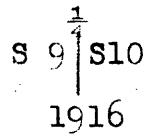
N.0° 2' W., bet. secs. 9 and 10.
Over mountainous land, through scattering undergrowth.

2.89
12.78

Asc. 90 ft. to
Spur, slopes W. Desc. 120 ft. to
Wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 250 ft.
to

36.24
40.00

Spur, slopes W. Desc. N. slope, 50 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground, for 1/4 sec. cor., marked on brass cap



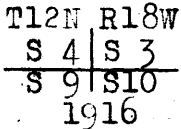
and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W.
of cor.

41.50
48.52

Asc. 25 ft. to
Desc. 95 ft. to
Center of wash, 2.50 chs. wide, 2 ft. deep, course W. Asc.
135 ft. to

57.00
61.90
72.72
80.00

Desc. 65 ft. to
Asc. 150 ft. to
Spur, slopes W. Desc. 40 ft. to
Set an iron post, 3 ft long, 2 ins. diam., 20 ins. in the
ground in a mound of stone, 3ft. base, 15 ins. high,
for cor. of secs. 9 and 10 and fracl. secs. 3 and 4,
marked on brass cap



and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W.
of cor.

Land, mountainous.
Soil, decomposed granite, 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00
79.98

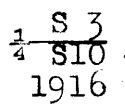
N.89° 55' E., on a random line, bet. sec. 10 and fracl. sec. 3.
Set to m. 1/4 sec. cor.
Intersect N. and S. line, 9 lks. S. of the cor. of secs.
10 and 11 and fracl. secs. 2 and 3.
Thence

5.00
12.64
34.95

S.89° 51' W., on a true line, bet. sec. 10 and fracl. sec. 3.
Over mountainous land, through scattering undergrowth.
Desc. to
Asc. 185 ft. to
Spur, slopes SW. Desc. 505 ft. to
Center of wash, 1 ch. wide, 5 ft. deep, course S.20° W.
Asc. 235 ft.

39.99

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground, in a mound of stone, 3 ft. base, 20 ins. high,
for 1/4 sec. cor., marked on brass cap.



20.

Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.
 45.52 Spur, slopes S. Desc. 140 ft. to
 58.60 Gulch, course S. Asc. 160 ft. to
 65.61 Spur, slopes S. Desc. 280 ft. to
 79.98 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous.
 Soil, decomposed granite, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

N.0° 2' W., on a true line, bet. ~~frac.~~ secs. 3 and 4.
 Over mountainous land, through scattering undergrowth.
 Desc. 40 ft. to
 10.60 Asc. 65 ft. to
 16.25 Desc. 85 ft. to
 21.06 Draw, course W. Asc. 30 ft. to
 23.80 Desc. 35 ft. to
 28.80 Asc. 160 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, 1 ft. high, for 1/2 sec. cor., marked on brass cap

S 4 1/2 S 3
 1916

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.
 Desc. 120 ft. to
 47.04 Wash, 50 lks. wide, 5 ft. deep, course W. Asc. 160 ft. to
 55.06 Spur, slopes W. Desc. 120 ft. to
 60.39 Intersect Third Standard Parallel North, 4.13 chs. E. of the Standard 1/4 sec. cor. of sec. 34, T. 13 N., R. 18 W., which is a granite rock, 12 X 8 X 2 ins. above ground, marked and witnessed as described by the Surveyor-General. (Established under current Group 42.)
 At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of frac. secs. 3 and 4, marked on brass cap

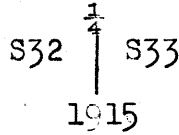
T13N R18W
 C C S34 S35
 S 4 1/2 S 3
 T12N
 1916

and raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.
 Land, mountainous.
 Soil, decomposed granite, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

From the cor. of secs. 4 and 33, and frac. secs. 5 and 32, on the S. bdy. of the Tp., which is an iron post, described in Book "A",
 N.0° 2' W., bet. sec. 33 and frac. sec. 32.
 Over mountainous land, through scattering undergrowth.
 Desc. 40 ft. to
 4.35 Wash, course W. Asc. 80 ft. to
 6.45 Spur, slopes W. Desc. 65 ft. to
 12.36 Center of wash, 2 chs. wide, 10 ft. deep, course W. Asc. 110 ft. to

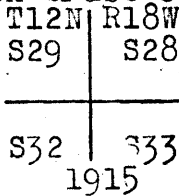
Chains.
19.24
24.25
40.00

Spur, slopes W. Desc. 25 ft. to
Asc. 45 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
W. of cor.

51.98 Desc. 30 ft. to
62.09 Wash, 50 lks. wide, 5 ft. deep, course W. Asc. 60 ft. to
69.15 Spur, slopes W. Desc. 40 ft to
74.22 Wash, 50 lks. wide, 10 ft. deep, course SW. Asc. 20 ft. to
Center of wash, 1 ch. wide, 10 ft. deep, course W. Asc.
slightly to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 28, 29, 33, and fracl. sec.
29 and 32, marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
W. of cor.

Land, rolling and mountainous.
Soil, gravelly and rocky; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

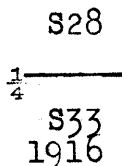
40.00
79.88

East on a random line, bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 5 lks. S. of the cor. of secs.
27, 28, 33 and 34.

Thence
S. $89^{\circ} 58'$ W., on a true line, bet. secs. 28 and 33.
Over mountainous land, through scattering undergrowth.
Desc. 75 ft. to

7.52
39.94

Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc.
415 ft.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground, in a mound of stone, 3 ft. base, 20 ins. high,
for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high,
N. of cor.

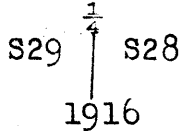
40.05 Wash, 50 lks. wide, 4 ft. deep, course S. Asc. to
41.48 Spur, slopes S. Desc. 254 ft. to
50.52 Head of gulch, course S. 80° W. Asc. slightly to
52.60 Desc. 370 ft. to
79.88 The cor. of secs. 28, 29, 33, and fracl. sec. 32.
Land, mountainous.
Soil, rocky; decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

22.

Subdivision of Fractional T. 12 N., R. 18 W.

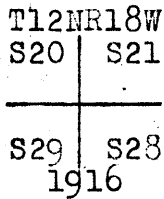
Chains

N.0° 2' W., bet. secs. 28 and 29.
 Over mountainous land, through scattering undergrowth.
 Asc. 130 ft. to
 10.43 Spur, slopes SW. Desc. 65 ft. to
 15.34 Gulch, course SW. Asc. 155 ft. to
 21.50 Spur, slopes W. Desc. 335 ft. to
 40.00 Left bank of wash, course W.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
 W. of cor.

45.00 Leave wash, course W. Asc. 100 ft. to
 57.39 Spur, slopes W. Desc. 75 ft. to
 62.26 Gulch, course W. Asc. 25 ft. to
 69.65 Thence over rolling land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground, in a mound of stone, 3 ft. base, 20 ins. high,
 for cor. of secs. 20, 21, 28 and 29, marked on brass
 cap

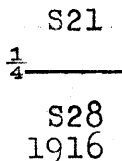


and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
 W. of cor.

Land, rolling and mountainous.
 Soil, decomposed granite; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, sagebrush and cactus.

40.00 N.89° 58'E., on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line, 11 lks. N. of the cor. of secs.
 21, 22, 27 and 28.

Thence
 N.89° 57' W., on a true line, bet secs. 21 and 28.
 Over rolling land, through scattering undergrowth.
 10.00 Leave wash, 10 ft. bank, course SW.
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, 3 ft. base, 15 ins. high,
 for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
 N. of cor.

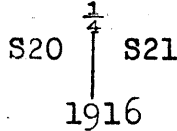
45.00 Desc. 70 ft. to
 55.44 Center of wash, 1 ch. wide, 5 ft. deep, course S.20° W.
 Asc. E. slope 175 ft. to
 64.53 Spur, slopes S. Desc. W. slope 180 ft. to
 79.92 The cor. of secs. 20, 21, 28 and 29.
 Land, rolling hills.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

Subdivision of Fractional T. 12 N., R. 18 W. 23.

Chains.

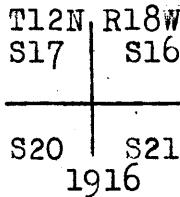
N.0° 2' W., bet. secs. 20 and 21.
Over rolling land, through scattering undergrowth.

- Asc. 85 ft. to
- 7.65 Spur, slopes W. Desc. 55 ft. to
- 12.00 Gulch, course W. Asc. 40 ft. to
- 15.95 Desc. 40 ft. to
- 20.90 Asc. 75 ft. to
- 26.45 Spur, slopes W. Desc. 175 ft. to
- 37.19 Center of wash, 1 ch. wide, 10 ft. deep, course W. Asc. S. slope, 90 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

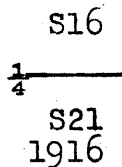
- 50.40 Spur, slopes W. Desc. 90 ft. to
- 65.05 Center of wash, 1 ch. wide, 5 ft. deep, course W. Thence over rolling land.
- 80.00 Wash, 1 ch. wide, 2 ft. deep, course SW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap



and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, rolling.
Soil, decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

- 40.00 S.89° 57' E., on a random line, bet. secs. 16 and 21.
Set temp. 1/4 sec. cor.
- 80.00 Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22.
Thence N.89° 57' W., on a true line, bet. secs. 16 and 21.
Over rolling and mountainous land, through scattering undergrowth.
- Desc. 75 ft. to
- 10.75 Asc. 70 ft. to
- 14.60 Desc. 115 ft. to
- 25.76 Wash, course SW. Asc. 25 ft. to
- 32.40 Thence over rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap



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

- 59.20 Asc. 65 ft. to
- 63.68 Spur, slopes SW. Desc. 75 ft. to
- 74.50 Asc. 20 ft. to
- 77.80 Desc. 75 ft. to

24.

Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

80.00 The cor. of secs. 16, 17, 20 and 21.
Land, mountainous and rolling.
Soil, 4th rate.
No timber.
Undergrowth, palo verde, greasewood, ocotillo and cactus.

N.0° 2' W., bet. secs. 16 and 17.
Over mountainous land, through scattering undergrowth.
Asc. 200 ft. to
13.03 Spur, slopes SW. Desc. 165 ft. to
26.87 Center of wash, 1 ch. wide, 2 ft. deep, course SW. Asc.
55 ft. to
29.65 Desc. 25 ft. to
34.65 Asc. 85 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S17 \uparrow S16
1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.
42.82 Spur, slopes W. Desc. 85 ft. to
48.15 Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc.
65 ft. to
56.08 Spur, slopes E. Desc. 20 ft. to
61.56 Center of wash, 1 ch. wide, 10 ft. deep, course SE.
66.56 Center of wash, 1 ch. wide, 10 ft. deep, course SW. Asc.
75 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the
ground, in a mound of stone, 3 ft. base, 1 ft. high,
for cor. of secs. 8, 9, 16 and 17, marked on brass cap

T12N | R18W
S 8 | S 9

S17 | S16
1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.
Land, mountainous.
Soil, decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00 S.89° 57' E., on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
9, 10, 15 and 16.

Thence
N.89° 54' W., on a true line, bet. secs. 9 and 16.
Over mountainous land, through scattering undergrowth.
Desc. 55 ft. to
3.19 Gulch, course S. Asc. 130 ft. to
11.65 Spur, slopes S. Desc. 180 ft. to
19.98 Gulch, course SE. Asc. 225 ft. to
29.36 Spur, slopes S. Desc. 225 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground, in a mound of stone, 3 ft. base, 20 ins. high,
for $\frac{1}{4}$ sec. cor., marked on brass cap

Chains.

S 9

$\frac{1}{4}$

S16
1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
N. of cor.

- 42.11 Gulch, course S. Asc. 205 ft. to
- 50.43 Spur, slopes S. Desc. 275 ft. to
- 76.60 Center of wash, 1 ch. wide, 15 ft. deep, course S.20° W.
Asc. 20 ft. to
- 80.00 The cor. of secs. 8, 9, 16 and 17.

Land, mountainous.
Soil, rocky; decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

N.0° 2'W., bet. secs. 8 and 9.
Over mountainous land, through scattering undergrowth.
Asc. 100 ft. to

- 7.34 Spur, slopes W. Desc. 90 ft. to
- 12.15 Gulch, course W. Asc. 125 ft. to
- 34.88 Spur, slopes W. Desc. 45 ft. to
- 40.00 Wash, 3 chs. wide, 2 ft. deep, course SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 8 | S 9
|
1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.

- 49.73 Asc. 75 ft. to
- 56.10 Spur, slopes W. Desc. 75 ft. to
- 60.90 Center of wash, 3 chs. wide, 5 ft. deep, course SW. Asc.
95 ft. to
- 65.85 Desc. 45 ft. to
- 80.00 Thence along W. slope to
Set an iron post, 3 ft. long, 2 ins. diam., in amount of
stone, for cor. of secs. 8 and 9, and fracl. secs. 4
and 5, marked on brass cap

T12N, R18W
S 5 | S 4
+
S 8 | S 9
1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.

Land, mountainous.
Soil, decomposed granite; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

- 40.00 S.89° 54' E., on a random line, bet. sec. 9 and fracl. sec. 4
- 79.95 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 9 lks. S. of the cor. of secs.
9 and 10 and fracl. secs. 3 and 4.
Thence
N.89° 58' W., on a true line, bet. sec. 9 and fracl. sec. 4.
Over mountainous land, through scattering undergrowth.

Chains.
 13.05 Gulch, course SW. Asc. 40 ft. to
 18.00 Desc. 85 ft. to
 22.85 Asc. 95 ft. to
 31.49 End of spur, slopes S. Desc. 190 ft. to
 39.97½ The true point for ¼ sec. cor. falls in draw, course N.
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, in a mound of stone, 3 ft. base, 20 ins. high,
 for witness cor. to ¼ sec. cor., marked on brass cap

S 4

¼ ——— WC

S 9
1916

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

Asc. to
 42.80 Desc. 105 ft. to
 52.64 Wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 25 ft.
 to
 55.60 Desc. 35 ft. to
 63.09 Center of wash, 3 chs. wide, 2 ft. deep, course S.20° W.
 Asc. 25 ft. to
 71.25 Desc. 30 ft. to
 76.25 Asc. 50 ft. to
 79.95 The cor. of secs. 8, and 9 and fracl. secs. 4 and 5.
 Land, mountainous.
 Soil, decomposed granite; 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, sagebrush and cactus.

N.0° 2' W., on a true line, bet. fracl. secs. 4 and 5.
Over rolling land, through scattering undergrowth.

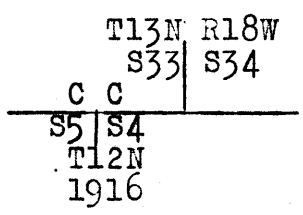
Asc. 30 ft. to
 2.30 Desc. 30 ft. to
 5.00 Asc. slightly to
 15.71 Spur, slopes W. Desc. 30 ft. to
 20.70 Asc. 15 ft. to
 23.30 Desc. 40 ft. to
 27.34 Wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 50 ft.
 to
 35.81 Spur, slopes W. Desc. to
 40.00 Draw, course W.
 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground, in a mound of stone, 2 ft. base, 1½ ft. high,
 for ¼ sec. cor., marked on brass cap

S 5 | S 4
1916

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

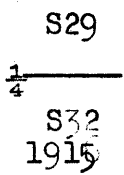
Asc. slightly to
 48.60 Desc. 45 ft. to
 54.53 Center of wash, 2 chs. wide, 2 ft. deep, course S.20° W.
 Asc. 40 ft. to
 59.39 Spur, slopes W. Desc. 35 ft. to
 60.40 Intersect Third Standard Parallel North, 4.14 chs. E. of
 the standard ¼ sec. cor. of sec. 33, which is an iron
 post, properly set, marked and witnessed as described
 by the Surveyor-General. (Established under current Group 42)
 At the point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 24 ins. in the ground, for closing cor. of
 fracl. secs. 4 and 5, marked on brass cap

Chains.

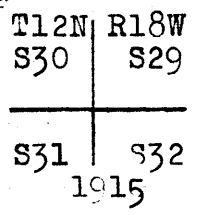


and raise a mound of stone, 3 ft. base, 3 ft. high,
S. of cor.
Land, rolling hills.
Soil, 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

From the cor. of secs. 28, 29, 33 and fracl. sec. 32, here-
inbefore described.
West on a true line, bet. sec. 29 and fracl. sec. 32.
Over mountainous land, through scattering undergrowth.
Asc. 150 ft. to
14.13 Divide, brs. ENE. and SW. Desc. 254 ft. to
33.14 Center of wash, 1 ch. wide, 10 ft. deep, course SW. Asc.
55 ft. to
36.95 Spur, slopes S. Desc. 115 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
N. of cor.
53.00 Center of wash, 1 ch. wide, 10 ft. deep, course SW. Asc.
30 ft. to
57.14 Spur, slopes SW. Desc. 30 ft. to
61.81 Gulch, course SW. Asc. 45 ft. to
72.85 Spur, slopes S. Desc. 120 ft. to
80.00 Draw, course S.
Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground, in a mound of stone, 3 ft. base, 2 ft. high,
for cor. of sec. 29, and fracl. secs. 30, 31 and 32,
marked on brass cap



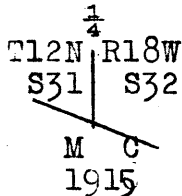
and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
W. of cor.
Land, mountainous.
Soil, malpais; 4th rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

From the cor. of sec. 29, and fracl. secs. 30, 31 and 32,
S.0° 3'E., on a true line, bet. fracl. secs. 31 and 32.
Over rolling hills, through scattering undergrowth.
Desc. 25 ft. to
5.00 Asc. 50 ft. to
7.90 Gravel spur, slopes W. Desc. 225 ft. to
30.45 Enter Colorado River bottomland, brs. NW. and SE.

28. Subdivision of Fractional T. 12 N., R. 18 W.

Chains.
37.85
40.00

Road, brs. NW. and SE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, on the left bank of the Colorado River, at mean high water mark, for $\frac{1}{4}$ sec. cor., and meander cor. of fracl secs. 31 and 32, marked on brass cap



dig a pits, 36 X 36 X 12 ins., 8 ft. N. of post; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

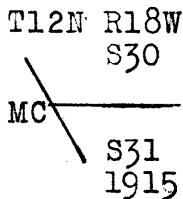
Land, level and rolling.
Soil, 30 chs. gravelly; 3rd rate; 10 chs. sandy, 1st rate.
No timber.
Undergrowth, palo verde, mesquite, greasewood and arrowweed.

3.95
12.70
26.00
33.40

From the cor. of sec. 29, and fracl. secs. 30, 31 and 32, West on a true line, bet. fracl. secs. 30 and 31. Over rolling land, through scattering undergrowth. Asc. 50 ft. to

Desc. 160 ft. to Enter Colorado River bottom land, brs. N. and S. Road, brs. N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, on the left bank of the Colorado River, at mean high water mark, for meander cor. of fracl. secs. 30 and 31, marked on brass cap



dig a pit, 36 X 36 X 12 ins., 8 ft. E. of post; and raise a mound of earth, 4 ft. base, 2 ft. high, E. of cor.

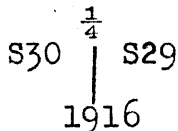
Land, level and rolling.
Soil, sandy; and decomposed granite; 3rd rate.
No timber.
Undergrowth, palo verde, mesquite and catclaw.

7.48
19.83
25.90
38.09
40.00

From the cor. of sec. 29, and fracl. secs. 30, 31 and 32, N.0° 3' W., bet. sec. 29 and fracl. sec. 30. Over mountainous land, through scattering undergrowth. Asc. 80 ft. to

Spur, slopes W. Desc. 15 ft. to Wash, course W. Asc. 90 ft. to Spur, slopes W. Desc. 95 ft. to Wash, course SW. Thence over rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



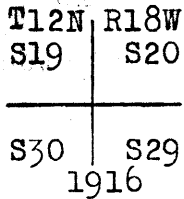
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Subdivision of Fractional T. 12 N., R. 18 W.

29.

Chains.

50.00 Asc. 225 ft. to
 75.93 Spur, slopes W. Desc. 15 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 19, 20, 29 and fracl. sec. 30, marked on brass cap

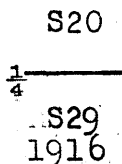


and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous and rolling.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, palo verde, cactus and cat claw.

40.00 East on a random line, bet. secs. 20 and 29.
 80.00 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 11 lks. S. of the cor. of secs. 20, 21, 28 and 29

Thence
 S.89° 55' W., on a true line, bet. secs. 20 and 29.
 Over rolling land, through scattering undergrowth.

Asc. 140 ft. to
 8.88 Spur, slopes S. Desc. 200 ft. to
 20.78 Gulch, course SW. Asc. slightly to
 27.75 Desc. 105 ft. to
 39.94 Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc. 30 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base, 15 ins. high, for ¼ sec. cor., marked on brass cap



and raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.
 43.70 Desc. 115 ft. to
 61.41 Center of wash, 1 ch. wide, 15 ft. deep, course S. Asc. 150 ft. to
 74.76 Spur, slopes SW. Desc. 80 ft. to
 80.00 The cor. of secs. 19, 20, 29 and fracl. sec. 30.
 Land, rolling.
 Soil, decomposed granite; 4th rate.
 No timber.
 Undergrowth, palo verde, sagebrush, greasewood and cactus.

14.77 West on a true line, bet. sec. 19 and fracl. sec. 30,
 33.69 Over mountainous land, through scattering undergrowth.
 38.40 Desc. 115 ft. to
 40.00 Wash, course S. Asc. 135 ft. to
 Spur, slopes S. Desc. 130 ft. to
 Asc. 40 ft. to
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

30. Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

S19

$\frac{1}{4}$

S30
1916

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

Desc. 105 ft. to

52.20 Asc. 15 ft. to

54.20 Desc. 45 ft. to

57.03 Asc. 45 ft. to

60.97 Spur, slopes SW. Desc. 100 ft. to

69.43 Wash, course S. Asc. 55 ft. to

72.45 Desc. to

78.35 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for cor. of secs. 19, 24, and fracl. secs. 25
and 30, marked on brass cap

T12N

R19W | R18W
S24 | S19

S25 | S30
1916

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

Land, mountainous.

Soil, 4th rate.

No timber.

Undergrowth, palo verde, cactus and greasewood.

From the cor. of secs. 19, 20, 29 and fracl. sec. 30.
N.0° 3' W., bet. secs. 19 and 20.

Over rolling land, through scattering undergrowth.

Desc. 40 ft. to

5.00 Asc. 40 ft. to

7.29 Spur, slopes SW. Desc. 75 ft. to

21.28 Enter wash, 2 chs. wide, 5 ft. deep, course SW.

26.75 Leave wash, course S. Comes from NE. Asc. 110 ft. to

40.00 E. slope of knoll.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the
ground, in a mound of stone, 3 ft. base, 1 ft. high,
for ¼ sec. cor., marked on brass cap

S19 | S20

1916

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

Desc. 30 ft. to

46.85 Gulch, course SE. Asc. 10 ft. to

48.50 Desc. 50 ft. to

65.15 Asc. 25 ft. to

70.15 Desc. 30 ft. to

77.21 Center of wash, 1 ch. wide, 5 ft. deep, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 17, 18, 19 and 20, marked on
brass cap

T12N | R18W
S18 | S17

S19 | S20
1916

Subdivision of Fractional T. 12 N., R. 18 W. 31.

Chains.	
	<p>and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor. Land, rolling. Soil, decomposed granite; 4th rate. No timber. Undergrowth, palo verde, greasewood, sagebrush and cactus.</p>
40.00	N. $89^{\circ} 55'$ E., on a random line, bet. secs. 17 and 20.
79.90	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21. Thence S. $89^{\circ} 57'$ W., on a true line, bet. secs. 17 and 20. Over rolling land, through scattering undergrowth. Asc. 40 ft. to 2.80 Desc. 55 ft. to 57.65 Asc. 55 ft. to 12.60 Spur, slopes S. Desc. 80 ft. to 31.97 Center of wash, 1 ch. wide, 10 ft. deep, course SW. Thence over rolling land. 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	S17 $\frac{1}{4}$ ——— S20 1916
58.55	and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
79.90	Wash, 50 lks. wide, 5 ft. deep, course SW. The cor. of secs. 17, 18, 19 and 20. Land, rolling. Soil, decomposed granite; 3rd rate. No timber. Undergrowth, palo verde, greasewood, sagebrush and cactus.
40.00	West on a random line, bet. secs. 18 and 19.
78.40	Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of Tp., 21 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, described in Book "A" Thence S. $89^{\circ} 51'$ E., on a true line, bet. secs. 18 and 19. Over rolling land, through scattering undergrowth. Asc. 20 ft. to 0.60 Spur, slopes N. Desc. 125 ft. to 5.76 Center of wash, 2 chs. wide, 10 ft. deep, course S. 20° W. Asc. 135 ft. to 12.05 Desc. 60 ft. to 20.00 Asc. 15 ft. to 21.30 Spur, slopes N. Desc. 90 ft. to 35.03 Center of wash, 1 ch. wide, 5 ft. deep, course S. Asc. slightly to 38.40 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	S18 $\frac{1}{4}$ ——— S19 1916
	and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

32.

Subdivision of Fractional T. 12 N., R. 18 W.

Chains.	Thence over rolling land.
45.92	Enter wash, 5 ft. bank, course SW.
54.37	Leave wash, 5 ft. bank, course SW.
70.56	Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc. 55 ft. to
76.00	Desc. 50 ft. to
78.40	The cor. of secs. 17, 18, 19 and 20. Land, rolling. Soil, malpais; 4th rate. No timber. Undergrowth, palo verde, greasewood, sagebrush and cactus.
	N.0° 3' W., bet. secs. 17 and 18. Over rolling land, through scattering undergrowth. Asc. 60 ft. to
7.95	Desc. 45 ft. to
13.39	Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc. 35 ft. to
22.90	Thence over rolling land.
32.38	Enter wash, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{c} \uparrow \\ \text{S18} \quad \quad \text{S17} \\ \text{1916} \end{array}$
	and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
50.00	Leave wash, course SW.
57.30	Center of wash, 2 chs. wide, 5 ft. deep, course SW.
71.39	Center of wash, 1 ch. wide, 2 ft. deep, course SW.
78.59	Center of wash, 1 ch. wide, 5 ft. deep, course SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap
	$\begin{array}{c} \text{T12N R18W} \\ \text{S 7} \quad \quad \text{S 8} \\ \hline \text{S18} \quad \quad \text{S17} \\ \text{1916} \end{array}$
	and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling. Soil, gravelly; 3rd rate. No timber. Undergrowth, palo verde, greasewood, sagebrush and cactus.
40.00	N.89° 57' E., on a random line, bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor.
79.95	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 8, 9, 16 and 17. Thence
	S.89° 59' W., on a true line, bet. secs. 8 and 17. Over rolling land, through scattering undergrowth. Desc. 65 ft. to
8.81	Center of wash, 1 ch. wide, 5 ft. deep, course SW. Asc. 25 ft. to
16.30	Spur, slopes S. Desc. 40 ft. to
21.26	Wash, 50 lks. wide, 3 ft. deep, course SW. Thence over gently rolling land.
39.97 $\frac{1}{2}$	Set an iron post 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base, 20 ins. high,

Subdivision of Fractional T. 12 N., R. 18 W.

33.

Chains.

for 1/4 sec. cor., marked on brass cap

S 8

1/4

S17

1916

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.

47.95

Center of wash, 2 chs. wide, 5 ft. deep, course SW.

78.15

Center of wash, 2 chs. wide, 10 ft. deep, course SW.

79.95

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

Land, rolling.

Soil, gravelly and rocky; 4th rate.

No timber.

Undergrowth, palo verde, greasewood and sagebrush.

40.00

N. 89° 51' W., on a random line, bet. secs. 7 and 18.

Set temp. 1/4 sec. cor.

78.35

Intersect W. bdy. of T., at the cor. of secs. 7, 12, 13 and 18, which is an iron post, described in Book "A".

Thence

S. 89° 51' E., on a true line, bet. secs. 7 and 18.

Over rolling land, through scattering undergrowth.

15.15

Wash, 50 lks. wide, 2 ft. deep, course SW.

27.35

Center of wash, 1 ch. wide, 5 ft. deep, course SW.

38.35

Wash, 2 chs. wide, 2 ft. deep, course SW.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base, 2 ft. high, for 1/4 sec. cor., marked on brass cap

S 7

1/4

S18

1916

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.

78.35

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

Land, rolling.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, palo verde, greasewood, sagebrush and cactus.

17.07

N. 0° 3' W., bet. secs. 7 and 8.

Over rolling land, through scattering undergrowth.

32.06

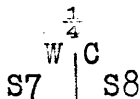
Enter wash, 5 ft. bank, course SW.

38.30

Leave wash, 5 ft. bank, course SW.

Bank of wash, course SW.

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



1916

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

40.00

The true point for 1/4 sec. cor. falls in wash, course SW.

50.00

Leave wash, 5 ft. bank, course SW. Thence over level land.

80.00

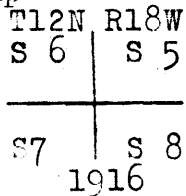
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the

34.

Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

ground, in a mound of stone, 3 ft. base, 1 ft. high, for cor. of secs. 7 and 8 and fracl. secs. 5 and 6, marked on brass cap



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

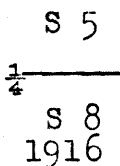
Land, rolling and gently rolling.

Soil, gravelly; 3rd rate.

No timber

Undergrowth, palo verde, greasewood, sagebrush and cactus.

40.00 N. 89° 59' E., on a random line, bet. sec. 8 and fracl. sec. 5.
 Set temp. ¼ sec. cor.
 80.00 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 8 and 9 and fracl. secs. 4 and 5.
 Thence
 N. 89° 55' W., on a true line, bet. sec. 8 and fracl. sec. 5.
 Over rolling and mountainous land, through scattering undergrowth.
 13.70 Wash, 50 lks. wide, 5 ft. deep, course SW. Asc. 95 ft. to
 19.26 Spur, slopes SW. Desc. 75 ft. to
 29.13 Head of gulch, course SE. Asc. 40 ft. to
 39.31 Spur, slopes N. Desc. 115 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

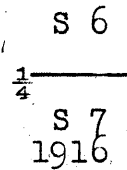


and raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.
 48.89 Center of wash, 1 ch. wide, 10 ft. deep, course SW. Asc. 50 ft. to
 54.80 Desc. 75 ft. to
 63.18 Center of wash, 4 chs. wide, 2 ft. deep, course SW. Asc. 60 ft. to
 67.57 Spur, slopes S. Desc. 85 ft. to
 72.40 Foot of desc.; thence over level land.
 80.00 The cor. of secs. 7 and 8 and fracl. secs. 5 and 6.
 Land, rolling, mountainous and level.
 Soil, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood and sagebrush.

40.00 N. 89° 51' W., on a random line, bet. sec. 7 and fracl. sec. 6.
 Set temp. ¼ sec. cor.
 78.28 Intersect W. bdy. of T., 26 lks. N. of the cor. of secs. 7 and 12 and fracl. secs. 1 and 6, which is an iron post, "described in Book "A".
 Thence
 N. 89° 58' E., on a true line, bet. sec 7 and fracl. secs. 6.
 Over rolling land, through scattering undergrowth.
 6.78 Center of wash, 1 ch. wide, 2 ft. deep, course SW.
 13.18 Enter wash, 5 ft. bank, course SW.
 19.18 Leave wash, 5 ft. bank, course SW.
 38.28 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

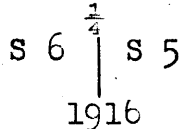
Subdivision of Fractional T. 12 N., R. 18 W.

Chains.

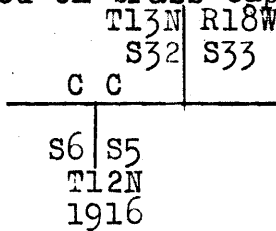


78.28 and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Thence over level land.
The cor. of secs. 7 and 8 and fracl. secs. 5 and 6.
Land, level and rolling.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, palo verde, greasewood, sagebrush and cactus.

20.50 N.0° 3' W., on a true line, bet. fracl. secs. 5 and 6.
Over gently rolling land, through scattering undergrowth.
Center of wash, 1 ch. wide, 2 ft. deep, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



50.00 and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
Asc. 35 ft. to
54.97 Spur, extends 5 chs. W. Desc. 30 ft. to
60.05 Intersect Third Standard Parallel North, 4.11 chs. E. of the standard $\frac{1}{4}$ sec. cor. of sec. 32, T. 13 N., R. 18 W., which is an iron post, properly set, marked and witnessed as described by the Surveyor-General. (Established under current Group No. 42). Iron post, 3 ft. long.
At point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fracl. secs. 5 and 6, marked on brass cap.



and raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor.
Land, rolling and gently rolling.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, greasewood, palo verde, sagebrush and cactus.

Meanders of Left Bank of the Colorado River
within Fractional T. 12 N., R. 18 W.

I commence at the meander cor. of fracl. secs. 5 and 32, on the S. bdy. of The Tp., which is an iron post, described in Book "A".

Thence with meanders in fracl. sec. 32.

Over level bottom land, through dense undergrowth.

N. 25° W. 22.60 chs. At beginning of course, along cut bank, 12 ft. high. At 8.00 chs., mouth of wash, from E. Leave bottom land.

N. 17° W. 10.70 "

N. 20 $\frac{1}{4}$ ° W. 5.00 "

N. 25° W. 5.08 " To the meander cor. of fracl. secs. 31 and 32.

Land, level bottom and broken.

Soil, 1st and 2nd rate on bottom land; 4th rate on slopes.

Timber, cottonwood and willow.

Undergrowth, arrow-weed, mesquite and greasewood.

Thence in fracl. sec. 31.

Over level land, through scattering timber and dense undergrowth.

N. 41° W. 7.20 chs.

N. 40 $\frac{1}{2}$ ° W. 5.00 "

N. 40 $\frac{3}{4}$ ° W. 21.80 "

N. 41° W. 4.60 "

N. 39 $\frac{1}{2}$ ° W. 10.30 "

N. 33° 05' W. 3.29 " To the meander cor. of fracl. secs. 30 and 31.

Land, level.

Soil, sandy; 1st rate.

Timber, cottonwood.

Undergrowth, arrow-weed, mesquite and greasewood.

Thence in fracl. sec. 30.

Over level land, through scattering timber and dense undergrowth.

N. 35 $\frac{1}{2}$ ° W. 2.90 chs.

N. 43° W. 4.10 "

N. 34 $\frac{3}{4}$ ° W. 9.80 "

N. 45° W. 8.00 "

N. 46 $\frac{1}{2}$ ° W. 3.90 "

N. 50 $\frac{3}{4}$ ° W. 3.30 "

N. 47 $\frac{1}{2}$ ° W. 10.00 "

N. 56 $\frac{1}{2}$ ° W. 7.00 "

N. 61 $\frac{1}{4}$ ° W. 2.40 "

N. 44 $\frac{1}{2}$ ° W. 1.80 "

N. 49 $\frac{1}{2}$ ° W. 1.30 chs.

N. 55° 35' W. 7.80 " To the meander cor. of fracl. secs. 25 and 30.

Land, level.

Soil, sandy; 1st rate.

Timber, cottonwood.

Undergrowth, arrow-weed, mesquite and cat claw.

GENERAL DESCRIPTION.

This township consists of mountainous land, of volcanic origin, in the north east corner, sloping to the Colorado River, which flows south easterly through secs. 30, 31 and 32. The western part of the township is largely rolling, gravelly hills, of granite formation, with well-defined washes.

The soil is a light, sandy, rocky clay loam; 4th rate, except along the Colorado River, where there are narrow areas of 1st rate, sandy soil.

On the mountainous and rolling land, greasewood, palo verde, ironwood, ocotillo and cactus are abundant; the bottom land is covered with a dense growth of arrow-weed, mesquite and cat claw, with scattering willow and cottonwood timber.

There are no mining prospects in this township. There are no settlers.

40 FOR CERTIFICATE OF UNITED STATES TRANSITMEN,
See Book "B."

U.S. Transitmen,

~~We, Alexander T. Harris & John Gonin, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 48, Arizona, bearing date of the 13th day of February, 191 5, 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 Fracl. Township 12 North, Range 18 West, and Meanders of the Left Bank of the Colorado River, within Fracl. Township 12 North, Range 18 West, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that 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 48, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.~~

~~U.S. Transitmen.~~

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, MAY 17 1918, 1918.

The foregoing field notes of the survey of the Subdivision Lines of Fracl. Township 12 North, Range 18 West, and Meanders of the Left Bank of the Colorado River, within Fracl. Township 12 North, Range 18 West, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Alexander T. Harris and John Gonin, U.S. Transitmen, under his special instructions dated February 13, 1915, for Group 48, Ariz., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank P. Smith
U. S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in Book "B," of Group 48, has been correctly copied from the original notes on file in this office.~~