

3120

Book "G."

4-679

BOOK 3120

(Subdivisions)

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

of

TOWNSHIP 17 NORTH, RANGE 16 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Fred N. Wardwell, U.S. Surveyor.

and

Howard G. Mason, U.S. Transitman.

~~In the capacity of U. S. Surveyor~~, under instructions dated January 7, 1915,
issued by the United States Surveyor General to govern surveys included in
Group No. 46, which were approved by the Commissioner of the General Land
Office, January 22, 1915.

Survey commenced April 26, 1915.

Survey completed May 13, 1915.

3120

3120

97

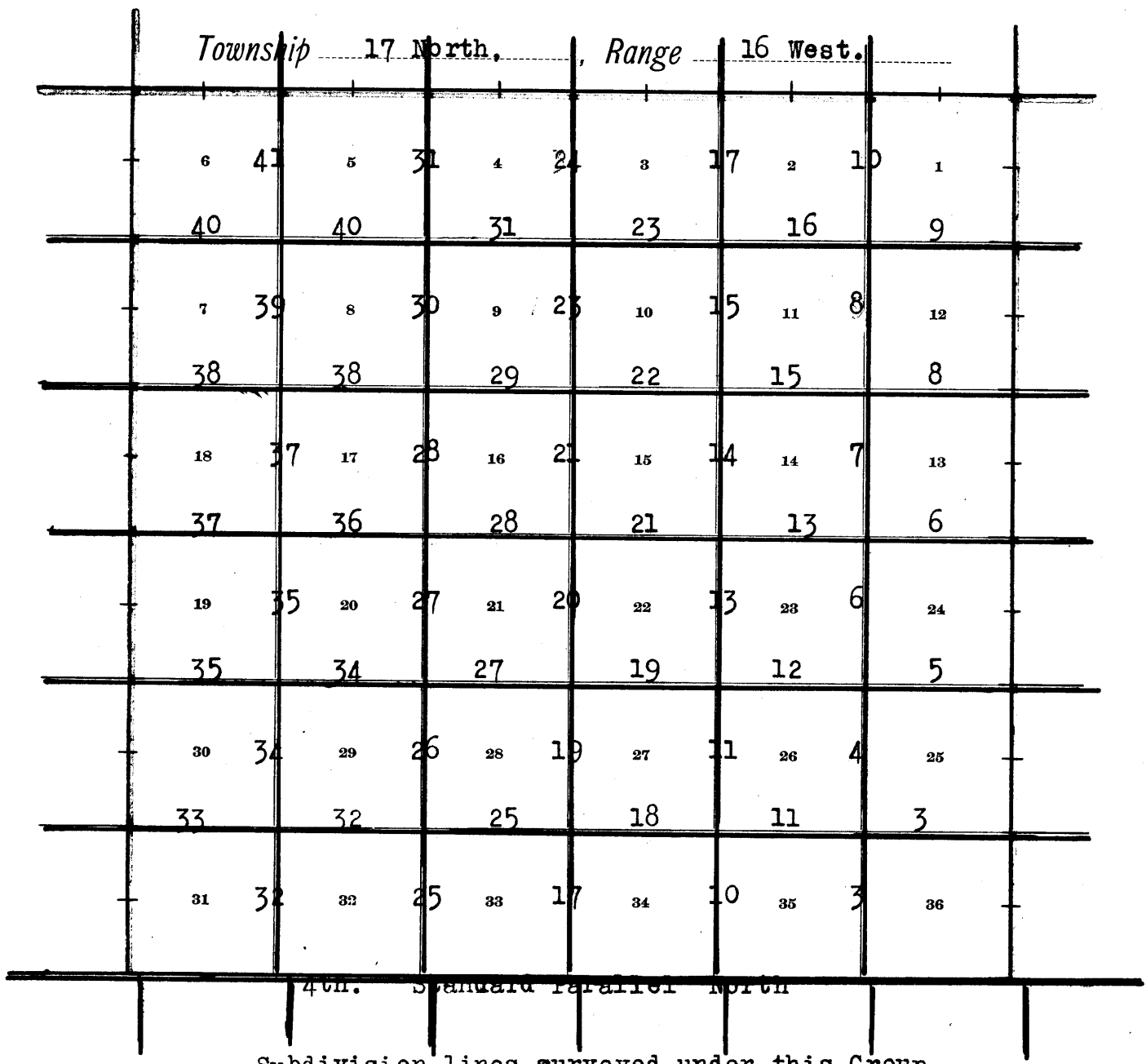
(1)

98
1A

BOOK 3120

3120
Book "G."
Book 46 - - Arizona.
(Subdivisions)

INDEX DIAGRAM.



- Subdivision lines surveyed under this Group.
- Township boundaries surveyed under this Group.
Notes in Book "B" 3115
- Township boundaries surveyed under this Group.
Notes in Book "B"
- Standard lines surveyed under this Group.
Notes in Book "A" 3114
- Executed under current Group No. 42.
- Executed under current Group No. 41

SUBDIVISION OF
TOWNSHIP 17 NORTH, RANGE 16 WEST,

DATE DIAGRAM.

	5-8-15	5-8-15	5-7-15	5-6-15	5-6-15	5-6-15	
4-15-15	6	5	4	3	2	1	5-3-15
4-15-15	7	8	9	10	11	12	5-3-15
4-13-15	18	17	16	15	14	13	5-3-15
4-13-15	19	20	21	22	23	24	4-28-15
4-13-15	30	29	28	27	26	25	4-10-15
4-13-15	31	32	33	34	35	36	4-10-15
4-8-15	4-8-15	4-8-15	4-8-15	4-8-15	4-8-15	4-8-15	4-8-15

4th. Standard Parallel North.

Lines dated in red were surveyed by Fred N. Wardwell, U.S. Surveyor.

Lines dated in green were surveyed by Howard G. Mason, U. S. Transitman.

Chains.

Survey executed by Fred N. Wardwell, U.S. Surveyor, and Howard G. Mason, U.S. Transitman, under Assignment Instructions for Group 46, dated Jan. 28, 1915, with Young & Sons' light mountain transit, Nos. 8481 and 8389, respectively. The instruments are provided with Smith Solar attachments, which are kept in adjustment by frequent and repeated tests on meridians determined by direct solar and Polaris observations.

From the Standard cor. of secs. 35 and 36, on S. bdy. of Tp., (4th Std. Par. N.) described in Book "A," latitude 34°48'06"N.; long. 113°56'38"W.; mag. decl. 15°00'E., N. 0°1'W., bet. secs. 35 and 36.

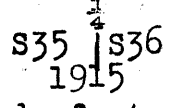
Ascend over rolling, mountainous land.

1.90 Top of spur, slopes N. 80°E., 40 ft. above sec. cor.; descend slightly.

10.00 Begin to ascend.

29.56 Top of spur, slopes S. 60°W., 550 ft. ascent; descend.

40.00 30 ft. below top of spur, 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, 1 1/2 ft. high, W. of cor.

Ascend.

41.13 Top of spur, slopes W. about 15 chs., 35 ft. above 1/4 sec. cor. Desc.

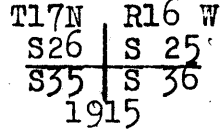
51.47 Draw, course S. 80°W., 155 ft. below top of spur; ascend.

60.13 Top of spur, slopes W., 270 ft. above draw; descend slightly.

65.13 Begin to ascend.

73.53 Top of spur, slopes W. about 20 chs., 240 ft. ascent. Descend.

80.00 100 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, on top of a large boulder, 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, 3rd rate.

Undergrowth, palo verde, and cacti.

Subdivision of Township 17 North, Range 16 West.

Chains.

East, on a random line, bet. secs.25 and 36.

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

80.10 Intersect the Est bdy.of the Tp., 44 lks.S.of the cor.of
secs.25,30,31 and 36,described in Book "B."
S.89°41'W.,on a true line,bet.secs.25 and 36.
Ascend over rolling, mountainous land.

40.05 155 ft. above sec.cor., set an iron post, 3 ft.long,1 in.
in diam.,on surface rock,in a mound of stone,for $\frac{1}{4}$ sec.
cor., with a brass cap, marked
 $\frac{1}{4}$ S 25
 S 36
 1915
and raise a mound of stone,2 ft.base,1 $\frac{1}{2}$ ft.high,N.of
cor. Descend.

57.40 Foot of 113 ft.descent; ascend.

80.10 Cor.of secs.25,26,35 and 36, 217 ft.ascent.
Land,rolling,mountainous. Soil, stony,3rd rate.
Undergrowth,palo christo,scrub oak,buck brush and laurel.

N.0°1'W.,bet.secs.25 and 26.
Descend over rolling,mountainous land.

23.08 Enter dry wash,course W.,220 ft.below sec.cor.

29.58 Yucca-Cedar road,brs. E.and W.

32.28 Yucca-Cedar telephone line, brs.E. and W.

33.00 Leave dry wash; ascend.

40.00 Set an iron post,3 ft.long,1 in.in diam.,on surface rock,
in a moundnof stone,for $\frac{1}{4}$ sec.cor.,with a brass cap,
marked,
 $\frac{1}{4}$
S26 | S25
1915
and raise a mound of stone,2 ft.base,1 $\frac{1}{2}$ ft.high,W.of
cor.

56.78 Top of spur,slopes N.60°W.,about 20 chs.,435 ft.above dry
wash; descend.

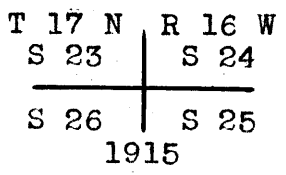
62.63 Draw, course N.60°W.,160 ft. below top of spur;ascend.

68.97 Top of spur,slopes N.60°W.,66 ft.above draw; descend.

80.00 108 ft.below top of spur, set an iron post, 3 ft.long,2 ins.
in diam., 'on surface rock,in a mound of stone,

Subdivision of T. 17 N., R. 16 W.

Chains for cor. of secs. 23, 24, 25 and 26, with a brass cap, marked



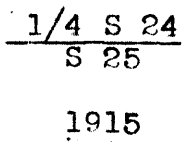
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush and laurel.

- 40.00 N. 89° 41' E. on a random line bet. secs. 24 and 25.
- Set temp. 1/4 sec. cor.
- 79.97 Intersect the E. bdy. of the twp. 32 lks. N. of the cor. of secs. 19, 24, 25 and 30, described in Book "B."
- S. 89° 55' W. on a true line bet. secs. 24 and 25.
- Desc. over rolling mountainous land.
- 4.25 Foot of 180 ft. descent, asc.
- 15.00 Top of 55 ft. ascent, spur, slopes N., about 20 chs., desc.
- 39.98 1/2 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, 1 1/2 ft. high, N. of cor.

- 41.49 Draw, course N. 20° W., 635 ft. below top of spur, asc.
- 47.67 Top of spur, slopes N., about 15 chs., 130 ft. above draw, desc.
- 68.00 Draw, 10 lks. wide, course N. 15° W., 285 ft. below top of spur, asc.
- 79.97 33 ft. above draw, cor. of secs. 23, 24, 25 and 26.
- Land, rolling mountainous.
- Soil, stony, 3rd. rate.
- Undergrowth, palo verde and cacti.

Chains N. 0° 1' W. bet. secs. 23 and 24.
 Desc. over rolling mountainous land.

29.32 Yucca-Copperville road, bears E. and W.

35.02 Enter dry wash, course W., 240 ft. below sec. cor.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground 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, 1½ ft. high, W. of cor.

45.00 Leave dry wash, asc.

59.30 Top of spur, slopes SE., about 5 chs., 170 ft. above dry wash, desc.

68.92 Dry wash, 30 lks. wide, course SE., 28 ft. below top of spur, asc.

80.00 84 ft. above dry wash, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with a brass cap, marked

T 17 N		R 16 W
S 14		S 13
S 23		S 24
1915		

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

Land, rolling mountainous.

Soil, stony and sandy, 3rd. rate.

Undergrowth, palo verde and cacti.

N. 89° 55' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect the E. bdy. of the twp. 14 lks. S. of the cor. of secs. 13, 18, 19 and 24, described in Book "B."

S. 89° 49' W. on a true line bet. secs. 13 and 24.

Over rolling mountainous land.

12.66 Dry wash, 1 ch. wide, course SW., asc.

40.06 200 ft. above dry wash, set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone,

Chains for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 13}{\text{S } 24}$$

1915

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

48.75 Top of spur, slopes S. about 20 chs., 60 ft. above 1/4 sec. cor., desc.

70.22 Dry wash, 30 lks. wide, course SE., 165 ft. below top of spur.

78.66 Dry wash, 20 lks. wide, course S., asc.

80.12 Cor. of secs. 13, 14, 23 and 24, 94 ft. above dry wash. Land, rolling mountainous. Soil, stony, 3rd. rate. Undergrowth, palo verde and cacti.

N. 0° 1' W. bet. secs. 13 and 14.

Over rolling mountainous land.

3.00 Dry wash, 40 lks. wide, course SE., asc.

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

$$\frac{1/4 \text{ S } 14 \quad | \quad \text{S } 13}{1915}$$

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

64.93 Top of ridge, bears E. and W., 1697 ft. above sec. cor., desc.

80.00 657 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. 11, 12, 13 and 14, with a brass cap, marked

$$\begin{array}{cc} \text{T } 17 \text{ N} & \text{R } 16 \text{ W} \\ \text{S } 11 & | & \text{S } 12 \\ \hline \text{S } 14 & | & \text{S } 13 \\ & 1915 \end{array}$$

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

Chains Land, rough mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, cat claw, palo christe and cacti on S. slope.
 buck brush, laurel and pinon on N. slope of ridge.

N. 89° 49' E. on a random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.26 Intersect the E. bdy. of the twp. 32 lks. N. of the cor.
 of secs. 7, 12, 13 and 18, described in Book 1811

N. 89° 57' W. on a true line bet. secs. 12 and 13.

Desc. over rolling mountainous land.

20.23 Draw, course SE., 400 ft. below sec. cor., asc.

40.13 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bed rock, 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.

67.74 Top of ridge, bears N. and S., 830 ft. above draw, desc.

80.26 Cor. of secs. 11, 12, 13 and 14, 330 ft. below top of
 ridge.

Land, rolling and rough mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, cat claw, laurel and
 cacti.

N. 0° 1' W. bet. secs. 11 and 12.

Desc. over rough mountainous land.

40.00 410 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 11 | S 12

1915

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

Subdivision of T. 17 N., R. 16 W.

Chains Asc. from 1/4 sec. cor.

79.15 Top of spur, slopes N. 85° W., 135 ft. above 1/4 sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with a brass cap, marked

T 17 N	R 16 W
S 2	S 1
S 11	S 12
1915	

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

Land, rough mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, laurel, cat claw and white sage.

S. 89° 57' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.15 Intersect the E. bdy. of the twp. 14 lks. N. of the cor. of secs. 1, 6, 7 and 12, described in Book "B." N. 89° 51' W. on a true line bet. secs. 1 and 12.

Asc. over rough mountainous land.

19.00 Top of spur, slopes N., 290 ft. above sec. cor., desc.

28.84 Draw, course N., 158 ft. below top of spur, asc.

40.07 1/2 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 1
S 12

1915

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

53.55 Top of spur, slopes NW., 500 ft. above draw, desc.

80.15 Cor. of secs. 1, 2, 11 and 12, 638 ft. below top of spur.

Land, rough mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, laurel, cat claw and and scattering pinon pine.

Chains N. 0° 1' W. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect the N. bdy. of the twp. 10 lks. E. of the cor. of secs. 1, 2, 35 and 36, described in Book "B."

S. 0° 5' E. on a true line bet. secs. 1 and 2.

Desc. over rough mountainous land.

23.59 Dry wash, in canyon, 15 lks. wide, course W., 565 ft. below sec. cor., asc.

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

$$\begin{array}{c} 1/4 \text{ S } 2 \quad | \quad \text{S } 1 \\ 1915 \end{array}$$

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

54.05 Top of spur, slopes NW., 770 ft. above dry wash, desc.

61.90 Foot of 58 ft. descent, asc.

79.92 Cor. of secs. 1, 2, 11 and 12, 260 ft. ascent.

Land, rough mountainous.

Soil, stony, 3rd. rate.

Undergrowth, buck brush, scrub oak, laurel, cat claw, palo christe and white sage.

From Standard cor. of secs. 34 and 35, on Subdy. of Twp. (4th.

Standard Parallel North), described in Book "A,"

N. 0° 1' W. bet. secs. 34 and 35.

Over slightly rolling land.

5.00 Dry wash, 50 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

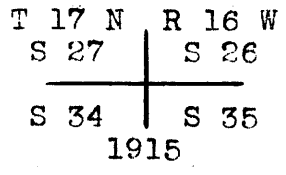
$$\begin{array}{c} 1/4 \text{ S } 34 \quad | \quad \text{S } 35 \\ 1915 \end{array}$$

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with a

Subdivision of T. 17 N., R. 16 W.

Chains brass cap, marked



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

Land, slightly rolling.

Soil, stony, 3rd. rate.

Undergrowth, yucca, palo christe, ocotillo and cacti.

East on a random line bet. secs. 26 and 35.

40.00 Set temp. 1/4 sec. cor.

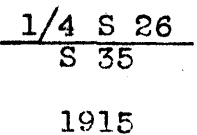
80.08 Intersect N. and S. line 9 lks. N. of the cor. of secs. 25, 26, 35 and 36.

N. 89° 56' W. on a true line bet. secs. 26 and 35.

Asc. slightly, over rolling land.

17.75 Top of ridge, bears N. 80° W. and S. 80° E., desc.

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 24 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.

68.08 Center of dry wash, 4 chs. wide, course S. 30° W., 718 ft. below top of ridge.

80.08 Cor. of secs. 26, 27, 34 and 35.

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, cacti, palo christe, ocotillo, cat claw and sage brush.

N. 0° 1' W. bet. secs. 26 and 27.

Asc. over rolling land.

40.00 55 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

Chains

1/4 S 27 | S 26

1915

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

49.96 Telephone line bet. Yucca and Cedar, bears N. 80° W. and
S. 80° E., 45 ft. above 1/4 sec. cor., desc.

56.26 Yucca-Cedar road, bears N. 60° W. and S. 60° E.

64.92 Draw, course W., 65 ft. below telephone line.

79.26 Dry wash, 1.30 chs. wide, course W.

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. 22, 23,
26 and 27, with a brass cap, marked

T 17 N		R 16 W
S 22		S 23
S 27		S 26
1915		

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

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, cacti, greasewood and yucca palm.

S. 89° 56' E. on a random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect the cor. of secs. 23, 24, 25 and 26.

N. 89° 56' W. on a true line bet. secs. 23 and 26.

Desc. over rolling mountainous land.

35.00 Enter draw, course W., 300 ft. below sec. cor.

40.01 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 23
S 26

1915

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

79.00 Leave draw, course S. 80° E.

80.02 Cor. of secs. 22, 23, 26 and 27.

Chains Land, rolling mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, cacti, cat claw and palo verde.

N. 0° 1' W. bet. secs. 22 and 23.

Asc. over rolling mountainous land.

10.78 Top of spur, slopes S. 80° W., about 20 chs., 168 ft.
 above sec. cor., desc.

32.37 Yucca-Copperville road, bears E. and W.

35.52 Enter dry wash, course W., 114 ft. below top of spur.

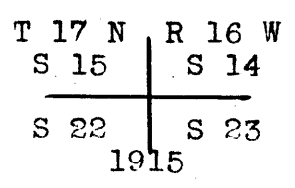
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 22		S 23
1915		

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

47.00 Leave dry wash, asc.

80.00 60 ft. above dry wash, set an iron post, 3 ft. long, 3
 ins. in diam., on surface rock, in a mound of stone,
 for cor. of secs. 14, 15, 22 and 23, 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, 3rd. rate.
 Undergrowth, cacti, cat claw and palo verde.

S. 89° 56' E. on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

80.17 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 13, 14, 23 and 24.

N. 89° 57' W. on a true line bet. secs. 14 and 23.

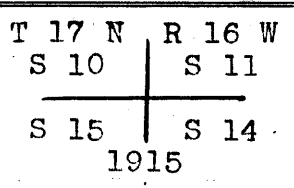
Asc. over rolling mountainous land.

Chains

- 18.78 Top of spur, slopes S. about 30 chs., 325 ft. above sec. cor., desc.
- 40.08 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked
- $$\frac{1/4 \text{ S } 14}{\text{S } 23}$$
- 1915
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor., 325 ft. below top of spur, continue to desc.
- 72.47 Dry wash, 30 lks. wide, course S., 300 ft. below 1/4 sec. cor., asc.
- 80.17 Cor. of secs. 14, 15, 22 and 23, 35 ft. above dry wash.
Land, rolling mountainous.
Soil, stony, 3rd. rate.
Undergrowth, cacti, palo verde and cat claw.
-
- N. 0° 1' W. bet. secs. 14 and 15.
Asc. over rolling mountainous land.
- 22.58 Top of spur, slopes SW., 417 ft. above sec. cor., desc. slightly.
- 35.98 Rocky draw, course SW., asc.
- 40.00 63 ft. above draw, 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
- $$\frac{1/4 \text{ S } 15 \quad | \quad \text{S } 14}{1915}$$
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., asc.
- 48.00 Top of ridge, bears E. and W., 150 ft. above 1/4 sec. cor., desc.
- 80.00 475 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 10, 11, 14 and 15, with a brass cap, marked

Subdivision of T. 17 N., R. 16 W.

Chains



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

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, laurel, cat claw, ocotillo and cacti.

S. 89° 47' E. on a random line bet. secs. 11 and 14.

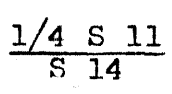
40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line 30 lks. S. of the cor. of secs. 11, 12, 13 and 14.

West on a true line bet. secs. 11 and 14.

Over rolling mountainous land, asc.

39.95 100 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



1915

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

79.90 Cor. of secs. 10, 11, 14 and 15.

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, wild walnut, cat claw and cacti.

N. 0° 1' W. bet. secs. 10 and 11.

Desc. slightly, over rolling land.

7.72 Dry wash, 20 lks. wide, course NW.

27.11 Dry wash, 50 lks. wide, course W., 315 ft. below sec. cor., asc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4

Chains sec. cor., with a brass cap, marked

1/4 S 10	S 11
1915	

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor., 50 ft. above dry wash, desc.

55.95 Dry wash, 30 lks. wide, course W., 70 ft. below 1/4 sec.
cor., asc.

61.00 Top of low ridge, bears E. and W., 43 ft. above dry wash,
desc.

66.00 Canyon and dry wash, 30 lks. wide, course S. 80° W., 77
ft. below ridge, asc.

75.65 Top of hill, 193 ft. above dry wash, desc.

80.00 40 ft. below top of hill, set an iron post, 3 ft. long,
2 ins. in diam., 6 ins. in the ground to bed rock, in
a mound of stone, for cor. of secs. 2, 3, 10 and 11,
with a brass cap, marked

T 17 N	R 16 W
S 3	S 2
S 10	S 11
1915	

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

Land, rolling mountainous.
Soil, stony, 3rd. rate.
Undergrowth, ocotillo, palo christe, cat claw and cacti.

East on a random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

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

S. 89° 58' W. on a true line bet. secs. 2 and 11.
Desc. over rough mountainous land.

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

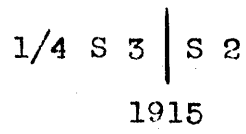
1/4 S 2	S 11
---------	------

1915

Subdivision of T. 17 N., R. 16 W.

Chains and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor., 950 ft. below sec. cor., continue to desc.
 67.00 Dry wash, 10 lks. wide, course SW., 390 ft. below ¼
 sec. cor., asc.
 77.43 Top of hill, 118 ft. above dry wash, desc.
 80.00 55 ft. below top of hill, cor. of secs. 2, 3, 10 and 11.
 Land, rough and rolling mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, scrub oak, buck brush, laurel, palo christe
 and cat claw.

N. 0° 1' W. on a random line bet. secs. 2 and 3.
 40.00 Set temp. ¼ sec. cor.
 79.81 Intersect the N. bdy. of the twp. 6 lks. E. of the cor.
 of secs. 2, 3, 34 and 35, described in Book "B."
 S. 0° 4' E. on a true line bet. secs. 2 and 3.
 Desc. over rolling mountainous land.
 28.51 Dry wash, 40 lks. wide, course SW., 172 ft. below sec. cor.
 39.81 Set an iron post, 3 ft. long, 1 in. in diam., on surface
 rock, in a mound of stone, for ¼ sec. cor., with a
 brass cap, marked



and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 60.77 Dry wash, 20 lks. wide, course W., asc.
 77.10 Top of 290 ft. ascent, desc.
 79.81 19 ft. descent, cor. of secs. 2, 3, 10 and 11.
 Land, rolling mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, ocotillo, palo christe, cat claw and cacti.

From standard cor. of secs. 33 and 34 on S. bdy. of Tp., (4th.
 Std. Parallel N.) described in Book "A", run
 N. 0° 2' W. bet. secs. 33 and 34.
 Over slightly rolling land.
 11.95 Dry wash, 20 lks. wide, course W.

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\begin{array}{c} 1/4 \text{ S } 33 \quad | \quad \text{S } 34 \\ \hline 1915 \end{array}$$

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. 27, 28, 33 and 34, with a brass cap, marked

$$\begin{array}{c} \text{T } 17 \text{ N} \quad \text{R } 16 \text{ W} \\ \text{S } 28 \quad | \quad \text{S } 27 \\ \hline \text{S } 33 \quad | \quad \text{S } 34 \\ \hline 1915 \end{array}$$

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

Land, rolling.

Soil, stony, 3rd. rate.

Undergrowth, cacti, greasewood and yucca palm.

East on a random line bet. secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line 2 lks. S. of the cor. of secs. 26, 27, 34 and 35.

S. $89^{\circ} 59'$ W. on a true line bet. secs. 27 and 34.

Desc. over rolling mountainous land.

40.06 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

$$\begin{array}{c} 1/4 \text{ S } 27 \\ \hline \text{S } 34 \end{array}$$

1915

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

50.18 Center of dry wash, 3 chs. wide, course S. 30° W., 135 ft. below sec. cor., asc.

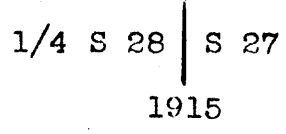
Chains

80.12 Cor. of secs. 27, 28, 33 and 34, 67 ft. above dry wash.
 Land, rolling mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, cacti, greasewood and yucca palm.

N. 0° 2' W. bet. secs. 27 and 28.

Asc. over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked

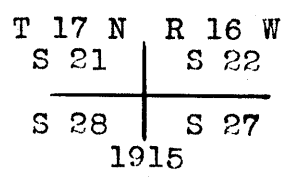


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor., 70 ft. above sec. cor., desc.

43.13 Dry wash, 30 lks. wide, course W., 52 ft. below 1/4 sec.
 cor., asc.

71.44 Telephone line, bears E. and W.

80.00 23 ft. above dry wash, set an iron post, 3 ft. long, 2 ins.
 in diam., 18 ins. in the ground to bed 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 1/2 ft. high,
 W. of cor.

Land, rolling.

Soil, gravelly, 3rd. rate.

Undergrowth, ocotillo, yucca, cacti, palo christe, cat
 claw and rabbit brush.

N. 89° 59' E. on a random line bet. secs. 22 and 27.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 22, 23, 26 and 27.

S. 89° 57' W. on a true line bet. secs. 22 and 27.

Chains Over slightly rolling land.

32.27 Old Cedar road, bears N. 10° W. and SW.

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 22
S 27

1915

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

80.02 Cor. of secs. 21, 22, 27 and 28.

Land, slightly rolling.

Soil, gravelly, 2nd. rate.

Undergrowth, ocotillo, yucca, cacti, palo christe, cat claw and rabbit brush.

N. 0° 2' W. bet. secs. 21 and 22.

Asc. over rolling land.

17.59 Top of hill, 327 ft. above sec. cor., desc.

39.00 Foot of hill, 325 ft. below top.

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

1/4 S 21 | S 22

1915

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

64.50 Dry wash, course S. 80° W., 5.50 chs. wide.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 15, 16, 21 and 22, with a brass cap, marked

T 17 N | R 16 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.

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Chains Undergrowth, ocotillo, yucca, palo christe, cacti and cat claw.

N. 89° 57' E. on a random line bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect N. and S. line 14 lks. S. of the cor. of secs. 14, 15, 22 and 23.

S. 89° 51' W. on a true line bet. secs. 15 and 22.

Desc. over rolling land.

12.80 Foot of 130 ft. descent.

30.20 Asc.

40.11 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

$$\frac{1/4 \text{ S } 15}{\text{S } 22}$$

1915

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

46.95 Point of hill, bears NE. and SW., 234 ft. ascent, desc.

65.20 Foot of 340 ft. descent.

76.82 Road bet. Yucca and Copperville, bears NW. and SE.

80.22 Cor. of secs. 15, 16, 21 and 22.

Land, rolling.

Soil, stony, 3rd. rate.

Undergrowth, greasewood, ocotillo, palo verde, cacti and rabbet brush.

N. 0° 2' W. bet. secs. 15 and 16.

Over slightly rolling land.

2.90 Yucca-Copperville road, bears N. 70° W. and S. 70° E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 16}{\text{S } 15}$$

1915

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.

Chains high, W. of cor.
 60.00 Dry wash, 50 lks. wide, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, with a brass cap, marked

T 17 N	R 16 W
S 9	S 10
S 16	S 15
1915	

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

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, ocotillo, yucca, palo christe and cat claw.

N. 89° 51' E. on a random line bet. secs. 10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.34 Intersect N. and S. line 5 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 S. 89° 53' W. on a true line bet. secs. 10 and 15.
 Desc. over rolling mountainous land.
 29.34 Foot of 400 ft. descent, asc.
 34.30 Top of 40 ft. ascent, low ridge, bears NW. and SE., desc.
 40.17 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., with a brass cap, marked

$\frac{1}{4}$ S 10
S 15

1915

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

43.90 Foot of 40 ft. descent, asc.
 50.00 Top 23 ft. ascent, low ridge, bears NE. and SW.
 56.77 Top of knoll, desc.
 70.34 Foot of knoll, 300 ft. below top.
 80.34 Cor. of secs. 9, 10, 15 and 16.
 Land, rolling mountainous.

Subdivision of T. 17 N., R. 16 W.

Chains Soil, stony, 3rd. rate.
Undergrowth, ocotillo, palo christe, cacti and cat claw.

N. 0° 2' W. bet. secs. 9 and 10.
Over rolling land.

19.20 Dry wash, 150 lks. wide, course S. 80° W.

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

1/4 S 9		S 10
1915		

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

58.24 Dry wash, 20 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with a brass cap, marked

T 17 N		R 16 W
S 4		S 3

S 9		S 10
1915		

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

Land, slightly rolling.
Soil, stony, 3rd. rate.
Undergrowth, ocotillo, yucca, palo christe, cat claw, cacti and rabbit brush.

N. 89° 53' E. on a random line bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect the cor. of secs. 2, 3, 10 and 11.
S. 89° 53' W. on a true line bet. secs. 3 and 10.
Desc. over rolling land.

40.06 277 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

Chains

$$\frac{1/4 \text{ S } 3}{\text{S } 10}$$

1915

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

80.12 163 ft. below $1/4$ sec. cor., cor. of secs. 3, 4, 9 and 10.

Land, rolling.

Soil, stony, 3rd. rate.

Undergrowth, ocotillo, palo christe, cacti, cat claw and
rabbet brush.

N. 0° 4' E. on a true line bet. secs. 3 and 4, cor. of
secs. 3, 4, 33 and 34 on the N. bdy. of the twp. in
sight.

Over rolling land.

4.30 Copper creek, 5 lks. wide, 1 in. deep, course SW.

5.85 Road to Yucca, bears N. 60° E. and S. 60° W.

15.99 Cor. of mining claim, bears N. 68° 0' W., 8.50 chs. dist.,
a slate stone, 40 X 10 X 12 ins., marked I.M.A. No.1
on N. face and I.M.S. No.1 on S. face.

23.00 Dry wash, 50 lks. wide, course SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in
the ground to bed rock, in a mound of stone, for $1/4$
sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 4}{\text{S } 3}$$

1915

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

79.92 Cor. of secs. 3, 4, 33 and 34 on the N. bdy. of the twp.,
described in Book "B."

Land, slightly rolling.

Soil, stony, 3rd. rate.

Undergrowth, ocotillo, cacti, palo christe and cat claw.

Chains 1 From Standard S. cor. of secs. 32 and 33 on S.bdy. of Tp. (4th. Std. Par. N.), described in Book, "A," N. 0° 2' W. bet. secs. 32 and 33. Over slightly rolling land.

17.26 Dry wash, 25 lks. wide, course W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, in a mound of stone, 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, 1 1/2 ft. high, W. of cor.

72.00 Dry wash, 150 lks. wide, course NW.

75.50 Dry wash, 50 lks. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with a brass cap, marked

T 17 N	R 16 W
S 29	S 28

S 32	S 33
1915	

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

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, ocotillo, cacti, palo christe, cat claw and rabbit brush.

East on a random line bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

80.03 Intersect N. and S. line 2 lks. S. of the cor. of secs. 27, 28, 33 and 34.

S. 89° 59' W. on a true line bet. secs. 28 and 33.

Desc. over rolling land.

38.32 83 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, in a mound of stone, for witness 1/4 sec. cor., with a brass cap, marked

cor. to

Y06

Chains

WC $\frac{1/4 \text{ S } 28}{\text{S } 33}$

1915

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

40.01 $\frac{1}{2}$ True point for 1/4 sec. cor. falls on large boulder at a
point where I am unable to build a corner., asc.

53.03 Top of hill, 300 ft. above witness 1/4 sec. cor., desc.

74.03 Dry wash, 60 lks. wide, course S. 35° W., 395 ft. below
top of hill.

80.03 Cor. of secs. 28, 29, 32 and 33.

Land, rolling.

Soil, gravelly, 2nd. rate.

Undergrowth, ocotillo, yucca, cacti, palo christe, cat
claw and rabbit brush.

N. 0° 2' W. bet. secs. 28 and 29.

Over rolling land.

22.50 Begin to asc.

30.50 Top of W. slope of hill, 100 ft. ascent, desc.

36.29 Foot of hill, 52 ft. descent.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked

$\frac{1/4 \text{ S } 29}{1915} \text{ S } 28$

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., 24 ins. in
the ground for cor. of secs. 20, 21, 28 and 29, with a
brass cap, marked

$\frac{\text{T } 17 \text{ N } \text{ R } 16 \text{ W}}{\text{S } 20 \text{ S } 21}$
 $\frac{\text{S } 29 \text{ S } 28}{1915}$

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

Land, slightly rolling.

Chains Soil, stony, gravelly and sandy, 2nd. and 3rd. rate.
 Undergrowth, greasewood, yucca, cacti, ocotillo, cat claw
 and rabbit brush.

N. 89° 59' E. on a random line bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

79.82 Intersect N. and S. line 2 lks. N. of the cor. of secs.
 21, 22, 27 and 28.

West on a true line bet. secs. 21 and 28.

Over level land.

33.47 Telephone line bet. Yucca and Cedar, bears N. 80° W. and
 S. 80° E.

39.91 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked

$\frac{1/4 \text{ S } 21}{\text{S } 28}$

1915

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

79.82 Cor., of secs. 20, 21, 28 and 29.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, yucca, ocotillo, cacti, palo christe and
 rabbit brush.

N. 0° 2' W. bet. secs. 20 and 21.

Over slightly rolling land.

12.68 Telephone line bet. Yucca and Cedar, bears N. 80° W. and
 S. 80° E., and dry wash, 30 lks. wide, course W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 20 | S 21

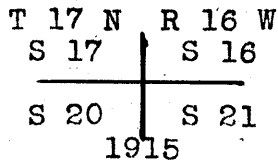
1915

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

69.17 Dry wash, 1 ch. wide, course N. 80° W.

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, 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.

Soil, gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, ocotillo, cacti and rabbit brush.

East on a random line bet. secs. 16 and 21.

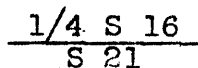
40.00 Set temp. $1/4$ sec. cor.

79.94 Intersect N. and S. line 16 lks. N. of the cor. of secs. 15, 16, 21 and 22.

N. $89^{\circ} 53'$ W. on a true line bet. secs. 16 and 21.

Over level land.

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for $1/4$ sec. cor., with a brass cap, marked



1915

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

79.94 Cor. of secs. 16, 17, 20 and 21.

Land, level.

Soil, gravelly, 2nd. rate.

Undergrowth, greasewood, ocotillo, cacti and rabbit brush.

N. $0^{\circ} 2'$ W. bet. secs. 16 and 17.

Over level land.

3.50 Dry wash, 25 lks. wide, course W.

Chains

54.90 Enter dry wash, course S. 80° W.

73.00 Leave wash.

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

Land, slightly rolling.

Soil, gravelly, 2nd. rate.

Undergrowth, cat claw, greasewood, cacti, yucca palm.

N. 0° 2' W. bet. secs. 8 and 9.

Desc. over rolling land.

25.41 Enter Copper wash, course S. 80° W., 93 ft. below sec. cor.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 8	S 9
1915	

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

43.00 Leave Copper wash, asc.

55.20 Yucca road, bears N. 80° E. and S. 80° W., 114 ft. above wash.

61.50 Abandon adobe house, bears S. 69° 31' E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with a brass cap, marked

T 17 N	R 16 W
S 5	S 4
S 8	S 9
1915	

dig pits, 18 X 18 X 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, slightly rolling.

Soil, stony and gravelly and sandy, 2nd. rate.

Undergrowth, cat claw, cacti and yucca palms.

Chains S. 89° 47' E. on a random line bet. secs. 4 and 9.
 40.00 Set temp. 1/4 sec. cor.
 79.98 Intersect N. and S. line 9 lks. N. of the cor. of secs.
 3, 4, 9 and 10.
 N. 89° 43' W. on a true line bet. secs. 4 and 9.
 Over level land, in bed of Copper wash.
 2.58 Copper creek, 4 lks. wide, course S. 70° W.
 11.48 Adobe house, bears S. 39° W., leave Copper wash, course
 S. 70° W.
 16.48 Road to Yucca, bears N. 70° E. and S. 70° W.
 39.99 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 4}{\text{S } 9}$$

1915

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.
 dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
 high, N. of cor.
 59.98 Enter dry wash, course S.
 67.98 Leave wash.
 79.98 Cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, sandy, 2nd. rate.
 Undergrowth, cat claw, yucca palm, cacti and greasewood.

N. 0° 2' W. on a random line bet. secs. 4 and 5.
 40.00 Set temp. 1/4 sec. cor.
 79.65 Intersect the N. bdy. of the twp. 7 lks. W. of the cor.
 of secs. 4, 5, 32 and 33, described in Book "B".
 S. 0° 1' W. on a true line bet. secs. 4 and 5.
 Desc. over rough mountainous land.
 26.85 Ravine, 20 lks. wide, course SE., continue to desc.
 39.65 1075 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

$$\frac{1/4 \text{ S } 5}{\text{S } 4}$$

1915

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

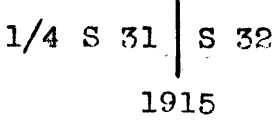
79.65 Cor. of secs. 4, 5, 8 and 9, 75 ft. below 1/4 sec. cor.
Land, rolling and rough mountainous.
Soil, stony, 3rd. rate.
Undergrowth, cacti and cat claw.

From standard cor. of secs. 31 and 32, on S. bdy. of Tp., (4th
Std. Parallel North) described in Book "A,"
N. 0° 3' W. bet. secs. 31 and 32.

Over level land.

6.00 Dry wash, 20 lks. wide, course S. 70° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked

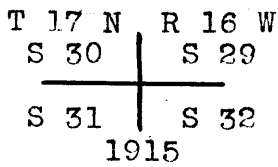


and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

47.40 Dry wash, 30 lks. wide, course W.

64.50 Dry wash, 150 lkd. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 29, 30, 31 and 32, with a
brass cap, marked



dig pits, 18 X 18 X 12 ins. in each sec. 5½ ft. dist.,
and raise a mound of earth, 4 ft. base, 2 ft. high,
W. of cor.

Land, level.

Soil, gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti, ocotillo, cat claw
and rabbit brush.

East on a random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

Chains

- 80.14 Intersect the cor. of secs. 28, 29, 32 and 33.
West on a true line bet. secs. 29 and 32.
Over level land.
- 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked
$$\frac{1/4 \text{ S } 29}{\text{S } 32}$$

1915
dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high, N. of cor.
- 80.14 Cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, sandy and gravelly, 2nd. rate.
Undergrowth, greasewood, yucca, cacti, cat claw and
rabbet brush.

- West on a random line bet. secs. 30 and 31.
- 40.00 Set temp. 1/4 sec. cor.
- 79.90 Intersect the W. bdy. of the twp. 14 lks. N. of the cor.
of secs. 25, 30, 31 and 36, described in Book "B."
N. 89° 54' E. on a true line bet. secs. 30 and 31.
Over level land.
- 39.90 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked
$$\frac{1/4 \text{ S } 30}{\text{S } 31}$$

1915
dig pits, 18 X 18 X 12 ins. E. and W. of post 3 ft.
dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high, N. of cor.
- 79.90 Cor. of secs. 29, 30, 31 and 32.
Land, level.
Soil, sand and gravel, 2nd. rate.
Undergrowth, greasewood, yucca, ocotillo, cacti and
rabbet brush.

Chains N. 0° 3' W. bet. secs. 29 and 30.

Over level land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

$$\frac{1}{4} \text{ S } 30 \quad | \quad \text{S } 29$$

1915

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with a brass cap, marked

$$\begin{array}{c} \text{T } 17 \text{ N} \quad | \quad \text{R } 16 \text{ W} \\ \text{S } 19 \quad | \quad \text{S } 20 \\ \hline \text{S } 30 \quad | \quad \text{S } 29 \\ 1915 \end{array}$$

dig pits, 18 X 18 X 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sand and gravell, 2nd. rate.

Undergrowth, greasewood, cacti, yucca, ocotillo and rabbit brush.

East on a random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

80.18 Intersect N. and S. line 8 lks. S. of the cor. of secs. 20, 21, 28 and 29.

S. 89° 57' W. on a true line bet. secs. 20 and 29.

Over level land.

40.09 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

$$\frac{1}{4} \text{ S } 20 \\ \text{S } 29$$

1915

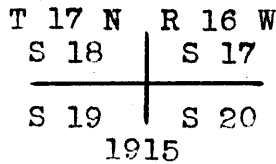
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Chains

- 80.18 Cor. of secs. 19, 20, 29 and 30.
Land, level.
Soil, sand and gravel, 2nd. rate.
Undergrowth, greasewood, yucca, ocotillo, cacti and
rabbet brush.
-
- S. 89° 54' W. on a random line bet. secs. 19 and 30.
- 40.00 Set temp. 1/4 sec. cor.
- 79.78 Intersect the W. bdy. of the twp. 2 lks. S. of the cor.
of secs. 19, 24, 25 and 30, described in Book "B."
N. 89° 50' E. on a true line bet. secs. 19 and 30.
Over level land.
- 39.78 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked
- $$\frac{1/4 \text{ S } 19}{\text{S } 30}$$
- 1915
- and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
- 79.78 Cor. of secs. 19, 20, 29 and 30.
Land, level.
Soil, sand and gravel, 2nd. rate.
Undergrowth, greasewood, yucca, cacti, ocotillo and
rabbet brush.
-
- N. 0° 3' W. bet. secs. 19 and 20.
Over slightly rolling land.
- 11.00 Dry wash, 40 lks. wide, course W.
- 34.49 Yucca-Cedar telephone line, bears N. 80° W. and S. 80° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked
- $$\frac{1/4 \text{ S } 19 \quad | \quad \text{S } 20}{1915}$$
- dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.
dist., and raise a mound of earth, 3½ ft. base, 1½ ft.
high, W. of cor.

Chains

- 59.96 Dry wash, 30 lks. wide, course W.
- 69.86 Dry wash, 30 lks. wide, course W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 17, 18, 19 and 20, with a brass cap, marked



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

Land, slightly rolling.

Soil, sand and gravel, 3rd. rate.

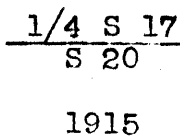
Undergrowth, greasewood, ocotillo, cacti and rabbit brush.

N. 89° 57' E. on a random line bet. secs. 17 and 20.

- 40.00 Set temp. 1/4 sec. cor.
- 80.10 Intersect N. and S. line 7 lks. S. of the cor. of secs. 16, 17, 20 and 21.
- S. 89° 54' W. on a true line bet. secs. 17 and 20.
- Desc. over rolling land.

8.10 Dry wash, 30 lks. wide, course S. 50° W.

- 40.05 90 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed 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.

- 40.11 Enter same dry wash, course W.
- 69.10 Leave wash, course NW., asc.
- 80.10 Cor. of secs. 17, 18, 19 and 20, 23 ft. above wash.

Land, slightly rolling.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, greasewood, cacti and yucca palm.

Chains S. 89° 55' W. on a random line bet. secs. 18 and 19.
 40.00 Set temp. 1/4 sec. cor.
 79.72 Intersect the W. bdy. of the twp. 5 lks. S. of the cor.
 of secs. 13, 18, 19 and 24, described in Book "B."
 N. 89° 57' E. on a true line bet. secs. 18 and 19.
 Over level land.
 39.72 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
 the ground for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 18}{\text{S } 19}$$

1915
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.
 79.72 Cor. of secs. 17, 18, 19 and 20.
 Land, level.
 Soil, sandy and gravelly, 2nd. rate.
 Undergrowth, greasewood, cacti and yucca palm.

N. 0° 3' W. bet. secs. 17 and 18.
 Over slightly rolling land.

10.00 Center of dry wash, 5 chs. wide, course W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground to bed rock, in a mound of stone, for 1/4
 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 18 \quad | \quad \text{S } 17}{1915}$$

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.
 50.00 Dry wash, 150 lks. wide, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins.
 in the ground for cor. of secs. 7, 8, 17 and 18, with a
 brass cap, marked

$$\begin{array}{c} \text{T } 17 \text{ N } \quad \text{R } 16 \text{ W} \\ \text{S } 7 \quad | \quad \text{S } 8. \\ \hline \text{S } 18 \quad | \quad \text{S } 17 \\ 1915 \end{array}$$

dig pits, 18 X 18 X 12 ins. in each sec., 5 1/2 ft. dist.,

Chains and raise a mound of earth, 4 ft. base, 2 ft. high,
W. of cor.
Land, slightly rolling.
Soil, sand and gravel, 2nd. rate.
Undergrowth, cacti, greasewood, yucca palm and cat claw.

N. 89° 54' E. on a random line bet. secs. 8 and 17.

40.00 Set temp. 1/4 sec. cor.

79.95 Intersect the cor. of secs. 8, 9, 16 and 17.

S. 89° 54' W. on a true line bet. secs. 8 and 17.

Desc. over rolling land.

59.97½ 52 ft. below sec. cor., set an iron post, 3 ft. long, 1
in. in diam., 24 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

$$\frac{1/4 \text{ S } 8}{\text{S } 17}$$

1915

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

49.35 Enter dry wash, course NW., 70 ft. below 1/4 sec. cor.

55.35 Leave wash.

64.65 Yucca-Copperville road, bears S. 60° E. and N. 60° W.

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

Land, rolling.

Soil, gravelly and stony, 3rd. rate.

Undergrowth, cacti, greasewood and yucca palm.

S. 89° 57' W. on a random line bet. secs. 7 and 18.

40.00 Set temp. 1/4 sec. cor.

79.50 Intersect the cor. of secs. 7, 12, 13 and 18, on the W.
bdy. of the twp., described in Book "B."

N. 89° 57' E. on a true line bet. secs. 7 and 18.

Over level land.

34.70 Yucca-Copperville road, bears N. 60° E. and S. 60° W.

39.50 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for 1/4 sec. cor., with a brass cap, marked

Chains

1/4 S 7
S 18

1915

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

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

Land, level.

Soil, sandy, 2nd. rate.

Undergrowth, greasewood, cacti and yucca palm.

N. 0° 3' W. bet. secs. 7 and 8.

Over slightly rolling land.

6.95 Yucca-Copperville road, bears S. 70° E. and W.

8.50 Dry wash, 50 lks. wide, course NW.

19.80 Road to yucca, bears N. 70° E. and S. 70° W.

29.00 Dry wash, 1 ch. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 7 | S 8
1915

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

65.00 Begin to asc.

75.32 Top of spur, slopes SE., 400 ft. above the level land.

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. 5, 6, 7 and 8, with a brass cap, marked

T 17 N R 16 W
S 6 | S 5
S 7 | S 8
1915

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

Land, level for S. 65 chs., ballance rough mountainous.

Soil, sandy and gravelly and stony, 2nd. and 3rd. rate.

Undergrowth, greasewood, cat claw, ocotillo and cacti.

Chains N. 89° 54' E. on a random line bet. secs. 5 and 8.
 40.00 Set temp. 1/4 sec. cor.
 80.20 Intersect the cor. of secs. 4, 5, 8 and 9.
 S. 89° 54' W. on a true line bet. secs. 5 and 8.
 Asc. over rolling mountainous land.
 14.90 Top of spur, slopes S. 10° E., 357 ft. above sec. cor.,
 desc.
 40.10 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

$$\frac{1/4 \text{ S } 5}{\text{S } 8}$$

1915
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 51.80 Ravine, 20 lks. wide, course S., 668 ft. below top of
 spur, asc.
 60.20 Top of 260 ft. ascent, desc.
 80.20 Cor. of secs. 5, 6, 7 and 8, 70 ft. descent.
 Land, rolling mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, cacti, palo verde, cat claw and palo christe.

S. 89° 57' W. on a random line bet. secs. 6 and 7.
 40.00 Set temp. 1/4 sec. cor.
 79.68 Intersect the W. bdy. of the twp. 25 lks. S. of the cor.
 of secs. 1, 6, 7 and 12, described in Book "B."
 S. 89° 52' E. on a true line bet. secs. 6 and 7.
 Asc. over rolling mountainous land.
 20.18 Top of 118 ft. ascent, desc. slightly.
 36.48 Dry wash, 15 lks. wide, course NW.,
 39.68 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

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

1915

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

73.48 Top of spur, slopes SE., 530 ft. above dry wash, desc.

79.68 Cor. of secs. 5, 6, 7 and 8, 236 ft. below top of spur. Land, rolling mountainous. Soil, stony, 3rd. rate. Undergrowth, greasewood, yucca, cacti and rabbit brush.

N. 0° 3' W. on a random line bet. secs. 5 and 6.

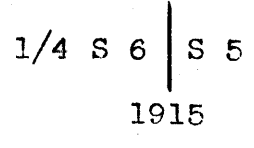
40.00 Set temp. 1/4 sec. cor.

79.88 Intersect the N. bdy. of the twp. 8 lks. W. of the cor. of secs. 5, 6, 31 and 32, described in Book "B." South on a true line bet. secs. 5 and 6. Asc. over rolling mountainous land.

11.75 Top of spur, slopes W., 233 ft. above sec. cor., desc.

27.00 Canyon, course NW., 320 ft. below top of spur.

39.88 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, W. of cor., asc.

63.36 Top of ridge, bears NE. and SW., 165 ft. above 1/4 sec. cor., desc.

79.88 Cor. of secs. 5, 6, 7 and 8, 660 ft. below top of ridge. Land, rolling mountainous. Soil, stony, 3rd. rate. Undergrowth, cat claw, cacti and sage.

GENERAL DESCRIPTION.

This township contains some good grazing land in the southwestern part. The eastern and northern portions are rough and rocky mountains, washed bare of soil and support very little vegetation. In sec. 4 are two mining claims on which considerable development work has been

Chains

done in the past. They show bodies of low grade copper. During the course of the survey considerable float rock was found in the north eastern part of the township which revealed tungsten. There are two tungsten prospects under development in the township to the north.

The only water is Copper creek which enters the township from the north and flows southwesterly for about two miles and then sinks. The water is of very poor quality because of the vegetable growth in the creek bottom.

The land on the desert flat in the southwestern part of the township is quite stony.

May 27, 1900.

142

For CERTIFICATES of U.S. Surveyor & U.S. Transitman, see Book "C."
~~FINAL OATH OF UNITED STATES SURVEYOR.~~

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, November 22, 191 8.

The foregoing field notes of the survey of the
SUBDIVISION LINES of
TOWNSHIP 17 NORTH, RANGE 16 WEST, of the
Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Fred N. Wardwell, U.S. Surveyor & Howard G. Mason, U.S. Transitman, under his special instructions dated January 7, 1915, for Group 46, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature]
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.~~