

2881

BOOK 2881

4-679

JAN 12 1917

243

Book "F."
(Subdivisions)

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

TOWNSHIP 18 NORTH, RANGE 20 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Guy E. Richardson

and

Otis Ross,

In the capacity of U. S. Surveyors, under instructions dated January 4, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 43, which were approved by the Commissioner of the General Land
Office, January 22, 1915.

Survey commenced March 12, 1915.

Survey completed March 25, 1915.

Executed under assignment
Instructions dated Jan. 31, 1915.

2881

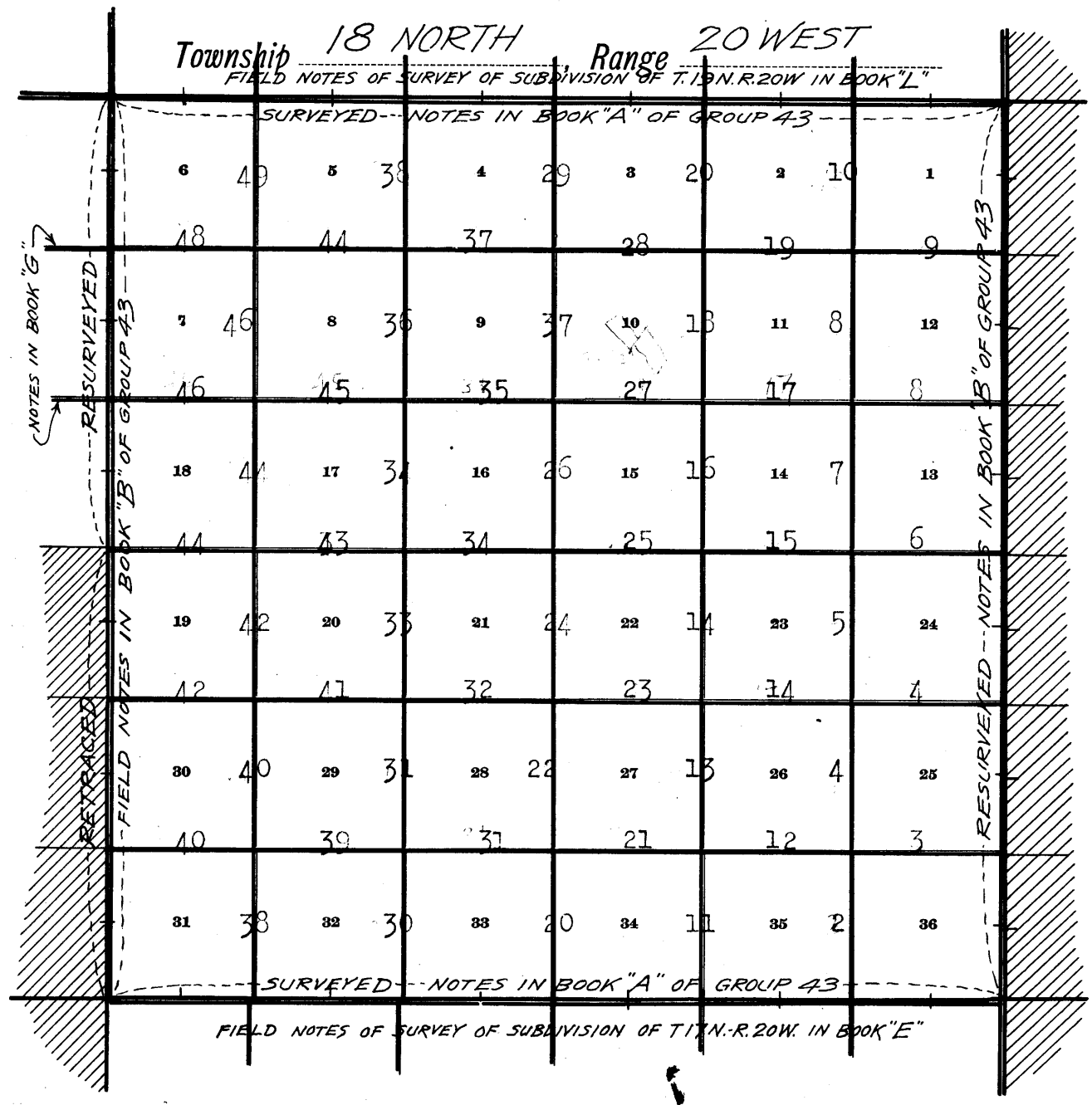
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1A

BOOK 2881

Book "F" Group 43

INDEX DIAGRAM.



- Surveys described in field notes of Group 43
- Accepted surveyed lines
- ////// Shaded area surveyed as per accepted plats on file.

Chains

Survey commenced March 12, 1915, and executed jointly by Guy H. Richardson and Otis Ross, U. S. Surveyors, with Young and Sons light mountain transits, Nos. 8484 and 8477 respectively. The instruments are provided with Smith solar attachments.

Feb. 23, 1915. I examine the adjustments of the instruments, and correct the level and collimation errors; then to test the solar apparatus, by comparing its indications, resulting from observations made during a. m., and p. m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

At a point near my camp, which is located about 20 chs. east of the 1/4 cor. bet. secs. 7 and 8, T. 17 N., R. 20 W. of the Gila and Salt River base and meridian, at 3h. 0m., p. m., l. m. t., I set off $9^{\circ} 56'$ S. on the decl. arc, and $34^{\circ} 52\frac{1}{2}'$ on the lat. arc, and determine a meridian with the solar, and mark the meridian thus obtained with a tack point on a hub about 5 chs. N. of my station. At 9h., 14m. p. m., l. m. t., I observe Polaris at western elongation, and mark the line obtained with a tack on a hub, about 5 chs. northerly from my station.

Feb. 24, 1915. At 7h., 0m., a. m., l. m. t., I lay off the azimuth of Polaris $1^{\circ} 23\frac{1}{2}'$ to the east and note that the Polaris meridian is identical with the solar meridian established yesterday afternoon. At 8h. 0m., a. m., l. m. t., I set off $9^{\circ} 40'$ S. on the decl. arc, and observe the meridian with the solar, and note that it checks with the meridian established by Polaris observation. Having tested both instruments for a. m. and p. m. solar observations and found them to check with the meridian established by Polaris observation, I conclude that they are in good adjustment.

The instruments were approved by the Assistant Supervisor of Surveys for Arizona and California on Jan. 31, 1915.

Feb. 24, 1915.

Chains March 12, 1915. Lines run by Guy H. Richardson, U.S.S., as follows: At the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the township, described in book "A," at 9h., 0m., a. m., l.m.t., set off 3° 32' S. on the decl. arc, and 34° 54' on the lat. arc, and determine a meridian with the solar.

The mean bearing of the east bdy. of the township is N. 0° 5' E.

Thence I run

N. 0° 4' E. bet. secs. 35 and 36.

Desc. over rolling mountainous land.

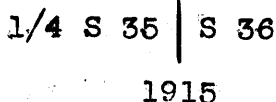
9.77 Draw, bears W., 110 ft. below sec. cor., asc.

25.08 Top of spur, slopes NW., 380 ft. above draw, desc.

32.70 Foot of 218 ft. descent, asc. slightly.

33.80 Desc.

40.00 Foot of 94 ft. descent. Set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked



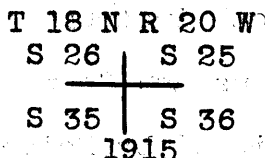
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

44.96 Draw, course SW., asc.

46.10 Ledge rock, bears E. and W., 150 ft. above draw, desc.

58.35 165 ft. below ledge rock, asc. slightly over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground to bedrock, in a mound of stone for cor. of secs. 25, 26, 35 and 36, with a brass cap, marked



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

Land rolling mountainous.

Soil, stony, 4th. rate.

Chains. No timber.

Undergrowth, cactus, greasewood and sagebrush.

At apparent noon I set off 3° 30' S. on the decl. arc, and 34° 55' on the lat. arc and observe the sun on the meridian for lat. The resulting lat. is 34° 55' N.

N. 89° 44' E. on a random line bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect the E. bdy. of the township 14 lks. N. of the cor. of secs. 25, 26, 35 and 36, described in Book "B". Thence I run

S. 89° 50' W. on a true line bet. secs. 25 and 36.

Desc. over rolling mountainous land.

20.00 Wash, course NW., 450 ft. below sec. cor., thence over rolling land.

40.02 Set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked

1/4 S 25

S 36
1915

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

49.30 Top of low spur, slopes N., desc.

60.05 Wash, course SW., 150 ft. below top of spur, thence over rolling land.

70.00 Wash, course SW.

76.60 Wash, course SE.

80.04 Cor. of secs. 25, 26, 35 and 36.
Land, rolling ^{and} mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

March 12, 1915.

Subdivision of T. 18 N., R. 20 W.

Chains March 13, 1915. I commenced At the cor. of secs. 25, 26, 35 and 36, and at 8h., 30m., a. m., l.m.t. set off 3° 9' S. on the decl. arc, and 34° 55' on the lat. arc, and determine a meridian with the solar.

Thence I run

N. 0° 4' E. bet. secs. 25 and 26.

Asc. over rough mountainous land.

40.00 450 ft. above sec. cor. Top of spur, slopes NW.

Set an iron post, 3 ft. long, 1 in. in dia., 11 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap marked

1/4 S 26 | S 25

1915

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

Desc. NE. slope from 1/4 sec. cor.

49.36 Wash, course SE., 228 ft. below top of spur, thence over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, in a mound of stone for cor. of secs. 23, 24, 25 and 26, with a brass cap, marked

T. 18 N. R. 20 W.

S 23 | S 24

S 26 | S 25

1915

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

Land rough^{and} mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 50' E. on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect the E. bdy. of the township 9. lksch N. of the cor. of secs. 24, and 25, described in book "B." 10, 00 ab. S. 0° 10' W. of the true point.

Chains Thence I run
 S. 89° 54' W. on a true line bet. secs. 24 and 25.
 Over rolling land.
 40.05 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked
 1/4 S 24

S 25
 1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.
 42.65 Wash, course NE.
 62.10 Top of low spur, slopes NW., desc.
 80.10 Cor. of secs. 23, 24, 25 and 26, 156 ft. below top of
 spur.
 Land, rolling mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.

N. 0° 4' E. bet. secs. 23 and 24.
 Over level and rolling land.

20.00 Begin to asc.
 40.00 Set an iron post, 3 ft. long, 1 in. in dia., on surface
 rock, in a mound of stone, for 1/4 sec. cor., with a
 brass cap, marked
 1/4 S 23 | S 24
 1915
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.

49.60 Top of 580 ft. ascent, thence over rolling land.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., on surface
 rock, in a mound of stone for cor. of secs. 13, 14, 23
 and 24, with a brass cap marked

T 18 N R. 20 W

S 14 | S 13
 S 23 | S 24
 1915

Chains

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

Land rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 54' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the E. bdy. of the township 2 lks. N. of the
cor. of secs 13, and 24, described in Book "B."

Thence I run

S. 89° 55' W. on a true line bet. secs. 13 and 24.

Over level mesa land.

20.00 Leave mesa, bears N. and S., desc.

40.00 400 ft. below mesa, set an iron post, 3 ft. long, 1 in.
in dia., 6 ins. in the ground to bedrock, in a mound
of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 13

S 24
1915

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

Continue to desc.

71.80 300 ft. below 1/4 sec. cor., asc.

80.00 220 ft. ascent, cor. of secs. 13, 14, 23 and 24.

Land, rolling mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

Guy H. Richardson, U.S.S.
March 13, 1915.

Lines run by Otis Ross, U.S.S. as follows:
March 15, 1915. At the cor. of secs. 13, 14, 23 and 24,

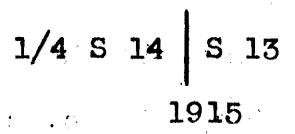
at 8h., 30m., a. m., 1.m.t., I set off 2° 22' S. on
on the decl. arc, and 34° 56½' on the lat. arc, and
determine a meridian with the solar.

Thence I run.

Subdivision of T. 18 N., R. 20 W.

Chains N. 0° 4' E. bet. secs. 13 and 14.
 Asc. over rolling mountainous land.

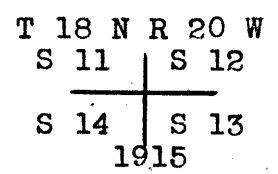
5.82 Top of spur, slopes W., 200 ft. above sec. cor., desc.
 19.07 Gulch, course SW., 165 ft. below top of spur, asc.
 33.15 Top of spur, slopes W., 230 ft. above gulch, desc.
 40.00 80 ft. below top of spur. Set an iron post, 3 ft. long,
 1 in. in dia. on surface rock, in a mound of stone,
 for 1/4 sec. cor., with a brass cap, marked



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

Asc. from 1/4 sec. cor.

47.75 Top of spur, slopes W., 130 ft. above 1/4 sec. cor., desc.
 54.72 Gulch, course SW., 35 ft. below top of spur, asc.
 59.10 Top of spur, slopes W., 50 ft. above gulch, desc.
 64.60 Enter bench, bears N. and S., 35 ft. below top of spur.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in
 the ground for cor. of secs. 11, 12, 13 and 14, with a
 brass cap, marked



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

Land rolling mountainous.

Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.

March 15, 1915.

March 18, 1915. At the cor. of secs. 11, 12, 13 and 14,
 at 9h., 0m. a. m., l.m.t., I set off. 1° 10 1/2' S. on the
 decl. arc, and 34° 57 1/2' on the lat. arc, and determine
 a meridian with the solar.

Thence I run

Chains N. 89° 55' E. on a random line bet. secs. 12 and 13.
 40.00 Set temp. 1/4 sec. cor.
 79.96 Intersect the cor. of secs. 12 and 13 on the E. bdy. of
 the township, described in Book "B."
 Thence I run
 S. 89° 55' W. on a true line bet. secs. 12 and 13.
 Asc. over rolling mountainous land.

39.98 513 ft. above sec. cor. Set an iron post, 3 ft. long, 1
 in. in dia., 12 ins. in the ground to bedrock, in a
 mound of stone for 1/4 sec. cor., with a brass cap,
 marked

1/4 S 12

S 13
 1915

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

Continue to asc. from 1/4 sec. cor.

62.75 Top of ridge, bears NW. and SE., 190 ft. above 1/4 sec.
 cor., desc.

79.96 Cor. of secs. 11, 12, 13 and 14, 515 ft. below top of
 ridge.

Land, rolling mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

March 18, 1915.

Geo. H. Richardson, E.C.S.

March 20, 1915, lines run by Otis Rice, U.S.S., as follows:

At the cor. of secs. 11, 12, 13 and 14, at
 at 9h., a. m., l.m.t., set off 0° 23' S. on the decl.
 arc, and 34° 57' on the lat. arc, and determine a
 meridian with the solar.

Thence I run

N. 0° 4' E. bet. secs. 11 and 12.

Over rolling land.

11.25 Top of spur, slopes W.

23.20 Gulch, course SW.

Chains

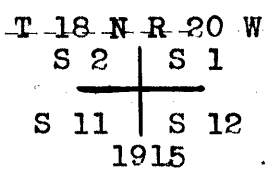
40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 11 | S 12
1915

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

41.57 Enter mesa, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with a brass cap, marked



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

Land, rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 55' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect E. bdy. of the township 12 lks. S. of the cor. of secs. 1 and 12, described in book "B."

Thence I run

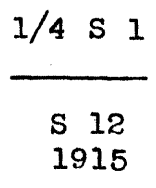
S. 89° 50' W. on a true line bet. secs. 1 and 12.

Over rolling land, desc.

28.35 Rock cliffs, bear NW. and SE.

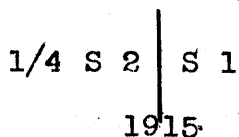
35.67 Canyon, course SE., 450 ft. below sec. cor., asc.

39.90 Set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked



Chains and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 51.70 Top of mesa, bears N. and S. 475 ft. above canyon.
 79.80 Cor. of secs. 1, 2, 11 and 12.
 Land rolling.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.
 At apparent noon at the cor. of secs. 1, 2, 11 and 12,
 I set off $0^{\circ} 20'$ S. on the decl. arc, and observe the
 sun on the meridian for lat. The resulting lat. is
 $34^{\circ} 58'$ N.

N. $0^{\circ} 4'$ E. on a random line bet. secs. 1 and 2.
 40.00 Set temp. $1/4$ sec. cor.
 78.00 Intersect the N. bdy. of the township, 5 lks. W. of the
 cor. of secs. 1, 2, 35 and 36, described in Book "A."
 Thence I run
 S. $0^{\circ} 6'$ W. on a true line bet. secs. 1 and 2.
 Asc. over rolling land.
 38.00 150 ft. above sec. cor. Set an iron post, 3 ft. long, 1
 in. in dia., 9 ins. in the ground to bedrock, in a
 mound of stone for $1/4$ sec. cor., with a brass cap,
 marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Desc. from $1/4$ sec. cor.
 58.00 Enter rolling land, 145 ft. below $1/4$ sec. cor.
 78.00 Cor. of secs. 1, 2, 11 and 12.
 Land rolling.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.

Subdivision of T. 18 N., R. 20 W.

Chains March 12, 1915; line run by Otis Ross, U.S.S., as follows:

At the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the township, described in Book "A.", at 9h. 0m., a. m., l.m.t. set off 3° 32' S. on the decl. arc, and 34° 54' on the lat. arc, and determine a meridian with the solar.

Thence I run
 N. 0° 4' E. bet. secs. 34 and 35.
 Over rolling mountainous land.

1.00 Enter wash, course W.

10.00 Leave wash, asc.

16.56 Top of spur, slopes W., 54 ft. above wash, desc.

19.90 Swale, course W., 37 ft. below top of spur, asc.

28.30 Top of spur, slopes W., 20 ft. above swale; desc.

33.70 Gulch, course W., 90 ft. below top of spur, asc. slightly.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground to bedrock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked

1/4 S 34	S 35
1915	

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

Desc. from 1/4 sec. cor.

44.10 Gulch, course SW., 48 ft. below 1/4 sec. cor., asc.

53.04 Top of spur, slopes W., 87 ft. above gulch, desc.

59.78 Gulch, course SW., 53 ft. below top of spur, asc.

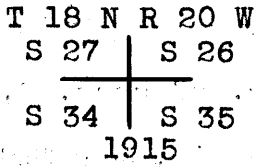
68.00 Top of spur, slopes W., 47 ft. above gulch, desc.

69.70 Gulch, course W., 21 ft. below top of spur, asc.

77.65 Top of saddle on ridge, bears E. and W., 146 ft. above gulch, desc.

80.00 60 ft. below top of ridge. Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone for cor. of secs. 26, 27, 34 and 35, with a brass cap, marked

Chains



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

Land rolling mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 44' E. on a random line bet. secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line 5 lks. S. of the cor. of secs.
25, 26, 35 and 36.

Thence I run

S 89° 42' W. on a true line bet. secs. 26 and 35.

Asc. over rough mountainous land.

9.10 Top of spur, slopes S., 100 ft. above sec. cor., desc.

30.00 Gulch, course S., 310 ft. below top of spur, asc.

39.98 42 ft. above gulch, set an iron post, 3 ft. long, 1 in.
in dia., on surface rock, in a mound of stone, for
1/4 sec. cor., with a brass cap, marked

1/4 S 26

S 35
1915

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

Continue to asc.

43.40 Top of spur, slopes S., 56 ft. above 1/4 sec. cor., desc.

49.50 Gulch, course SW., 42 ft. below top of spur, asc.

53.75 Top of spur, slopes S., 110 ft. above gulch, desc.

74.56 Cliffs, bear NE. and SW.

75.00 Foot of cliffs, 250 ft. below top of spur. asc.

79.96 Cor. of secs. 26, 27, 34 and 35, 96 ft. above foot of
cliffs.

Land rough mountainous.

Soil, stony, 4th. rate.

Chains No timber.
 Undergrowth, cactus and greasewood.
 March 12, 1915.

March 13, 1915. I commence At the cor. of secs. 26, 27, 34 and 35, at 9h. 0m., a. m., l.m.t., set off 3° 9' S. on the decl. arc, and 34° 54 $\frac{1}{2}$ ' on the lat. arc, and determine a meridian with the solar,
 Thence I run
 N. 0° 4' E. bet. secs. 26 and 27.
 Over rolling mountainous land, desc.
 9.80 Wash, course SW., 118 ft. below sec. cor., asc.
 12.57 Top of spur, slopes W., 22 ft. above wash, desc.
 19.70 Wash, course SW., 44 ft. below top of spur, asc.
 26.25 Top of spur, slopes E., 57 ft. above wash, continue to asc.
 40.00 127 ft. above spur. Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in the ground, to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\begin{array}{c} 1/4 \text{ S } 27 \quad | \quad \text{S } 26 \\ \hline 1915 \end{array}$$
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., asc.
 45.25 Top of spur, slopes W., 175 ft. above 1/4 sec. cor., desc.
 68.40 Wash, course W., 375 ft. below top of spur.
 80.00 Set an ironpost, 3 ft. long, 2 ins. in dia., 12 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 22, 23, 26 and 27, with a brass cap, marked

$$\begin{array}{c} \text{T. 18 N R 20 W} \\ \text{S 22} \quad | \quad \text{S 23} \\ \hline \text{S 27} \quad | \quad \text{S 26} \\ \hline 1915 \end{array}$$
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land rough mountainous.
 Soil, stony, 4th. rate.
 No timber.

Chains	Undergrowth, cactus and greasewood.
	N. 89° 42' E. on a random line bet. secs. 23 and 26.
40.00	Set temp. 1/4 sec. cor.
79.96	Intersect N. and S. line, 23 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence I run
	S. 89° 52' W. on a true line bet. secs. 23 and 26.
	Over rolling land.
10.00	Enter dry shallow wash, course NW.
20.00	Leave wash, asc. slightly.
31.60	Top of low spur, slopes N., 28 ft. above wash, desc.
39.98	Set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked
	1/4 S 23
	S 26 1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
50.00	Enter level wash land, 150 ft. below top of spur.
79.96	Cor. of secs. 22, 23, 26 and 27.
	Land rolling.
	Soil, stony, 4th. rate.
	No timber.
	Undergrowth, cactus and greasewood.
	N. 0° 4' E. bet. secs. 22 and 23.
	Over rolling mountainous land, asc.
4.90	Top of spur, bears W., 58 ft. above sec. cor., desc.
9.85	Gulch, course SW., 52 ft. below top of spur, asc.
18.45	Top of spur, slopes W., 157 ft. above gulch, desc.
22.75	Gulch, course SW., 92 ft. below top of spur, asc.
27.45	Top of spur, slopes W., 100 ft. above gulch, desc.
30.58	Gulch, course SW., 14 ft. below top of spur, asc.
36.15	Top of spur, slopes W., 125 ft. above gulch, desc.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 22	S 23
1915	

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

Continue to desc.

45.85 Wash, course NW., 325 ft. below top of spur

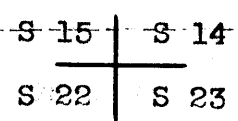
59.17 Leave wash, asc.

63.00 Top of spur, 82 ft. above wash, desc.

71.77 Gulch, course SW., 88 ft. below top of spur, asc.

80.00 58 ft. above gulch, set an iron post, 3 ft. long, 2 ins. in dia., on surface rock, in a mound of stone for cor. of secs. 14, 15, 22 and 23, with a brass cap, marked

T 18 N R 20 W



1915

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

Land, rolling mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 52' E. on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect N. and S. line 12 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence I run

S. 89° 47' W. on a true line bet. secs. 14 and 23.

Over rolling mountainous land, desc.

19.85 Gulch, course SW., 530 ft. below sec. cor., asc.

24.75 Top of spur, slopes S., 68 ft. above gulch, desc.

Chains

40.10 215 ft. below top of spur, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked

1/4 S 14

S 23
1915

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

Thence over rolling land.

80.20 Cor. of secs. 14, 15, 22 and 23.

Land rolling mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

March 13, 1915.

March 16, 1915; At the cor. of secs. 14, 15, 22 and 23, at 2h., 30m., p. m., l.m.t. set off 1° 52' S. on the decl. arc, and 34° 56 1/2' on the lat. arc, and determine a meridian with the solar,

Thence I run

N. 0° 4' E. bet. secs. 14 and 15.

Asc. over rolling mountainous land.

4.25 Top of spur, slopes W., 100 ft. above sec. cor., desc.

19.67 Gulch, course SW., 85 ft. below top of spur, asc.

26.96 Top of spur, slopes W., 40 ft. above gulch, desc.

37.00 Gulch, course SW., 54 ft. below top of spur, asc.

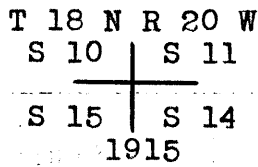
40.00 14 ft. above gulch, set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked

1/4 S 15 | S 14

1915

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

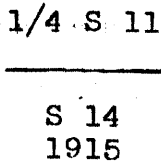
Chains Continue to asc.
 50.00 Top of spur, 182 ft. above 1/4 sec. cor., desc.
 54.29 Gulch, course W., 97 ft. below top of spur, asc.
 56.00 Top of spur, slopes W., 20 ft. above gulch, desc.
 60.25 Gulch, course SW., 65 ft. below top of spur, asc.
 80.00 154 ft. above gulch, set an iron post, 3 ft. long, 2 ins. in dia., 10 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 10, 11, 14 and 15, with a brass cap, marked



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

Land rolling mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.

N. 89° 47' E. on a random line bet. secs. 11 and 14.
 40.00 Set temp. 1/4 sec. cor.
 79.82 Intersect N. and S. line 30 lks. N. of the cor. of secs. 11, 12, 13 and 14.
 Thence I run
 West on a true line bet. secs. 11 and 14.
 Over rolling mountainous land.
 0.65 Begin to asc.
 11.70 Top of spur, slopes S., 25 ft. above sec. cor., desc.
 39.91 380 ft. below top of spur, set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



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

Chains

- 45.90 Gulch, course SW., 65 ft. below 1/4 sec. cor., asc.
- 48.60 Top of spur, slopes S., 45 ft. above gulch, desc.
- 74.87 Gulch, ^{course} 420 ft. below top of spur, asc.
- 78.82 Cor. of secs. 10, 11, 14 and 15, 36 ft. above gulch.

Land rolling mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.

March 16, 1915.

March 22, 1915; From the cor. of secs. 10, 11,
 14 and 15, run

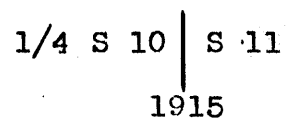
N. 0° 4' E. bet. secs. 10 and 11.

Over broken mountainous land, desc.

- 12.04 Gulch, course W., 108 ft. below sec. cor., asc.
- 18.23 Top of spur, slopes W., 120 ft. above gulch, desc.
- 22.70 Foot of 30 ft. descent, asc.

28.60 Top of spur, slopes W., 40 ft. ascent, desc.

40.00 21 ft. below top of spur, set an iron post, 3 ft. long,
 1 in. in dia., on surface rock, in a mound of stone,
 for 1/4 sec. cor., with a brass cap, marked

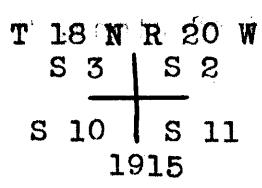


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.

Continue to desc.

- 44.78 Gulch, course W., 96 ft. below 1/4 sec. cor., asc.
- 53.50 Cliff rock, bear E. and W., asc.
- 62.00 Top of spur, slopes W. 400 ft. above gulch, desc.

80.00 267 ft. below top of spur. Set an iron post, 3 ft. long,
 2 ins. in diam., on surface rock, in a mound of stone,
 for cor. of secs. 2, 3, 10 and 11, with a brass cap,
 marked



Chains and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land rolling mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.
 March 22, 1915.

East on a random line bet. secs. 2 and 11.
 40.00 Set temp. 1/4 sec. cor.
 79.90 Intersect the cor. of secs. 1, 2, 11 and 12.
 Thence I run
 West on a true line bet. secs. 2 and 11.
 Asc. over rolling mountainous land.
 13.62 Top of ridge, bears N. and S., 80 ft. above sec. cor., desc.
 24.40 Gulch, course SW, 200 ft. below top of ridge, asc.
 29.36 Top of spur, slopes S., 34 ft. above gulch, desc.
 39.95 215 ft. below top of spur, set an iron post, 3 ft. long,
 1 in. in dia., 10 ins. in the ground, to bedrock, in a
 mound of stone, with a brass cap, marked
 1/4 E 2
 S 11
 1915

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

Continue to desc.

62.15 Gulch, course SW., 640 ft. below 1/4 sec. cor., asc.
 65.00 Top of spur, slopes SW., 34 ft. above gulch, desc.
 79.90 Cor. of secs. 2, 3, 10 and 11, 200 ft. below top of spur.
 Land rolling mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.
 March 22, 1915.

March 23, 1915; From the cor. of secs. 2, 3, 10

Chains

and 11, I run
N. 0° 4' E. on a random line bet. secs. 2 and 3.

40.00 Set temp. 1/4 sec. cor.

78.52 Intersect N. bdy. of the township 9 lks. E. of the cor.
of secs. 2, 3, 34 and 35, described in book "A,"

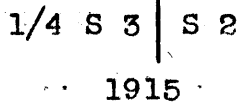
Thence I run
South bet. secs. 2 and 3.

Asc. over rough mountainous land.

9.45 Top of spur, slopes W., 290 ft. above sec. cor., desc.

22.85 Gulch, course NW., 190 ft. below top of spur, asc.

38.52 Set an iron post, 3 ft. long, 1 in. in dia., on surface
rock, in a mound of stone, for 1/4 sec. cor., with a
brass cap, marked



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

40.55 Top of spur, 450 ft. above gulch, slopes E., desc.

65.20 Top of bench, bears E. and W., desc.

78.52 Cor. of secs. 2, 3, 10 and 11, 875 ft. below top of spur.
Land rough mountainous.
Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

March 23, 1915.

March 15, 1915; At the cor. of secs. 3, 4,
33 and 34, on the S. bdy. of the township, described
in Book "A." At 8h., 30m., a. m., l.m.t., I set off
2° 22' S. on the decl. arc, and 34° 54' on the lat.
arc, and determine a meridian with the solar.

Thence I run

N. 0° 3' E. bet. secs. 33 and 34.

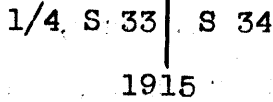
Desc. over rolling mountainous land.

5.55 Gulch, course SW., 30 ft. below sec. cor., asc.

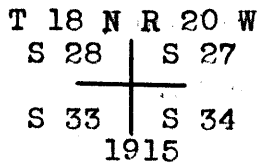
9.95 Top of spur, slopes W., 50 ft. above gulch, desc.

Chains

27.97 Gulch, course W., 145 ft. below top of spur, asc.
 40.00 52 ft. above gulch, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., continue to asc.
 42.30 Top of spur, 10 ft. above 1/4 sec. cor., desc.
 47.25 Wash, course W., 40 ft. below top of spur, asc.
 52.75 Top of spur, slopes W., 82 ft. above wash, desc.
 54.60 Gulch, course W., 43 ft. below top of spur, asc.
 59.00 Top of spur, slopes E., 23 ft. above gulch, desc.
 64.55 Gulch, course NW., 40 ft. below top of spur.
 80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, with a brass cap, marked



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

Land rolling and mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 44' E. on a random line bet. secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.
 79.80 Intersect N. and E. line 5 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence I run

S. 89° 46' W. on a true line bet. secs. 27 and 34.

Asc. over rolling mountainous land.

13.25 Top of spur, slopes NW., 20 ft. above sec. cor., desc.

Chains

20.55 Gulch, course S., 190 ft. below top of spur, asc.
 25.30 Top of spur, slopes N., 75 ft. above gulch, desc.
 34.85 Swale, bears N. and S., 185 ft. below top of spur, asc.
 36.45 Top of spur, slopes S., 15 ft. above swale, desc.
 39.90 Set an iron post, 3 ft. long, 1 in. in dia., on surface
 rock, in a mound of stone, for 1/4 sec. cor., with a
 brass cap, marked

1/4 S 27

S 34
1915

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

45.70 Wash, course SW., 70 ft. below top of spur, asc.
 55.53 Top of spur, slopes S., 117 ft. above wash, desc.
 66.37 Gulch, course SE., 160 ft. below top of spur, asc.
 71.76 Top of spur, slopes S., 125 ft. above gulch, desc.
 79.80 Cor. of secs. 27, 28, 33 and 34, 133 ft. below top of spur.
 Land, rolling mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and greasewood.

N. 0° 3' E. bet. secs. 27 and 28.

Asc. over rolling mountainous land.

3.27 Top of spur, slopes W., 85 ft. above sec. cor., desc.
 5.88 Gulch, course SW., 55 ft. below top of spur, asc.
~~9.08 Top of spur, slopes W., 43 ft. above gulch, desc.~~
 12.83 Gulch, course SW., 80 ft. below top of spur, asc.
 40.00 500 ft. above gulch, set an iron post, 3 ft. long, 1 in.
 in dia., on surface rock, in a mound of stone for 1/4
 sec. cor., with a brass cap, marked

1/4 S 28 | S 27
1915

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

Chains At apparent noon, at $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28,
 I set off $2^{\circ} 19'$ S. on the decl. arc, and observe the
 sun on the meridian for lat. The resulting lat. is
 $34^{\circ} 55'$ N.

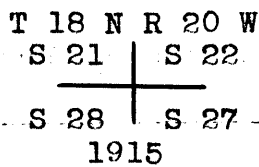
Continue to asc.

56.15 Top of ridge, bears E. and W., 162 ft. above $\frac{1}{4}$ sec. cor.,
 desc.

64.50 Saddle, bears N. and S., 132 ft. below top of ridge, asc.

70.77 Top of spur, slopes W., 53 ft. above saddle, desc.

80.00 168 ft. below top of spur, set an iron post, 3 ft. long,
 2 ins. in dia., on surface rock, in a mound of stone,
 for cor. of secs. 21, 22, 27 and 28, with a brass cap,
 marked



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

Land rolling mountainous.

Soil, stony, 4th. rate.

No timber or grass.

Undergrowth, cactus, sagebrush and greasewood.

N. $89^{\circ} 46'$ E. on a random line bet. secs. 22 and 27.

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

79.84 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence I run

S. $89^{\circ} 46'$ W. on a true line bet. secs. 22 and 27.

Desc. over rolling mountainous land.

9.65 Wash, course NW., 140 ft. below sec. cor., asc.

22.50 Top of spur, slopes N., 170 ft. above wash, desc.

25.85 Gulch, course N., 50 ft. below top of spur, asc.

33.00 Top of spur, slopes NW., 170 ft. above gulch, desc.

39.92 175 ft. below top of spur, set an iron post, 3 ft. long,
 1 in. in dia., on surface rock, in a mound of stone for
 $\frac{1}{4}$ sec. cor., with a brass cap, marked

Chains

1/4 S 22

S 27

1915

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

Continue to desc.

45.37 Gulch, course NW., 64 ft. below 1/4 sec. cor., asc.

48.25 Top of spur, slopes NW., 38 ft. above gulch, desc.

53.27 Gulch, course NW., 53 ft. below top of spur, asc.

79.84 Cor. of secs. 21, 22, 27 and 28, 280 ft. above gulch.

Land, rolling mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and sagebrush.

N. 0° 3' E. bet. secs. 21 and 22.

Desc. over rolling land.

40.00 365 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 21 | S 22
1916

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

42.59 Wash, course NW., 15 ft. below 1/4 sec. cor., asc.

48.77 Top of spur, slopes W., 35 ft. above wash, desc.
Enter

59.92 "Wash, course W., 45 ft. below top of spur,

74.92 Leave wash, asc.

80.00 75 ft. above wash, set an iron post, 3 ft. long, 2 ins. in dia., 8 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 15, 16, 21 and 22, with a brass cap, marked

T 18 N R 20 W
S 16 | S 15
S 21 | S 22
1915

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

Chains Land, rolling and mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus, sagebrush and greasewood.

N. 89° 46' E. on a random line bet. secs. 15 and 22.
 40.00 Set temp. 1/4 sec. cor.
 79.88 Intersect the cor. of secs. 14, 15, 22 and 23.
 Thence I run
 S. 89° 46' W. on a true line bet. secs. 15 and 22.
 Desc. over rolling land.
 15.25 Gulch, course SW., 60 ft. below sec. cor., asc.
 22.40 Top of spur, slopes S., 77 ft. above gulch, desc.
 39.94 100 ft. below top of spur, set an iron post, 3 ft. long,
 1 in. in dia., 8 ins. in the ground to bedrock, in a
 mound of stone, for 1/4 sec. cor., with a brass cap,
 marked
 1/4 S 15
 S 22
 1915
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor. Continue to desc.
 45.00 Gulch, course SW., 28 ft. below 1/4 sec. cor., asc.
 55.00 Same gulch, course NW., 50 ft. above first crossing, asc.
 63.35 Gulch, course SW., 23 ft. ascent., asc.
 67.70 Top of spur, slopes S., 64 ft. above gulch, desc.
 79.88 13 ft. below top of spur, cor. of secs. 15, 16, 21 and 22.
 Land rolling mountainous.
 Soil, stony, 4th. rate.
 No timber or grass.
 Undergrowth, cactus, sagebrush and greasewood.

March 15, 1915.

March 22, 1915; At the cor. of secs. 15, 16,
 21 and 22, at 9h. 0m., a.m., l.m.t., set off 0° 24'
 N. on the decl. arc, 34° 56 1/2' N. on the lat. arc,

Chains

and determine a meridian with the solar.

Thence I run

N. 0° 3' E. bet. secs. 15 and 16.

Over rolling land, desc.

Enter

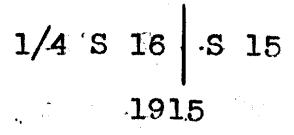
24.90 Wash, course W., 73 ft. below sec. cor. -----

29.90 Leave wash, asc.

34.88 Top of spur, slopes W., 50 ft. above wash, desc.

36.23 Gulch, course W., 32 ft. below top of spur, asc.

40.00 28 ft. above gulch, set an iron post, 3 ft. long, 1 in. in dia., 10 inches in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



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

44.92 Top of spur, slopes W., 60 ft. above 1/4 sec. cor., desc.

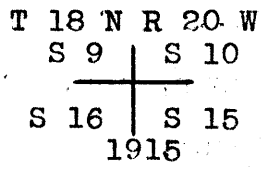
51.30 Gulch, course NW, 95 ft. below top of spur, asc.

58.92 Top of spur, slopes W., 83 ft. above gulch, desc.

61.90 Gulch, course W., 24 ft. below top of spur, asc.

64.52 Top of spur, slopes W., 47 ft. above gulch, thence over rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 16 ins. in the ground to bedrock, in a mound of stone for cor. of secs. 9, 10, 15 and 16, with a brass cap, marked



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

Land rolling mountainous.

Soil, stony, 4th. rate.

No timber or grass.

Undergrowth cactus, sagebrush and greasewood.

Chains	N. 89° 46' E. on a random line bet. secs. 10 and 15.
40.00	Set temp. 1/4 sec. cor.
79.84	Intersect N. and S. line 4 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence I run
	S. 89° 44' W. on a true line bet. secs. 10 and 15.
	Asc. over rolling mountainous land.
8.35	Top of spur, slopes NW., 190 ft. above sec. cor., desc.
25.37	Gulch, course NW., 240 ft. below top of spur, asc.
31.30	Top of ridge, bears N. and S., 63 ft. above gulch, desc.
39.92	300 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. in dia., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
	1/4 S 10
	S 15 1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Continue to desc.
79.84	Cor. of secs. 9, 10, 15 and 16, 350 ft. below 1/4 sec. cor.
	Land rolling mountainous.
	Soil, stony, 4th. rate.
	No timber or grass.
	Undergrowth, cactus, sagebrush and greasewood.
	March 22, 1915.
<hr/> <p>March 23, 1915; At the cor. of secs. 9, 10, 15 and 16, at 9h. 0m., a. m., l.m.t., set off 0° 48' N. on the decl. arc, 34° 57 1/2' on the lat. arc, and determine a meridian with the solar.</p>	
	Thence I run
	N. 0° 3' E. bet. secs. 9 and 10.
	Over rolling mountainous land.
10.00	Leave wash, course SW., asc.
30.90	Oatman and Prospect road, bears NE. and SW.

Chains

40.00 145 ft. above wash, set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in the ground, to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\begin{array}{c} 1/4 \text{ S } 9 \quad | \quad \text{S } 10 \\ \hline 1915 \end{array}$$

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

At the 1/4 sec. cor. bet. secs. 9 and 10, at apparent noon, I set off $0^{\circ} 51'$ N. on the decl. arc, and observe the sun on the meridian for lat. The resulting lat. is $34^{\circ} 58'$ N.

Desc. from 1/4 sec. cor.

52.26 Gulch, 47 ft. below 1/4 sec. cor., course SW., asc.

60.80 Top of spur, slopes W., 85 ft. above gulch, desc.

64.75 Gulch, course SW., 32 ft. below top of spur, asc.

80.00 188 ft. above gulch, set an iron post, 3 ft. long, 2 ins. in dia., 14 ins. in the ground to bedrock, in a mound of stone, for cor. of secs. 3, 4, 9 and 10, with a brass cap, marked

T 18 N R 20 W

$$\begin{array}{c} \text{S } 4 \quad | \quad \text{S } 3 \\ \hline \text{S } 9 \quad | \quad \text{S } 10 \\ 1915 \end{array}$$

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

Land rolling mountainous.

Soil, stony, 4th. rate.

No timber or grass.

Undergrowth, cactus, sagebrush and greasewood.

N. $89^{\circ} 44'$ E. on a random line bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

79.88 Intersect N. and S. line 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence I run

Chains S. 89° 46' W. on a true line bet. secs. 3 and 10.
Desc. over rolling land.

39.94 192 ft. below sec. cor., set an iron post, 3 ft. long,
1 in. in dia., on surface rock, in a mound of stone,
for 1/4 sec. cor., with a brass cap, marked

1/4 S 3

S 10
1915

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

40.20 Gulch, course SW., asc.

53.45 Top of spur, slopes SW., 45 ft. above gulch, desc.

60.35 Gulch, course SW., 80 ft. below top of spur, asc.

79.88 Cor. of secs. 3, 4, 9 and 10, 125 ft. above gulch.

Land rolling mountainous.

Soil, stony, 4th. rate.

No timber or grass.

Undergrowth, cactus, sagebrush and greasewood.

March 24, 1915; I commence at the cor. of secs. 3, 4,

N. 0° 3' E. on a random line bet. secs. 3 and 4.

40.00 Set temp. 1/4 sec. cor.

79.09 Intersect N. bdy. of the township 5 lks. E. of the cor.
of secs. 3, 4, 33 and 34, described in book "A."

Thence I run

S. 0° 1' W. on a true line bet. secs. 3 and 4.

Asc. over rolling mountainous land.

8.00 Top of ridge, bears E. and W., 365 ft. above sec. cor.,
desc.

29.17 Abandoned tunnel, 30 lks. E. of line.

39.09 680 ft. below top of ridge, set an iron post, 3 ft. long,
1 in. in dia., 15 ins. in the ground, to bedrock, in a
mound of stone for 1/4 sec. cor., with a brass cap,
marked

Chains

1/4 S 4 | S 3

1915

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

Continue to desc.

49.22 Gulch, course SW. 100 ft. below 1/4 sec. cor., asc.

67.00 Top of spur, slopes W., 57 ft. above gulch, desc.

72.82 Gulch, course W., 100 ft. below top of spur, asc.

79.09 Cor. of secs. 3, 4, 9 and 10, 45 ft. above gulch.

Land, rolling mountainous.

Soil, stony, 4th. rate.

No timber or grass.

Undergrowth, cactus and greasewood.

Otis Ross, U.S.S.

March 23, 1915.

March 15, 1915; Lines run by Guy H. Richardson, U.S.S. as follows: At the cor. of secs. 32 and 33 on S. bdy. of Tp., de-

scribed in books "A" and "B", at 8h., 30m. a. m., l.m.t.,

set off 2° 22' S. on the decl. arc, and 34° 54' on the

lat. arc, and determine a meridian with the solar,

Thence I run

N. 0° 3' E. bet. secs. 32 and 33.

Asc. gradually over rolling land.

13.36 Wash, course SW., 28 ft. above sec. cor., asc.

40.00 40 ft. above wash, set an iron post, 3 ft. long, 1 in. in

dia., 26 ins. in the ground for 1/4 sec. cor., with a
brass cap, marked

1/4 S 32 | S 33

1915

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

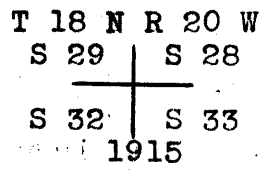
W. of cor. Thence over slightly rolling land.

70.00 Wash, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in

the ground for cor. of secs. 28, 29, 32 and 33, with a
brass cap, marked

Chains



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

Land rolling.

Soil, sandy and stony, 3rd. rate.

No timber.

Undergrowth, cactus, greasewood and sagebrush.

N. 89° 44' E. on a random line bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect N. and S. line 11 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

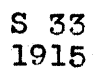
S. 89° 39' W. on a true line bet. secs. 28 and 33.

Desc. over rolling land.

12.23 Wash, course SW., 80 ft. below sec. cor., desc.

39.90 29 ft. below wash, set an iron post, 3 ft. long, 1 in. in dia., 6 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 28



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

79.80 140 ft. below 1/4 sec. cor., cor. of secs. 28, 29, 32 and 33.

Land rolling.

Soil, stony and sandy, 3rd. rate.

No timber.

Undergrowth, cactus, greasewood and sagebrush.

N. 0° 3' E. bet. secs. 28 and 29.

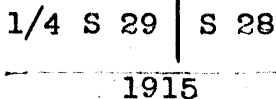
Over rolling land.

9.50 Wash, course W.

Chains

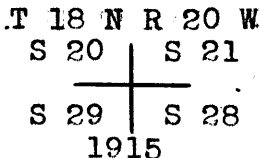
19.97 Wash, course W., asc.

40.00 140 ft. above wash, set an iron post, 3 ft. long, 1 in. in dia., 26 1/2 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



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

80.00 46 ft. above 1/4 sec. cor., set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with a brass cap, marked



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

Land, rolling.

Soil, stony and sandy, 3rd. rate.

No timber.

Undergrowth, cactus and greasewood.

At the cor. of secs. 20, 21, 28 and 29, at apparent noon, I set off 2° 19' S. on the decl. arc, and observe the sun on the meridian for lat. The resulting lat. is 34° 56' N.

N. 89° 39' E. on a random line bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect the cor. of secs. 21, 22, 27 and 28.

Thence I run

S. 89° 39' W. on a true line bet. secs. 21 and 28.

Asc. over rough mountainous land.

5.38 Top of spur, slopes NE., part of McHeffy buttes, 140 ft. above sec. cor., desc.

14.72 Draw, course NE., 220 ft. below top of spur, asc.

21.25 Top of spur, part of McHeffy buttes, 160 ft. above draw, slopes NE., desc.

Chains

40.03 450 ft. below top of spur, set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked

1/4 S 21

S 28
1915

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

80.06 Cor. of secs. 20, 21, 28 and 29, 200 ft. below 1/4 sec. cor.

Land rough mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 0° 3' E. bet. secs. 20 and 21.

Over level and slightly rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 20 | S 21
1915

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

50.00 Wagon road bet. Oatman and Topock, bears NE. and SW.

69.30 Same road, bears NW. and SE. asc.

80.00 50 ft. above road, set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in the ground, to bedrock, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, with a brass cap, marked

T 18 N R 20 W
S 17 | S 16

S 20 | S 21
1915

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

Chains

W. of cor.

Land, rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus, greasewood and ocotillo.

N. 89° 39' E. on a random line bet. secs. 16 and 21.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect cor. of secs. 15, 16, 21 and 22.

Thence I run

S. 89° 39' W. on a true line bet. secs. 16 and 21.

Over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 16

S 21
1915

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

55.05 Wash, course SW., 80 ft. below 1/4 sec. cor., asc.

80.00 Cor. of secs. 16, 17, 20 and 21, 35 ft. above wash.

Land rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus, greasewood and sagebrush.

Guy H. Richardson, U.S.S.

March 15, 1915.

March 23, 1915; Lines run by Otis Ross, U.S.S., as follows:

At the cor. of secs. 16, 17, 20 and 21, at 9h. 30m., a.

m., l.m.t., I set off 0° 48' N. on the decl. arc, and

34° 56 1/2' on the lat. arc, and determine a meridian with

the solar,

Thence I run

N. 0° 3' E. bet. secs. 16 and 17.

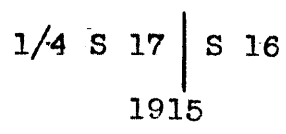
Asc. over rolling land.

Chains

8.30 Wagon road bet. Oatman and Topock, bears NE. and SW.,
51 ft. above sec. cor.

34.96 Gulch, course SW., 28 ft. above road, asc.

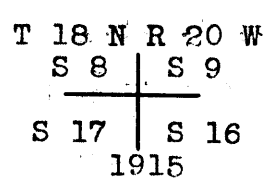
40.00 34 ft. above gulch, set an iron post, 3 ft. long, 1 in.
in dia., 12 ins. in the ground, to bedrock, in a mound
of stone, for 1/4 sec. cor., with a brass cap, marked



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

49.88 Gulch, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in
the ground, to bedrock, in a mound of stone, for cor.
of secs. 8, 9, 16 and 17, with a brass cap, marked



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

Land rolling.

Soil, stony, 4th. rate.

No timber and grass.

Undergrowth, cactus, sagebrush and greasewood.

N. 89° 39' E. on a random line bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line 14 lks. N. of the cor. of secs.
9, 10, 15 and 16.

Thence I run

S. 89° 45' W. on a true line bet. secs. 9 and 16.

Over rolling land.

5.06 Wash, course SW.

28.04 Wagon road bet. Oatman and Topock, bears NE. and SW.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., 10 ins. in
the ground, to bedrock, in a mound of stone, for 1/4

Chains

sec. cor., with a brass cap, marked

1/4 S 9

S 16
1915

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

55.07 Gulch, course SW.

80.02 Cor. of secs. 8, 9, 16 and 17.

Land rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

March 23, 1915.

March 24, 1915; At the cor. of secs. 8, 9, 16 and 17, at
Sh., 30m., a. m., l.m.t., I set off 1° 11' N. on the
decl. arc, 34° 57 1/2' on the lat. arc, and determine
a meridian with the solar,

Thence I run

N. 0° 3' E. bet. secs. 8 and 9.

Over rolling land.

13.95 Wash, course W.

26.80 Wash, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in
the ground, to bedrock, in a mound of stone, for 1/4
sec. cor., with a brass cap, marked

1/4 S 8 | S 9
1915

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

67.30 Enter wash, course SW.

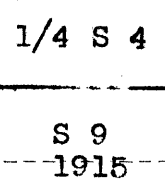
72.00 Leave wash, comes from E.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 12 ins. in
the ground to bedrock, in a mound of stone, for cor.
of secs. 4, 5, 8 and 9, with a brass cap, marked

T 18 N R 20 W
S 5 | S 4
S 8 | S 9
1915

Chains and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.
 Land rolling.
 Soil, stony and sandy, 3rd. rate.
 No timber.
 Undergrowth, cactus, greasewood and sagebrush.

N. 89° 45' E. on a random line bet. secs. 4 and 9.
 40.00 Set temp. 1/4 sec. cor.
 80.20 Intersect N. and S. line 21 lks. N. of the cor. of secs.
 3, 4, 9 and 10.
 Thence I run
 S. 89° 54' W. on a true line bet. secs. 4 and 9.
 Over rolling^{and} mountainous land.
 13.00 Desc.
 22.00 Mining shaft, 10 lks. N. of line.
 39.70 Wagon road bet. Oatman and Prospect, bears NW. and SE.,
 at foot of 235 ft. descent. Thence over rolling land.
 40.10 Set an iron post, 3 ft. long, 1 in. in dia., 15 ins. in
 the ground to bedrock, in a mound of stone, for 1/4
 sec. cor., with a brass cap, marked



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.
 52.45 Gulch, course SW., asc.
 63.85 Top of spur, slopes S., 17 ft. above gulch, desc.
 69.45 Wagon road bet. Oatman and Topock, bears NW. and SE.
 80.20 Cor. of secs. 4, 5, 8 and 9, 100 ft. below top of spur.
 Land rolling and mountainous.
 Soil, stony, 4th. rate.
 No timber.
 Undergrowth, cactus and sagebrush.

Chains N. 0° 3' E. bnta random line bet. secs. 4 and 5.

40.00 Set temp. 1/4 sec. cor.

79.20 Intersect the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the township, described in Book "A."

Thence I run

S. 0° 3' W. on a true line bet. secs. 4 and 5.

Desc over rolling mountainous land.

39.20 325 ft. below sec. cor. Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 5 | S 4
1915

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

Thence over gently rolling land.

49.60 Road, bears E. and W.

69.45 Wagon road bet. Oatman and Topock, bears NW. and SE.

75.45 Wagon trail, bears E. and W.

79.20 Cor. of secs. 4, 5, 8 and 9.

Land rolling and mountainous.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus, sagebrush and greasewood.

Otis Ross, U.S.S.
March 24, 1915.

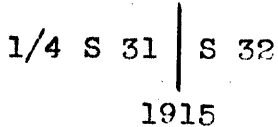
Lines run by Guy H. Richardson, U.S.S. as follows:
March 16, 1915; At the cor. of secs. 31 and 32, on the S. bdy. of the township, described in Books "A" and "E" at 8h. Om., a. m., l. m. t., set off 1° 58' S. on the decl. arc, and 34° 54' on the lat. arc, and determine a meridian; thence I run N. 0° 2' E. bet. secs. 31 and 32.

Over rolling land.

26.92 Wash, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

Chains

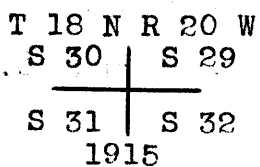


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

60.00 Enter wide shallow wash, course W.

70.00 Leave wash, enter mesa land, bears E. and W., asc.

80.00 75 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 29, 30, 31 and 32, with a brass cap, marked



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

Land rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 44' E. on a random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line 3 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence I run

S. 89° 45' W. on a true line bet. secs. 29 and 32.

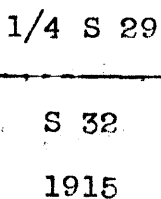
Over rolling land.

14.90 Leave wash land, bears S. 70° W. and N. 70° E.

29.90 Wash, course S. 80° W.

34.70 Wagon road bet. Oatman and Topock, bears NE. and SW.

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



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

Chains	N. of cor.
79.90	Cor. of secs. 29, 30, 31 and 32. Land rolling. Soil, stony, 4th. rate. No timber. Undergrowth, cactus and greasewood.
40.00	S. 89° 44' W. on a random line bet. secs. 30 and 31. Set temp. 1/4 sec. cor.
80.81	Intersect the W. bdy. of the township 2 lks. S. of old cor. of secs. 25, 30, 31 and 36, described in Book "B." Thence I run N. 89° 45' E. on a true line bet. secs. 30 and 31. Over level stony land.
40.81	Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked <u>1/4 S 30</u>
	S 31 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
60.81	Wash, course SW.
80.81	Cor. of secs. 29, 30, 31 and 32. Land level. Soil, stony, 4th. rate. No timber. Undergrowth, cactus and greasewood.
35.00	N. 0° 2' E. bet. secs. 29 and 30. Wash, course W.
40.00	Over level stony land. Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked 1/4 S 30 S 29 1915

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface
rock, in a mound of stone, for cor. of secs. 19, 20,
29 and 30, with a brass cap, marked

T 18 N R 20 W
S 19 S 20
S 30 S 29
1915

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

Land level.
Soil, stony, 4th. rate.
No timber.
Undergrowth, cactus and greasewood.

N. 89° 45' E. on a random line bet. secs. 20 and 29.

40.00 Set temp. $1/4$ sec. cor.

79.90 Intersect cor. of secs. 20, 21, 28 and 29.
Thence I run
S. 89° 45' W. on a true line bet. secs. 20 and 29.
Over rolling land.

17.00 Wagon road bet. Oatman and Topock, bears N. 20° and S.
20° W.

~~39.95~~ Set an iron post, 3 ft. long, 1 in. in diam., on surface
rock, in a mound of stone, for $1/4$ sec. cor., with a
brass cap, marked

$1/4$ S 20
S 29
1915

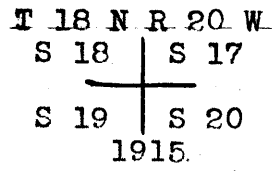
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

43.90 Wash, course SW.

79.90 Cor. of secs. 19, 20, 29 and 30.
Land rolling.
Soil, stony, 4th. rate.
No timber.

Chains	Undergrowth, cactus and greasewood.
	S. 89° 45' W. on a random line bet. secs. 19 and 30.
40.00	Set temp. 1/4 sec. cor.
81.00	Intersect the W. bdy. of the township 37 lks. S. of old cor. of secs. 19, 24, 25 and 30, described in Book "B"
	Thence I run
	S. 89° 59' E. on a true line bet. secs. 19 and 30.
	Over level land.
41.00	Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground, to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
	1/4 S 19
	S 30
	1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
81.00	Cor. of secs. 19, 20, 29 and 30.
	Land level.
	Soil, stony, 4th. rate.
	No timber.
	Undergrowth, cactus and greasewood.
	March 16, 1915.
	March 17, 1915; At the cor. of secs. 19, 20, 29 and 30, at 9h. 0m., a. m., 1. m. t., I set off 1° 34' S. on the decl. arc, and 34° 55 1/2' on the lat. arc, and determine a meridian, thence I run
	N. 0° 2' E. bet. secs. 19 and 20.
	Over rolling land, ascend slightly.
40.00	100 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
	1/4 S 19 S 20
	1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

Chains W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, with a brass cap, marked



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

Land gently rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

At the cor. of secs. 17, 18, 19 and 20, at apparent noon,

I set off 1° 31½'S. on the decl. arc, and observe the

sun on the meridian for lat. The resulting lat. is

34° 56½'N.

40.00 N. 89° 45' E. on a random line bet. secs. 17 and 20.

Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line 2 lks. S. of the cor. of secs. 16, 17, 20 and 21.

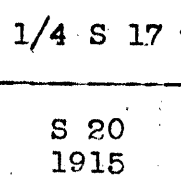
Thence I run

S. 89° 44' W. on a true line bet. secs. 17 and 20.

Over gently rolling land.

2.95 Wagon road bet. Oatman and Topock, bears NE. and SW.

39.98 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



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

N. of cor.

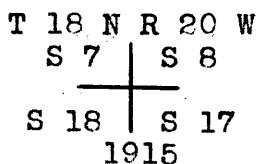
76.45 Wash, course SW.

79.96 Cor. of secs. 17, 18, 19 and 20.

Chains	Land, gently rolling. Soil, stony, 4th. rate. No timber. Undergrowth, cactus and greewood.
	N. 89° 59' W. on a random line bet. secs. 18 and 19.
40.00	Set temp. 1/4 sec. cor.
80.88	Intersect the W. bdy. of the township 14 lks. N. of old cor. of secs. 13, 18, 19 and 24, described in Book "B." Thence I run N. 89° 55' E. on a true line bet. secs. 18 and 19. Over gently rolling land.
40.88	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked 1/4 S 18 <hr/> S 19 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
66.18	Wash, course SW.
80.88	Cor. of secs. 17, 18, 19 and 20. Land, gently rolling. Soil, stony, 4th. rate. No timber. Undergrowth, cactus and greasewood.
	N. 0° 2' E. bet. secs. 17 and 18. Over gently rolling land.
19.70	Wash, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked 1/4 S 18 S 17 1915 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground, to bedrock, in a mound of stone, for cor. of secs. 7, 8, 17 and 18, with a brass cap, marked



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

Land gently rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 44' E. on a random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

79.86 Intersect N. and S. line 12 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence I run

S. 89° 39' W. on a true line bet. secs. 8 and 17.

Over level stony land.

39.93 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 8

S 17
1915

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

67.86 Wash, course SW.

79.86 Cor. of secs. 7, 8, 17 and 18.

Land level.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

Guy H. Richardson, U.S.S.
March 17, 1915.

Chains March 25, 1915; Lines run by Otis Ross, U.S.S. as follows:

At the cor. of secs. 7, 8, 17 and 18, at 8h. 0m., a. m., l. m. t., set off 1° 35' N. on the decl. arc, and 34° 57' on the lat. arc, and determine a meridian, thence I run

S. 89° 55' W. on a random line bet. secs. 7 and 18.

40.00 Set temp. 1/4 sec. cor.

80.84 Intersect W. bdy. of the township 12 lks. S. of reestablished cor. of secs. 7, 12, 13 and 18, described in Book "B."

Thence I run

East on a true line bet. secs. 7 and 18.

Over gently rolling land.

10.90 Wagon road bet. Needles and Oatman, bears NE. and SW.

30.90 Wash, course SW.

40.84 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, to bedrock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked

1/4 S 7

S 18
1915

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

46.00 Enter wash, course SW.

56.00 Leave wash, course SW.

70.88 Gulch, course SW.

80.84 Cor. of secs. 7, 8, 17 and 18.

Land, gently rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 0° 2' E. bet. secs. 7 and 8.

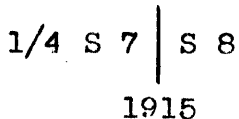
Over gently rolling land.

14.96 Wash, course SW.

34.92 Gulch, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in

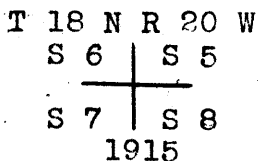
Chains the ground, to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked.



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

59.80 Gulch, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground, to bedrock, in a mound of stone, for cor. of secs. 5, 6, 7 and 8, with a brass cap, marked



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

Land, gently rolling.

Soil, stony, 4th. rate.

No timber.

Undergrowth, cactus and greasewood.

N. 89° 39'E. on a random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line 5 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

S. 89° 41' W. on a true line bet. secs. 5 and 8.

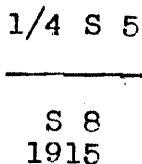
Over gently rolling land.

15.10 Gulch, course S.

29.96 Gulch, course SW.

37.53 Gulch, course SW.

39.95 Set an iron post, 3 ft. long, 1 in. in dia., 16 ins. in the ground, to bedrock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



Chains	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
54.05	Gulch, course SW.
62.45	Gulch, course SW.
79.90	Cor. of secs. 5, 6, 7 and 8. Land, gently rolling. Soil, stony, 4th. rate. No timber. Undergrowth, cactus and greasewood. At the cor. of secs. 5, 6, 7 and 8, at apparent noon, I set off $1^{\circ} 38'$ N. on the decl. arc, and observe the sun on the meridian for lat. The resulting lat. is $34^{\circ} 58'$ N.
	----- West on a random line bet. secs. 6 and 7.
40.00	Set temp. $1/4$ sec. cor.
80.87	Intersect the W. bdy. of the township 23 lks. N. of rees- tablished cor. of secs. 1, 6, 7 and 12, described in Book "B." Thence I run N. $89^{\circ} 50'$ E. on a true line bet. secs. 6 and 7. Over rolling land.
1.10	Gulch, course SW.
27.70	Gulch, course SW.
37.70	Wagon road, bet. Oatman and Needles, bears NE. and SW.
40.87	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground, to bedrock, in a mound of stone, for $1/4$ sec. cor., with a brass cap, marked $1/4$ S 6 <hr/> S 7 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
46.25	Gulch, course SW.
56.13	Gulch, course SW.
67.27	Gulch, course SW.

Subdivision of Township 18 North, Range 20 West. 49.

Chains.

80.87 Cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cactus and greasewood.

 N. 0° 2' E., on a random line, bet. secs. 5 and 6.

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

79.60 Intersect the N. bdy. of the Tp., 10 lks. E. of the cor. of
 secs. 5, 6, 31 and 32, described in Book "A."

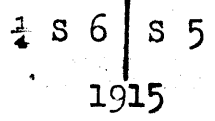
Thence I run,
 S. 0° 2' E., on a true line, bet. secs. 5 and 6.

Over rolling land.

25.20 Gulch, course SW.

38.65 Wagon road between Needles and Oatman, brs. NE. and SW.

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



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

48.27 Gulch, course SW.

64.80 Gulch, course SW.

79.60 Cor. of secs. 5, 6, 7 and 8.

Land, gently rolling.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cactus and greasewood.

Otis Ross, U.S.S.

March 25, 1915.

50.

Boundaries of T. 18 N., R. 20 W.
Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South bdy. of Tp.	S. 89° 44' W.	480.76		2.24		480.76
West bdy. of Tp.	N. 0° 1' W.	40.08	40.08			0.01
	N. 0° 03' W.	80.16	80.16			0.07
	N. 0° 3' E.	40.33	40.33		0.04	
	N. 0° 1' W.	39.58	39.58			0.01
	N. 0° 3' W.	40.17	40.17			0.04
	North	240.00	240.00			
North bdy. of Tp.	S. 89° 50' E.	480.88		1.40	480.88	
East bdy. of Tp.	S. 0° 6' W.	38.00		38.00		0.07
	S. 0° 12' W.	40.18		40.18		0.14
	South,	39.92		39.92		
	S. 0° 6' W.	120.57		120.57		0.21
	S. 0° 7' W.	39.81		39.81		0.08
	S. 0° 10' W.	40.00		40.00		0.12
	S. 0° 7' W.	79.62		79.62		0.16
	S. 0° 8' E.	39.69		39.69	0.09	
	S. 0° 2' E.	39.69		39.69	0.02	
Convergency					0.51	
Totals, -----			480.32	481.12	481.54	481.67
				480.32		481.54
Error in latitude, -----				0.80		
Error in departure, -----						0.13

GENERAL DESCRIPTION.

This township is rough and mountainous in the northern and eastern portions, and rolling, mountainous in the south and western part. There is no timber in this township. There is a good spring in sec. 4 that would furnish considerable water for domestic purposes. There are plenty of mineral indications throughout the greater portion of the township, especially in the rough mountains.

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CERTIFICATES

FOR ~~FINAL OATH~~ OF UNITED STATES SURVEYORS

see book "C" of this group

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, 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 _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear 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 _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
 this _____ day of _____, 191____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 26, 1917

The foregoing field notes of the survey of the _____

Subdivision lines of _____

Township 18 North, Range 20 West,

of the Gila and Salt River Base and Meridian, State of Arizona, executed by Guy H. Richardson and Otis Ross, U. S. Surveyors, under special instructions dated January 4, 1915, for Group 431, _____, 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. Frost

U. S. Surveyor General of Arizona.

~~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.~~