

3353

Book "K"
4-679

Original

BOOK 3353

FIELD NOTES

OF THE SURVEY OF THE

3353

East and North boundaries, and

subdivision lines of

TOWNSHIP 11 SOUTH, RANGE 5 WEST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

W. H. Thorn, U. S. surveyor, and U.S. Cadastral Engineer

and

Loyd E. Sechrist & Horace M. Muscott, U.S. Transitmen,

In the capacity of U.S. Surveyors

~~In the capacity of U. S. Surveyor~~, under Special Instructions dated July 12, 1917,

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

No. 84, Arizona, which were approved by the Commissioner of the General Land

Office, July 25, 1917, and Assignment Instructions dated Dec. 29, 1917
Sept 17, 1918 and
Oct. 8, 1918

Survey commenced June 7, 1918

Survey completed October 29, 1918

BOOK 3353

3353
Book "K"

Group 84 - - - Arizona.

Township 11 South, Range 5 West.

INDEX DIAGRAM.

Township		Range									
6	7	7	8	8	9						
6	40	5	38	4	27	3	21	2	15	1	5
40		39		32		27		20		14	
7	39	8	32	9	26	10	20	11	23	12	5
38		38		31		25		19		13	
18	37	17	31	16	25	15	19	14	12	18	4
37		36		30		24		18		12	
19	36	20	30	21	23	22	18	23	11	24	4
36		35		29		22		16		10	
30	35	29	29	28	22	27	16	26	10	25	3
34		34		28		21		15		9	
31	33	32	28	33	21	34	15	35	9	36	3

T. 11 S. R. 5 W.

———— Lines surveyed under this group.

----- Unsurveyed.

Group 84 - - - - - Arizona.

BOOK 3353

Township 11 South, Range 5 West.

DATE DIAGRAM.

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

Lines surveyed on dates shown in black on above diagram,
by William H. Thorn, U.S. Surveyor, and U.S. Cadastral Engineer,

Lines surveyed on dates shown in red on above diagram,
by Loyd E. Sechrist, U.S. Transitman.

Lines surveyed on dates shown in green on above diagram,
by Horace M. Muscott, U.S. Transitman.

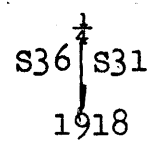
Survey of East boundary of Township 11 South, Range 5 W. (3)

Chains.

Survey executed by Wm. H. Thorn, U. S. Surveyor-Plater U. S. Cadastral Engineer--, Loyd E. Sechrist and Horace M. Muscott, U. S. Transitmen, on dates shown on page I hereof, using Young and Sons light mountain transit No. 8592, Buff solar transit No. 10125 and Young and Sons light mountain transit No. 8248, respectively, each instrument being equipped with Smith solar attachment. For descriptions of instruments, certificates of approval and field tests of adjustments, see Books "C" and "L".

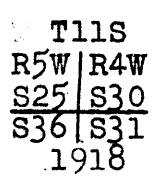
9.70
15.00
40.00

From the cor. of Ts. 11 and 12 S., Rs. 4 and 5 W., described in Book "I",
North bet. secs. 31 and 36.
Over level land, through dense undergrowth.
Wash, 60 lks. wide, course W.
Asc. 600 ft.
Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4½ ft. base, 3 ft. high, for ¼ sec. cor., marked on brass cap



80.00

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 25, 30, 31 and 36, marked on brass cap

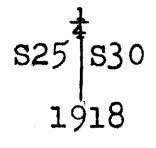


And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, level and mountainous.
Soil, gravelly and rocky, 3rd and 4th rates.
No timber.
Undergrowth, palo verde, mesquite, ironwood, greasewood, rosin brush and cactus.

9.59
19.56
24.53
27.20
37.50
40.00

North bet. secs. 25 and 30.
Over mountainous land, through dense undergrowth.
Desc. 20 ft.
Asc. 45 ft.
Desc. 35 ft.
Asc. 45 ft.
Desc. 300 ft.
Asc. 140 ft.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap



42.63
68.86
80.00

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Spur, slopes E. Desc. 230 ft.
Wash, 40 lks. wide, course S.15°E. Asc. 55 ft.
Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 4 ft. base, 3 ft. high, for cor. of secs. 19, 24, 25 and 30, marked on brass cap

4

Survey of the East Boundary of T. 11 S., R. 5 W.

Chains.

T11S.	
R5W	R4W
S24	S19
S25	S30
1918	

And raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, ironwood, greasewood and rosin brush.

North bet. secs. 19 and 24.
 Over mountainous land, through dense undergrowth.
 Asc. 240 ft.

13.26 Spur, slopes W. Desc. 35 ft.
 18.23 Asc. 125 ft.
 27.30 Spur, slopes NW. Desc. 170 ft.
 31.59 Asc. 135 ft.
 38.09 Desc. 175 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base, 2 ft. high, for ¼ sec. cor., marked on brass cap

¼	
S24	S19
1918	

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

54.67 Ravine, 30 lks. wide, 5 ft. deep, course SW. Asc. 440 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base, 2½ ft. high, for cor. of secs. 13, 18, 19 and 24, marked on brass cap

T11S	
R5W	R4W
S13	S18
S24	S19
1918	

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

North bet. secs. 13 and 18.
 Over mountainous land, through dense undergrowth.
 Asc. 70 ft.

20.00 Desc. 75 ft.
 31.00 Ravine, 50 lks. wide, 10 ft. deep, course NW. Asc.
 35.00 Desc. 215 ft.
 39.50 Canyon, course NE., from SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4 ft. base, 2 ft. high, for ¼ sec. cor., marked on brass cap

¼	
S13	S18
1918	

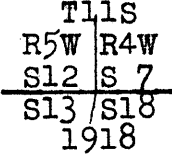
And raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Survey of the East Boundary of T. 11 S., R. 5 W.

5

Chains.
40.40
45.00
80.00

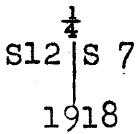
Wash, 20 lks. wide, course NE. Asc. 105 ft.
Thence along steep E. slope, descending 50 ft.
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on bed rock, in a mound of stone, 6 ft. base, 2½ ft. high, for cor. of secs. 7, 12, 13 and 18, marked on brass cap



And raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate; malpais boulders.
No timber.
Undergrowth, mesquite, greasewood, cactus and ocotillo.

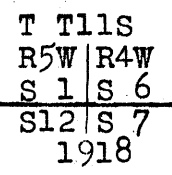
7.00
15.00
21.00
29.00
40.00

North bet. secs. 7 and 12.
Over mountainous land, strewn with malpais boulders, through dense undergrowth.
Desc. 35 ft.
Ravine, 1 ch. wide, 20 ft. deep, course NE. Thence along E. slope.
Desc. 195 ft.
Canyon, course NE. Asc. 125 ft.
Desc. 115 ft., along E. slope.
Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4 ft. base, 2 ft. high, for ¼ sec. cor., marked on brass cap



45.00
60.00
80.00

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Asc. 45 ft.
Desc. 220 ft.
Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs. 1, 6, 7 and 12, marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate; large malpais boulders.
No timber.
Undergrowth, palo verde, greasewood and ocotillo.

5.00
27.00
38.00
40.00

North bet. secs. 1 and 6.
Over mountainous land, through dense undergrowth.
Asc. 30 ft.
Desc. 265 ft., over boulders.
Foot of descent, brs .NW. and SE. Thence across canyon, course NW.
Wash, in bottom of canyon, 1 ch. wide, 5 ft. deep, course N.80°W.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the

Survey of the
East Boundary of T. 11 S., R. 5 W.

Chains.

ground, on bed rock, in a mound of stone, 5 ft. base, 2 ft. high, for 1/4 sec. cor., marked on brass cap

1/4
S 1 | S 6
1918

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

- 41.00 Asc. 115 ft., over large boulders, out of canyon.
- 47.00 Desc. 160 ft.
- 76.00 Wash, 10 lks. wide, course NW.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, on bed rock, in a mound of stone, for cor. of Ts. 10 and 11 S., Rs. 4 and 5 W., marked on brass cap

T10S
R5W | R4W
S 1 | S 6
S12 | S 7
T11S
1918

And raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Land, mountainous.
Soil, rocky, 4th rate; large boulders.
No timber.
Undergrowth, greasewood, palo verde, ocotillo and giant cactus.
Good grass in canyon.

Survey of the
North Boundary of T. 11 S., R. 5 W.

From the cor. of Ts. 10 and 11 S., Rs. 4 and 5 W., herein- before described,
West on a random line, along the N. bdy. of T. 11 S., R. 5 W., setting temp. 1/4 sec. and sec. cors. at inter- vals of 40.00 chs.; and at 479.33 chs., fall 28 lks. N. of the cor. of Ts. 10 and 11 S., Rs. 5 and 6 W., de- scribed in Book "L". The falling answers to a correction of 0°2', of 5 lks. S. per mile, counting from the NE. cor. of the Tp.; therefore

N.89°58'E., on a true line, bet. secs. 6 and 31.
Over level land, through dense undergrowth.

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

1/4 S31
S 6
1918

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

- 54.00 Road, brs. N.20°E. to Gila Bend and S.20°W. to Ajo.
- 79.33 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T10S R5W
S31 S32
S 6 | S 5
T11S
1918

Dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.
Land, level.
Soil, 3rd rate.

S36 | S31
S 1 | S 6

Survey of the No
North Boundary of T. 11 S., R. 5 W.

Chains.

No timber.
Undergrowth, mesquite, palo verde, greasewood and iron-wood.

23.00
33.90
40.00

N.89°58'E., on a true line, bet. secs. 5 and 32.
Over level land, through dense undergrowth.
Wash, 10 lks. wide, course SW.
Wash, 30 lks. wide, 2 ft. deep, course SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1 S32
4 S 5
1918

67.00
75.00
80.00

And raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.
Wash, 10 lks. wide, 1 ft. deep, course S.70°W.
Same wash, course N.80°W.
Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, on bed rock, in a mound of stone, 5 ft. base, 2 ft. high, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

T10S R5W
S32 S33
S 5 S 4
T11S
1918

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, 3rd rate; volcanic rock.
No timber.
Undergrowth, mesquite, palo verde, greasewood and iron-wood.

24.00
40.00

N.89°58'E., on a true line, bet. secs. 4 and 33.
Over level land, through dense undergrowth.
Wash, 50 lks. wide, 3 ft. deep, course SW.
Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap

1 S33
4 S 4
1918

80.00

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T10S R5W
S33 S34
S 4 S 3
T11S
1918

And raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, 3rd rate; volcanic rock.
No timber.
Undergrowth, greasewood, ironwood and palo verde.

Survey of the
North Boundary of T. 11 S., R. 5 W.

8
Chains.

N.89°58'E., on a true line, bet. secs. 3 and 34.
Over level land, through dense undergrowth.
9.00 Wash, 50 lks. wide, 4 ft. deep, course N.80°W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground, on bed rock, in a mound of stone, 4 ft. base,
2 ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S34 \\ \frac{1}{4} S 3 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
50.00 Wash, 20 lks. wide, course S.
67.00 Wash, 30 lks. wide, course S.
70.00 Wash, 30 lks. wide, course S.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 2, 3, 34 and 35, marked on
brass cap

$$\begin{array}{r} T10S R5W \\ \hline S34 | S35 \\ \hline S 3 | S 2 \\ \hline T11S \\ 1918 \end{array}$$

And raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.
Land, level.
Soil, 3rd rate; volcanic rock.
No timber.
Undergrowth, greasewood and ironwood.
Fair growth of grass along washes.

N.89°58'E., on a true line, bet. secs. 2 and 35.
Over level land, through dense undergrowth.
4.50 Wash, 50 lks. wide, course NW.
39.50 Wash, 10 lks. wide, course S.80°W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
brass cap

$$\begin{array}{r} \frac{1}{4} S35 \\ \frac{1}{4} S 2 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
50.00 Asc. 90 ft.
65.00 Desc. 45 ft.
75.50 Small draw, course N.10°W.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,
in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, for cor.
of secs. 1, 2, 35 and 36, marked on brass cap

$$\begin{array}{r} T10S R5W \\ \hline S35 | S36 \\ \hline S 2 | S 1 \\ \hline T11S \\ 1918 \end{array}$$

And raise a mound of stone, 4 ft. base, 2 ft. high, W.
of cor.
Land, level and gently rolling.
Soil, 3rd rate, stony.
No timber.
Undergrowth, ironwood, palo verde and mesquite.

N.89°58'E., on a true line, bet. secs. 1 and 36.

Survey of the
North Boundary of T. 11 S., R. 5 W.

Chains.

Over land sloping gradually to the N., through dense undergrowth.

14.00 Wash, 10 lks. wide, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, on bed rock, in a mound of stone, 3 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} \text{ S } 36 \\ \hline \frac{1}{4} \text{ S } 1 \\ 1918 \end{array}$$

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

79.00 Wash, 10 lks. wide, course N.20°W.

80.00 The cor. of Ts. 10 and 11 S., Rs. 4 and 5 W. Land, nearly level; sloping to the N. Soil, 3rd rate; volcanic boulders. No timber. Undergrowth, palo verde, ironwood, greasewood. Fair growth of grass along washes.

Survey of the
Subdivision of T. 11 S., R. 5 W.

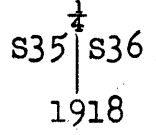
From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of Tp., Described in Book "I", N.0°1'W., bet. secs. 35 and 36.

Over mountainous land, through dense undergrowth. Asc. 100 ft., along E. slope of spur. Desc. 35 ft. Asc. 55 ft.

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

33.09

40.00



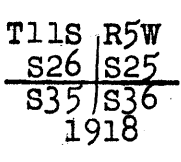
And raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

Desc. 70 ft. Asc. 120 ft. Desc. 70 ft.

56.43 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

67.75

80.00



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

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

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

80.03 Set temp. $\frac{1}{4}$ sec. cor. Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described. Thence S.89°57'W., on a true line, bet. secs. 25 and 36. Over mountainous land, through dense undergrowth.

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

Asc. 30 ft.
Ridge, brs. N. and S. Desc. 555 ft.
3.95 Wash, 40 lks. wide, 8 ft. deep, course SW. Asc. 155 ft.
29.55
40.01 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, for $\frac{1}{4}$ sec.
cor., marked on brass cap

$$\begin{array}{r} S25 \\ \frac{1}{4} S36 \\ \hline 1918 \end{array}$$

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

47.15 Spur, slopes S. Desc. 55 ft.
59.70 Draw, course SE. Asc. 85 ft.
69.60 Spur, slopes S. Desc. 145 ft.
76.85 Wash, 30 lks. wide, 5 ft. deep, course S. Asc.
80.03 The cor. of secs. 25, 26, 35 and 36.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, greasewood, cactus, and palo verde.

N.0 $^{\circ}$ 1'W., bet. secs. 25 and 26.
Over mountainous land, through dense undergrowth.
Asc. 225 ft.

34.13 Spur, slopes S.15 $^{\circ}$ W. Desc. 195 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} \\ S26 | S25 \\ \hline 1918 \end{array}$$

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

54.46 Wash, 30 lks. wide, 10 ft. deep, course S.60 $^{\circ}$ W. Asc. 40
ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in
a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of
secs. 23, 24, 25 and 26, marked on brass cap

$$\begin{array}{r} T11S | R5W \\ \hline S23 | S24 \\ \hline S26 | S25 \\ \hline 1918 \end{array}$$

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

40.00 East on a random line, bet. secs. 24 and 25, measurement
by stadia, because only one assistant available.
Take stadia measurement as follows: mean of three rod
readings, 11.50 ft. Ratio, 1 ft. = 2 chs. Focal con-
stant, 1.2 ft. Vertical angle, +11 $^{\circ}$ 4'. Horizontal
distance, .9632 X 11.5 X 2 plus .017 = 22.17 chs.

22.17 Take stadia measurement as follows: mean of three rod read-
ings, 9.28 ft. Ratio, 1 ft. = 2 chs. Focal constant,
1.2 ft. Vertical angle, +8 $^{\circ}$ 26'. Horizontal distance,
.9785 X 9.28 X 2 plus .017 = 18.18 chs., which added to
22.17 gives

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

- 40.35 West 0.35 chs., and set temp. $\frac{1}{4}$ sec. cor.
From 40.35 ch. point, take stadia measurement as follows:
mean of three rod readings, 5.54 ft. Ratio, 1 ft. =
2 chs. Focal constant, 1.2 chs. Vertical angle,
-4°36'. Horizontal distance, .9936 X 5.54 X 2 plus
.018 = 11.03 chs., which added to 40.35 chs., gives
- 51.38 Take stadia measurement as follows: mean of three rod
readings, 1.34 ft. Ratio, 1 ft. = 2 chs. Focal
constant, 1.2 ft. Vertical angle, -5°5'. Horizontal
distance, .99215 X 1.34 X 2 plus .018 = 2.68 chs.,
which added to 51.38 chs., gives
- 54.06 Take stadia measurement as follows: mean of three rod
readings, 1.82 ft. Ratio, 1 ft. = 2 chs. Focal
constant, 1.2 ft. Vertical angle, -10°0'. Horizontal
distance, .9698 X 1.82 X 2 plus .017 = 3.55 chs., which
added to 54.06 chs., gives
- 57.61 Take stadia measurement as follows: mean of three rod
readings, 11.5 ft. Ratio, 1 ft. = 2 chs. Focal
constant, 1.2 ft. Vertical angle, -8°20'. Horizontal
distance, .9790 X 11.5 X 2 plus .017 = 22.53 chs.,
which added to 57.61 chs., gives
- 80.14 Intersect E. bdy. of Tp., 5 lks. N. of the cor. of secs.
19, 24, 25 and 30, hereinbefore described.
Thence
N.89°58'W., on a true line, bet. secs. 24 and 25.
Over rolling and mountainous land, through dense under-
growth. Topography approximate.
- 2.15 Left bank of canyon, brs. N.20°W. and S.20°E. Desc.
- 2.85 Canyon, 40 lks. wide, 3 ft. deep, course S.20°E. Asc.
- 6.15 Right bank of canyon, brs. N.20°W. and S.20°E. Asc.
- 40.07 Main ridge, brs. N.20°W. and S.20°E.
Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
a mound of stone, 3½ ft. base, 2½ ft. high, for $\frac{1}{4}$ sec.
cor., marked on brass cap

$\frac{1}{4}$ S24
 $\frac{1}{4}$ S25
 1918

And raise a mound of stone, 2½ ft. base, 2 ft. high, N.
of cor.

- 58.15 Desc.
Rim, brs. N.60°W. and S.60°E. Continue descent.
- 67.55 Wash, 20 lks. wide, 4 ft. deep, course S.60°W. Asc.
- 75.15 Spur, slopes S.60°W. Desc.
- 80.14 The cor. of secs. 23, 24, 25 and 26.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite, ironwood, ocotillo,
greasewood and giant cactus.

N.0°1'W., bet. secs. 23 and 24.
Over mountainous land, strewn with loose boulders, through
dense undergrowth.

- 20.00 Desc.
Ravine, 50 lks. wide, 10 ft. deep, course SW. Asc.
- 25.00 Desc.
- 30.00 Ravine, 50 lks. wide, 25 ft. deep, course SW. Asc. 55 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S23 | S24
 1918

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

- 44.98 Desc. 205 ft., along W. slope.

Survey of the
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Chains.

56.32 Ravine, 20 lks. wide, 5 ft. deep, course W. Asc. 135 ft.
 60.85 Desc. 60 ft.
 70.81 Asc.
 75.81 Desc.
 77.81 Ravine, 100 lks. wide, course SW. Asc.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,
 in a mound of stone, 5 ft. base, 2½ ft. high, for cor.
 of secs. 13, 14, 23 and 24, marked on brass cap

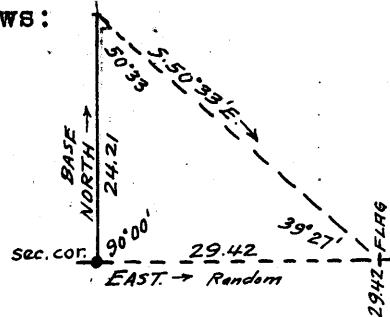
T11S R5W
 S14 | S13

 S23 | S24
 1918

And raise a mound of stone, 3 ft. base, 2 ft. high, W.
 of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, ocotillo and greasewood.

East, on a random line, bet. secs. 13 and 24.
 Triangulate over rocky slope as follows:

Set a flag E. on line, and from
 the cor. of secs. 13, 14, 23
 and 24, measure a base, North,
 24.21 chs., from the N. end
 of which flag brs. S.50°33'E.
 The dist. triangulated is
 given by $\tan. 50^{\circ}33' \times 24.21$
 chs. = 1.21526 X 24.21 =
 29.42 chs.



29.42 Continue East on random line, bet. secs. 13 and 24.
 40.00 Set temp. ¼ sec. cor.
 80.16 Intersect E. bdy. of Tp., 16 lks. N. of the cor. of secs.
 13, 18, 19 and 24, hereinbefore described.

Thence
 N.89°53'W., on a true line, bet. secs. 13 and 24.
 Over rolling and mountainous land, through dense under-
 growth.

8.80 Desc. 55 ft.
 13.70 Ravine, course S.60°E. Asc. 215 ft.
 23.20 Rim of mesa, brs. N.60°W. and S.60°E. Thence over level
 land.
 35.20 Desc. 30 ft.
 39.45 Draw, course S.10°E. Asc. 150 ft.
 40.08 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
 a mound of stone, 3½ ft. base, 3 ft. high, for ¼ sec.
 cor., marked on brass cap

S13
 ¼ S24
 1918

And raise a mound of stone, 2½ ft. base, 2 ft. high, N.
 of cor.

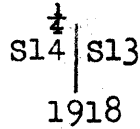
50.74 Triangulation point, on ridge, brs. N. and S. Thence by
 triangulation, approximate topography. Desc.
 77.50 Canyon, course S.10°W. Asc.
 80.16 The cor. of secs. 13, 14, 23 and 24.
 Land, level, rolling and mountainous.
 Soil, very rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, cactus and rosin brush.

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

Survey of the
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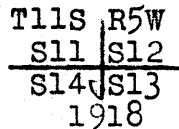
Chains.

40.00 Asc. 745 ft. , over boulders.
Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap



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

48.01 East rim of crater. Desc. 695 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 5 ft. base, 3 ft. high, for cor. of secs. 11, 12, 13 and 14, marked on brass cap



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

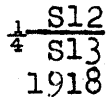
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, and ocotillo.

40.00 East on a random line, bet. secs. 12 and 13.
Set temp. ¼ sec. cor.
79.90 Intersect E. bdy. of Tp., 16 lks. N. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence
N.89°53'W., on a true line, bet. secs. 12 and 13.
Over mountainous land, through dense undergrowth.
Asc. 185 ft.

15.06 Spur, slopes N. Desc. 90 ft.
21.82 Canyon, course N.60°E. Asc. 150 ft.
35.04 Desc. 20 ft.

39.95 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 3½ ft. base, 3 ft. high, for ¼ sec. cor., marked on brass cap



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

46.29 Asc. 100 ft.
51.05 Desc. 70 ft.
53.87 Ravine, course N. Asc. 145 ft.
57.31 Desc. 330 ft.
71.09 Canyon, course N.10°W. Asc. 145 ft.
74.20 Spur, slopes N.10°W. Desc. 210 ft.
79.90 The cor. of secs. 11, 12, 13 and 14.

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

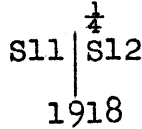
N.0°1'W., bet. secs. 111 and 12.
Over mountainous land, through dense undergrowth.
Desc. 70 ft.

6.68 Enter wash in bottom of canyon, course N., from S.10°W.
31.70 Leave wash, 10 lks. wide, in bottom of canyon, course NW.

Survey of the
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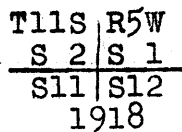
Chains.

40.00 Asc. 145 ft.
Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap



42.57 And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Desc. 155 ft.
Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs. 1, 2, 11 and 12, marked on brass cap



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

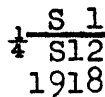
Land, mountainous.
Soil, rocky, 4th rate,; boulders.
No timber.
Undergrowth, palo verde, ocotillo, greasewood.
Fair growth of grass in canyons.

40.00 East on a random line, bet. secs. 1 and 12.
80.09 Set temp. ¼ sec. cor.
Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence
N.89°57'W., on a true line, bet. secs. 1 and 12.
Over mountainous land, through dense undergrowth.
Desc. 95 ft.

5.10 Gulch, 50 lks. wide, 20 ft. deep, course NW. Continue descent.
14.25 Ravine, 30 lks. wide, 5 ft. deep, course N. Asc. 100 ft.
21.00 Desc. 135 ft.
25.55 Ravine, 20 lks. wide, 5 ft. deep, course N. Asc. 130 ft.
31.15 Desc. 30 ft.
35.15 Asc. 35 ft.

40.04½ Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap



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

47.40 Desc. 95 ft.
Ravine, 50 lks. wide, 10 ft. deep, course NW. Asc. 225 ft.

65.55 Desc. 150 ft.
74.50 Ravine, 30 lks. wide, 60 ft. deep, course N. Asc. 130 ft.
80.09 The cor. of secs. 1, 2, 11 and 12.

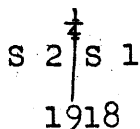
Land, mountainous.
Soil, rocky, 4th rate; huge boulders.
No timber.
Undergrowth, greasewood, palo verde, ocotillo and giant cactus.

Survey of the
Subdivision of T. 11 S., R. 5 W.

BOOK 3353

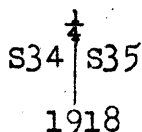
Chains.

N.0°1'W., on a random line, bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. bdy. of Tp., 2 lks. W. of the cor. of secs. 1,
 2, 35 and 36, hereinbefore described.
 Thence
 South on a true line, bet. secs. 1 and 2.
 Over mountainous land, through dense undergrowth.
 Desc.
 0.90 Small draw, course N.10°W. Asc. 140 ft.
 24.90 Desc. 155 ft.
 29.90 Wash, 2 chs. wide, 3 ft. deep, course W.
 38.90 Wash, 50 lks. wide, course NW. Asc. 260 ft.
 39.90 Set an iron post, 3 ft. long, 1 in. diam., on bed rock,
 in a mound of stone, 5 ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec.
 cor., marked on brass cap

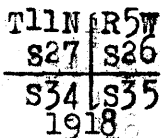


And raise a mound of stone, 3 ft. base, 2 ft. high, W.
 of cor.
 69.15 Desc. 50 ft.
 74.10 Asc. 100 ft.
 79.90 The cor. of secs. 1, 2, 11 and 12.
 Land, mountainous.
 Soil, rocky, 4th rate; huge boulders.
 No timber.
 Undergrowth, palo verde, ocotillo, and greasewood.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of
 Tp., described in Book "I.",
 N.0°1'W., bet. secs. 34 and 35.
 Over rolling land, through dense undergrowth.
 0.95 Wash, 35 lks. wide, 4 ft. deep, course NW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 65.50 Wash, 15 lks. wide, 2 ft. deep, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
 ground, on bed rock, in a mound of stone, 3 ft. base, 2
 ft. high, for cor. of secs. 26, 27, 34 and 35, marked on brass
 cap.



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

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

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Chains.

Thence
West on a true line, bet. secs. 26 and 35.
Over mountainous land, through dense undergrowth.
Asc. 190 ft.
11.55 Ridge, brs. N. and S. 20° E. Desc. 330 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground, on bed rock, in a mound of stone, 3 ft. base,
2½ ft. high, for ¼ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S26 \\ \frac{1}{4} S35 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 2 ft. base, 1½ ft. high, N.
of cor.
45.80 Continue gradual descent.
69.05 Wash, 10 lks. wide, course SW. Thence over rolling land.
80.00 The cor. of secs. 26, 27, 34 and 35.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite, greasewood and ocotillo,

N. 0° 1' W., bet. secs. 26 and 27.
Over gently rolling land, through dense undergrowth.
4.10 Wash, 25 lks. wide, 2 ft. deep, course S. 60° W.
13.40 Wash, 60 lks. wide, 4 ft. deep, course W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground, on bed rock, in a mound of stone, for ¼ sec.
cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S27 \\ \frac{1}{4} S26 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 3 ft. base, 2½ ft. high, W.
of cor.
45.00 Asc. 215 ft.
70.29 Spur, slopes N. 30° W. Desc.
72.89 Asc. 60 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in
a mound of stone, 4 ft. base, 3 ft. high, for cor. of
secs. 22, 23, 26 and 27, marked on brass cap

$$\begin{array}{r} T11S R5W \\ \frac{1}{4} S22 \quad \frac{1}{4} S23 \\ \frac{1}{4} S27 \quad \frac{1}{4} S26 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 3 ft. base, 2½ ft. high, W.
of cor.
Land, gently rolling and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, greasewood, cactus and palo verde.

0.07 East on a random line, bet. secs. 23 and 26.
Measurement from this point by stadia, because only one
assistant available. Mean of three rod readings, 2.81
ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft.
Vertical angle, + 21° 44'. Horizontal distance, .8629 X
2.81 X 2 plus .016 = 4.86 chs., which added to 0.07
chs., gives
4.93 Take stadia measurement as follows: mean of three rod
readings, 1.11 ft. Ratio, 1 ft. = 2 chs. Focal constant,
1.2 ft. Vertical angle + 10° 35'. Horizontal distance,

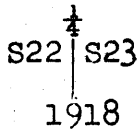
Survey of the
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Chains.	
	.9963 X 1.11 X 2 plus .017 = 2.23 chs., which added to 4.93 chs., gives
7.16	Take stadia measurement as follows: mean of three rod readings, 12.22 chs. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -0°56'. Horizontal distance, .9997 X 12.22 X 2 plus .018 = 24.45 chs., which added to 7.16 chs., gives
31.61	Take stadia measurement as follows: mean of three rod readings, 1.25 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -1°50'. Horizontal distance, .9990 X 1.25 X 2 plus .018 = 2.52 chs., which added to 31.61 chs., gives
34.13	Take stadia measurement as follows: mean of three rod readings, 4.45 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -21°23'. Horizontal distance, .8671 X 4.45 X 2 plus .016 = 7.73 chs., which added to 34.13 chs., gives
41.86	Thence West 1.86 chs., and set temp. $\frac{1}{4}$ sec. cor. From the 34.13 ch. point, take stadia measurement as follows: mean of three rod readings, 8.78 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -9°10'. Horizontal distance, 8.78 X .9746 X 2 plus .017 = 17.13 chs., which added to 34.13 chs., gives
51.26	Take stadia measurement as follows; mean of three rod readings, 5.64 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +13°10'. Horizontal distance, .9481 X 5.64 X 2 plus .017 = 10.71 chs., which added to 51.26 chs., gives
61.97	Take stadia measurement as follows: mean of three rod readings, 1.25 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +7°22'. Horizontal distance, .9836 X 1.25 X 2 plus .017 = 2.48 chs., which added to 61.97 chs., gives
64.45	Take stadia measurement as follows: mean of three rod readings, 0.98 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, 0°. Horizontal distance, 0.98 X 2 plus .018 = 1.98 chs., which added to 64.45 chs., gives
66.43	Take stadia measurement as follows: mean of three rod readings, 6.81 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, 0°. Horizontal distance, 6.81 X 2 plus .018 = 13.64 chs., which added to 66.43 chs., gives
80.07	Intersect N. and S. line, 16 lks. N. of the cor. of secs. 23, 24, 25 and 26. Thence N. 89°53' W., on a true line, bet. secs. 23 and 26. Over level and mountainous land, through dense undergrowth, topography approximate.
18.00	Desc. 185 ft.
30.00	Wash, 50 lks. wide, 4 ft. deep, in canyon, course S. 60° W. Asc.
35.00	Desc.
38.00	Wash, 50 lks. wide, 5 ft. deep, in canyon, course S. 20° E. Asc. 125 ft.
40.03 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S23 $\frac{1}{4}$ S26 1918
	And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
73.00	Spur, slopes S. Desc. 145 ft.
80.07	The cor. of secs. 22, 23, 26 and 27. Land, mountainous and level. Soil, gravelly and rocky, 4th rate. No timber. Undergrowth, palo verde, mesquite, ironwood, ocotillo, cholla, greasewood and giant cactus.

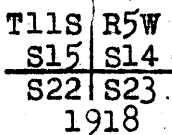
Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

N. 89° 1' W., bet. secs. 22 and 23.
Over mountainous land, through dense undergrowth.
Asc. 255 ft.
18.45 Desc. 90 ft.
37.71 Ravine, 50 lks. wide, 10 ft. deep, course W. Asc. 55 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock,
in a mound of stone, 4 ft. base, 2½ ft. high, for ¼ sec.
cor., marked on brass cap

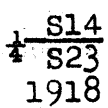


And raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.
46.98 Desc. 30 ft.
67.68 Desc. 170 ft.
73.12 Canyon, course W. Asc. 170 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,
in a mound of stone, 4 ft. base, 2½ ft. high, for cor.
of secs. 14, 15, 22 and 23, marked on brass cap.



And raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.
Land, mountainous and rolling.
Soil, rocky, 4th rate; huge boulders.
No timber.
Undergrowth, palo verde, greasewood, ocotillo and giant
cactus.

40.00 East on a random line, bet. secs. 14 and 23.
Set temp. ¼ sec. cor.
79.90 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
13, 14, 23 and 24.
Thence
S. 89° 54' W., on a true line, bet. secs. 14 and 23.
Over mountainous land, through dense undergrowth.
Asc. 95 ft.
3.20 Desc. 105 ft.
12.55 Ravine, 20 lks. wide, 5 ft. deep, course SW. Asc. 35 ft.
13.55 Desc. 35 ft.
18.50 Ravine, 50 lks. wide, 12 ft. deep, course S. Asc. 155 ft.
33.10 Spur, slopes N. Desc. 140 ft.
39.95 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec.
cor., marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, N.
of cor.
49.55 Asc. 15 ft.
54.55 Desc. 135 ft.
60.90 Wash, 20 lks. wide, course SW. Asc. 170 ft.
70.85 Desc. 35 ft.
79.90 The cor. of secs. 14, 15, 22 and 23.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde, greasewood.

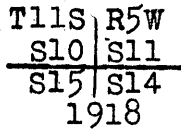
Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

N.0°1'W., bet. secs. 14 and 15.
Over mountainous land, through dense undergrowth.
Asc. 55 ft.
Desc. 270 ft.
16.26 Wash, 50 lks. wide, 4 ft. deep, course NW. Asc. 125 ft.
33.08 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
40.00 a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec.
cor., marked on brass cap



And raise a mound of stone, 2½ ft. base, 1½ ft. high, W.
of cor.
44.75 Spur, slopes W. Desc. 135 ft.
61.72 Wash, 50 lks. wide, 6 ft. deep, course SW. Asc. 345 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,
in a mound of stone, 5 ft. base, 2½ ft. high, for cor.
of secs. 10, 11, 14 and 15, marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W.
of cor.
Land, mountainous.
Soil, rocky, 3rd and 4th rate, covered with loose boulders.
No timber.
Undergrowth, palo verde, ocotillo, giant cactus and grease-
wood.

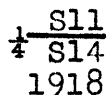
40.00 East on a random line, bet. secs. 11 and 14.
Set temp. ¼ sec. cor.
80.15 Intersect N. and S. line, at the cor. of secs. 11, 12, 13
and 14.

Thence

West on a true line, bet. secs. 11 and 14.
Over mountainous land, through dense undergrowth.
Desc. 50 ft.

1.75 Canyon, course N. Asc. 415 ft.
14.05 Desc. 30 ft.
16.60 Canyon, course N. Asc. 15 ft.
19.00 Desc. 150 ft.
28.55 Canyon, course NW. Asc. 125 ft.
35.15 Desc. 170 ft.

40.07½ Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in
a mound of stone, 3½ ft. base, 3 ft. high, for ¼ sec.
cor., marked on brass cap



And raise a mound of stone, 2½ ft. base, 2 ft. high, N.
of cor.

44.85 Canyon, course N.40°W. Asc. 55 ft.
52.25 Desc. 300 ft.
80.15 The cor. of secs. 10, 11, 14 and 15.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, palo verde and ocotillo.

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.	
<p>2.64 10.08 14.57 40.00</p>	<p>N.0°1'W., bet. secs. 10 and 11. Over mountainous land, covered with loose boulders, through dense undergrowth. Asc. 60 ft. Ridge, brs. E. and W. Desc. 135 ft. Ravine, 10 lks. wide, 4 ft. deep, course NW. Asc. 25 ft. Desc. 285 ft. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap</p>
	<p style="text-align: center;"> $\frac{1}{4}$ S10 S11 1918 </p>
<p>80.00</p>	<p>And raise a mound of stone, 2$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 2, 3, 10 and 11, marked on brass cap</p>
	<p style="text-align: center;"> T11S R5W S 3 S 2 S10 S11 1918 </p>
	<p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, 4th rate; covered with loose boulders. No timber. Undergrowth, greasewood, palo verde, ocotillo, giant cactus and cholla.</p> <hr/> <p>East on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, at the cor. of secs. 1, 2, 11 and 12. Thence West on a true line, bet. secs. 2 and 11. Over mountainous land, through dense undergrowth. Asc. 55 ft. Desc. 225 ft. Enter canyon, course N. Wash, 50 lks. wide, 4 ft. deep, course N. Leave canyon, Asc. 115 ft. Spur, slopes N. Desc. 150 ft. Ravine, 20 lks. wide, 5 ft. deep, course NW. Asc. 145 ft. Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2$\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap</p>
<p>40.00 80.14 6.25 18.10 22.00 28.50 39.19 40.07</p>	<p style="text-align: center;"> $\frac{1}{4}$ S 2 S11 1918 </p>
<p>46.97 71.24 75.50 80.14</p>	<p>And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Desc. 200 ft. Ravine, 20 lks. wide, 5 ft. deep, course NW. Continue descent. Wash, 100 lks. wide, 4 ft. deep, course NW. Asc. 40 ft. The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, rocky, 4th rate; covered with loose boulders. No timber. Undergrowth, greasewood, palo verde, ocotillo, cholla, ironwood and giant cactus.</p>

Survey of the
Subdivision of T. 11 S., R. 5 W.

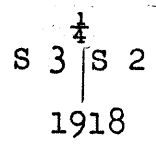
Chains.

40.00
79.93

N.0°1'W., on a random line, bet. secs. 2 and 3.
Set temp. ¼ sec. cor.
Intersect N. bdy. of Tp., 2 lks. E. of the cor. of secs.
2, 3, 34 and 35, hereinbefore described.

29.95
39.93

Thence
S.0°2'E., on a true line, bet. secs. 2 and 3.
Over level land, through dense undergrowth.
Wash, 150 lks. wide, course N.60°W.
Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground, in a mound of stone, 4 ft. base, 2 ft. high,
for ¼ sec. cor., marked on brass cap

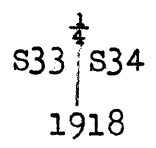


40.85
56.60
69.95
79.93

And raise a mound of stone, 2½ ft. base, 1½ ft. high,
W. of cor.
Leave level land, brs. E. and W. Asc. 190 ft.
Desc. 90 ft.
Wash, 100 lks. wide, 2 ft. deep, course NW. Asc. 45 ft.
The cor. of secs. 2, 3, 10 and 11.
Land, level and broken.
Soil, 2nd and 4th rates; covered with loose boulders.
No timber.
Undergrowth, greasewood, palo verde, ocotillo, cholla and
giant cactus.

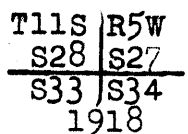
18.40
40.00

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of
Tp., described in Book "I",
N.0°2'W., bet. secs. 33 and 34.
Over level land, through dense undergrowth.
Wood road, brs. N.20°E. and S.20°W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap



50.00
64.19
73.19
77.99
80.00

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.
Desc. gradually, 25 ft.
Thence along left bank of wash, course N., from SE.
Wash, 25 lks. wide, course NW.
Wash, 16 lks. wide, course NW. Asc. 35 ft.
Set an iron post, 3 ft. long, 2 ins. diam., on bed rock,
in a mound of stone, 4 ft. base, 3 ft. high, for cor. of
secs. 27, 28, 33 and 34, marked on brass cap



And raise a mound of stone, 2½ ft. base, 2 ft. high, W.
of cor.
Land, level and gently rolling.
Soil, sandy and gravelly, 1st rate; and rocky, 4th rate.
No timber.
Undergrowth, mesquite, palo verde, ironwood, greasewood,
rosin brush and cactus.

40.00

East on a random line, bet. secs. 27 and 34.
Set temp. ¼ sec. cor.

Survey of the
Subdivision of T. 11 S. R. 5 W.

22

Chains.

80.00 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.
Thence
S. 89° 57' W., on a true line, bet. secs. 27 and 34.
Over rolling land, through dense undergrowth.
Desc. gradually.
12.90 Wash, 16 lks. wide, course SW. Asc.
15.00 Desc. gradually.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S27
S34
1918

And raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
47.10 Thence over level land.
58.60 Wash, 16 lks. wide, course SW.
67.10 Asc. 60 ft.
75.00 Desc. 30 ft.
80.00 The cor. of secs. 27, 28, 33 and 34.
Land, level and rolling.
Soil, gravelly, 2nd rate; and rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite, ironwood, greasewood and rosin brush.

N. 0° 2' W., bet. secs. 27 and 28.
Over mountainous land, through dense undergrowth.
Asc. 50 ft.
4.71 Desc. 80 ft.
15.82 Wash, 60 lks. wide, course W. Asc. 265 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

S28 | S27
1918

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
55.44 Desc. 20 ft.
61.53 Asc. 140 ft.
67.34 Spur, slopes S. 10° E. Asc. on spur.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on bed rock, in a mound of stone, 4 ft. base, 2 $\frac{1}{2}$ ft. high, for cor. of secs. 21, 22, 27 and 28, marked on brass cap

T11S R5W
S21 | S22
S28 | S27
1918

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, mountainous.
Soil, gravelly, 3rd rate; and rocky, 4th rate.
No timber.
Undergrowth, palo verde, rosin brush and cactus.

40.00 East on a random line, bet. secs. 22 and 27.
80.02 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 16 lks. S. of the cor. of secs. 22, 23, 26 and 27.
Thence

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

S.89°53'W., on a true line, bet. secs. 22 and 27.
Over rolling land, through dense undergrowth.
Desc. 10 ft.
1.65 Ravine, 50 lks. wide, 10 ft. deep, course S.20°E. Asc. 45 ft.
4.00 Desc. 180 ft.
25.00 Wash, 20 lks. wide, course SW. Thence over level land.
34.00 Wash, 1 ch. wide, course SE.
40.01 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap

$$\begin{array}{r} \frac{1}{4} S22 \\ \frac{1}{4} S27 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 2½ft. base, 1½ ft. high, N. of cor.
45.00 Leave level land, brs. NW. and SE. Asc. 260 ft.
80.02 The cor. of secs. 21, 22, 27 and 28.
Land, level and broken.
Soil, 4th rate, covered with volcanic boulders.
No timber.
Undergrowth, greasewood, palo verde, ocotillo and giant cactus.

N.0°2'W., bet. secs. 21 and 22.
Over gradual W. slope, through dense undergrowth.
15.00 Desc. 65 ft.
21.00 Ravine, 40 lks. wide, 10 ft. deep, course NW. Asc. 55 ft.
26.00 Desc. 170 ft.
39.00 Wash, 50 lks. wide, 3 ft. deep, course N.80°E. Asc. 35 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, 2 ft. high, for ¼ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S21 | S22 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
50.00 Desc. 50 ft.
57.00 Ravine, 100 lks. wide, 20 ft. deep, course NW. Asc. 35 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, for cor. of secs. 15, 16, 21 and 22, marked on brass cap

$$\begin{array}{r} T11S R5W \\ S16 | S15 \\ \hline S21 | S22 \\ \hline 1918 \end{array}$$

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, rolling.
Soil, 3rd rate; loose volcanic boulders.
No timber.
Undergrowth, greasewood, palo verde, ocotillo and giant cactus.

East on a random line, bet. secs. 15 and 22, measurement by stadia, because only one assistant available.
Take stadia measurement as follows: mean of three rod readings, 5.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +2°30'. Horizontal distance, .9981 X 5 X 2 plus .018 = 10.00 chs.

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.	
10.00	Take stadia measurement as follows: mean of three rod readings, 4.50 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +3°50'. Horizontal distance, $.9956 \times 4.50 \times 2$ plus $.018 = 8.98$ chs., which added to 10.00 chs., gives
18.98	Take stadia measurement as follows: mean of three rod readings, 5.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +3°30'. Horizontal distance, $.9963 \times 5.00 \times 2$ plus $.018 = 9.98$ chs., which added to 18.98 chs., gives
28.96	Take stadia measurement as follows: mean of three rod readings, 8.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +9°56'. Horizontal distance, $.9702 \times 8.00 \times 2$ plus $.017 = 15.54$ chs., which added to 28.96 chs., gives
44.50	Thence chain West 4.50 chs., and set temp. $\frac{1}{4}$ sec. cor. From the 44.50 ch. point, take stadia measurement as follows: mean of three rod readings, 2.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +4°22'. Horizontal distance, $.9942 \times 2.00 \times 2$ plus $.018 = 4.00$ chs., which added to 44.50 chs., gives
48.50	Take stadia measurement as follows: mean of three rod readings, 4.50 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +4°54'. Horizontal distance, $.9927 \times 4.50 \times 2$ plus $.018 = 8.95$ chs., which added to 48.50 chs., gives
57.45	Take stadia measurement as follows: mean of three rod readings, 3.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +3°42'. Horizontal distance, $.9959 \times 3 \times 2$ plus $.018 = 5.99$ chs., which added to 57.45 chs., gives
63.44	Take stadia measurement as follows: mean of three rod readings, 2.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, 0°. Horizontal distance, 2.00×2 plus $.018 = 4.02$ chs., which added to 63.44 chs., gives
67.46	Take stadia measurement as follows: mean of three rod readings, 4.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -1°18'. Horizontal distance, $.9995 \times 4.00 \times 2$ plus $.018 = 8.01$ chs., which added to 67.46 chs., gives
75.47	Take stadia measurement as follows: mean of three rod readings, 2.30 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -2°46'. Horizontal distance, $.9977 \times 2.30 \times 2$ plus $.018 = 4.61$ chs., which added to 75.47 chs., gives
80.08	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence S.89°56'W., on a true line, bet. secs. 15 and 22. Over rolling and mountainous land, through dense undergrowth. Approximate topography. Asc. 25 ft. Desc. 385 ft.
16.65	
40.04	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4} \frac{S15}{S22}$ 1918
	And raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
	Continue descent.
76.05	Head of ravine, course N.50°W. Asc.
80.08	The cor. of secs. 15, 16, 21 and 22. Land, rolling and mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, palo verde, mesquite, cactus and greasewood.

Survey of the
Subdivision of T. 11 S., R. 5 W.

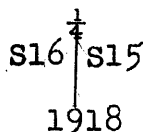
BOOK 3353

25

Chains.

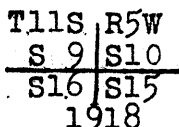
N.0°2'W., bet. secs. 15 and 16.
Over mountainous land, strewn with boulders, through dense undergrowth.

- 7.50 Desc. 65 ft.
 - 17.00 Ravine, 50 lks. wide, 10 ft. deep, course NNW. Asc. 70 ft.
 - 25.00 Desc. 105 ft.
 - 30.00 Canyon, 100 ft. deep, course NW. Asc. 190 ft.
 - 37.10 Thence along W. slope.
 - 40.00 Desc. 190 ft.
- Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap



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

- 47.00 Desc. steep NW. slope.
- 53.50 Canyon, course N.20°W. Asc. 100 ft.
- 66.00 Desc. 125 ft.
- 70.00 Bottom land, brs. E. and W.
- 73.00 Wash, 50 lks. wide, 4 ft. deep, course W. Asc. 30 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs. 9, 10, 15 and 16, marked on brass cap



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

Land, mountainous.
Soil, 3rd rate; strewn with boulders.
No timber.
Undergrowth, greasewood, palo verde, ocotillo and giant cactus.

East on a random line, bet. secs. 10 and 15, measurement by stadia, because only one assistant available.

- 6.31 Take stadia measurement as follows: mean of three rod readings, 3.50 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +18°31'. Horizontal distance, .89915 X 3.50 X 2 plus .017 = 6.31 chs.
 - 8.14 Take stadia measurement as follows: mean of three rod readings, 1.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +17°34'. Horizontal distance, .9089 X 1.00 X 2 plus .017 = 1.83 chs., which added to 6.31 chs., gives 8.14 chs., gives
 - 15.56 Take stadia measurement as follows: mean of three rod readings, 4.00 chs. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +15°52'. Horizontal distance, .9253 X 4.00 X 2 plus .017 = 7.42 chs., which added to 8.14 chs., gives 15.56 chs., gives
 - 19.52 Take stadia measurement as follows: mean of three rod readings, 2.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +6°53'. Horizontal distance, .98565 X 2.00 X 2 plus .017 = 3.96 chs., which added to 15.56 chs., gives 19.52 chs., gives
 - 30.27 Take stadia measurement as follows: mean of three rod readings, 5.40ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, +4°18'. Horizontal distance, .9944 X 5.40 X 2 plus .018 = 10.75 chs., which added to 19.52 chs., gives 30.27 chs., gives
- 30.27 Take stadia measurement as follows: mean of three rod readings, 2.50 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, -1°38'. Horizontal

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.	
	distance, $.9992 \times 2.50 \times 2$ plus $.018 = 5.01$ chs., which added to 30.27 chs., gives
35.28	Take stadia measurement as follows: mean of three rod readings, 2.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, $-1^{\circ}38'$. Horizontal distance, $.9992 \times 2.00 \times 2$ plus $.018 = 4.01$ chs., which added to 35.28 chs., gives
39.29	Thence chain East 0.71 chs., and set temp. $\frac{1}{4}$ sec. cor. From the 39.29 ch. point, take stadia measurement as follows: mean of three rod readings, 10.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, $+5^{\circ}46'$. Horizontal distance, $.9899 \times 10.00 \times 2$ plus $.017 = 19.81$ chs., which added to 39.29 chs., gives
59.10	Take stadia measurement as follows: mean of three rod readings, 3.00 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, $+1^{\circ}0'$. Horizontal distance, $.9997 \times 3.00 \times 2$ plus $.018 = 6.02$ chs., which added to 59.10 chs., gives
65.12	Take stadia measurement as follows; mean of three rod readings, 7.50 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.2 ft. Vertical angle, $+2^{\circ}15'$. Horizontal distance, $.99845 \times 7.50 \times 2$ plus $.018 = 14.99$ chs., which added to 65.12 chs., gives
80.11	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15. Thence S. $89^{\circ}59'W.$, on a true line, bet. secs. 10 and 15. Over mountainous land, through dense undergrowth. Desc. 195 ft.
24.55	Left bank of ravine, brs. N. $20^{\circ}W.$ and S. $20^{\circ}E.$ Thence across ravine, 70 ft. deep, course S. $20^{\circ}E.$
34.95	Right bank of ravine, brs. N. $20^{\circ}W.$ and S. $20^{\circ}E.$ Asc. 25 ft.
40.05 $\frac{1}{2}$	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4} \frac{S10}{S15}$ 1918
	And raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
49.80	Desc. 400 ft.
80.11	The cor. of secs. 9, 10, 15 and 16. Land, mountainous. Soil, rocky, 4th rate, covered with malpais rocks. No timber. Undergrowth, cactus, ocotillo, cholla, greasewood, palo verde and mesquite.
	N. $0^{\circ}2'W.$, bet. secs. 9 and 10. Over mountainous land, through dense undergrowth. Asc. 170 ft.
5.50	Desc. 100 ft.
10.00	Wash, 20 lks. wide, course SW. Asc. 115 ft.
17.00	Desc. 100 ft.
21.00	Canyon, course SW. Asc. 100 ft.
24.00	N. bank of canyon, brs. NE. and SW. Thence over nearly level land.
37.50	Desc.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$S \ 9 \ \frac{1}{4} \ S10$$
 1918

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

40.50 And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Wash, 10 lks. wide, in bottom of canyon, course West. Asc. 90 ft.
 43.00 Thence along W. slope.
 53.00 Desc. 145 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for cor. of secs, 3, 4, 9 and 10, marked on brass cap

T11S	R5W
S 4	S 3
S 9	S 10
1918	

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.; large boulders.
 No timber.
 Undergrowth, greasewood, palo verde, ocotillo, and giant cactus.

40.00 East on a random line, bet. secs. 3 and 10.
 80.05 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.
 Thence
 N. 89° 58' W., on a true line, bet. secs. 3 and 10.
 Over mountainous land, through dense undergrowth.
 Asc. 60 ft.
 27.39 Desc. 60 ft.
 35.51 Wash, 20 lks. wide, 3 ft. deep, course NW.
 37.50 Wash, 30 lks. wide, course N.
 40.02½ Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4 ft. base, 3 ft. high, for ¼ sec. cor., marked on brass cap

¼ S 3
¼ S 10
1918

43.40 And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 Wash, 10 lks. wide, course NE. Asc. 100 ft.
 57.80 Thence over rolling land.
 80.05 The cor. of secs. 3, 4, 9 and 10.
 Land, mountainous and broken.
 Soil, 3rd and 4th rates, covered with loose boulders.
 No timber.
 Undergrowth, palo verde, greasewood, ocotillo, cholla and giant cactus.

40.00 N. 0° 2' W., on a random line, bet. secs. 3 and 4.
 79.85 Set temp. ¼ sec. cor.
 Intersect N. bdy. of Tp., 9 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.
 Thence
 S. 0° 2' W., on a true line, bet. secs. 3 and 4.
 Over level land, through dense undergrowth.
 1.95 Wash, 50 lks. wide, 4 ft. deep, course SW., from SE.
 11.35 Wash, 100 lks. wide, 3 ft. deep, course W.
 14.85 Enter level land, brs. E. and W. Asc. 110 ft.
 17.85 Desc. 65 ft.
 24.85 Wash, 10 lks. wide, course W. Asc. 265 ft.
 39.85 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec.

Survey of the
Subdivision of T. 11 S., R. 5 W.

28

Chains.

cor., marked on brass cap

$\frac{1}{4}$
 S 4 | S 3
 1918

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

63.85 Desc. 65 ft.
79.85 The cor. of secs. 3, 4, 9 and 10.
Land, level and broken.
Soil, 4th rate; covered with boulders.
No timber.
Undergrowth, palo verde, greasewood and ocotillo.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of Tp., described in Book "I", N.0°2'W., bet. secs. 32 and 33.

3.00 Over level land, through dense undergrowth.
18.30 Wash, 12 lks. wide, 3 ft. deep, course N.70°W.
40.00 Wash, 35 lks. wide, 3 ft. deep, course N.75°W.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S32 | S33
 1918

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

49.40 Wood road, brs. E. and W.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap

T11S R5W
S29 | S28
 S32 | S33
 1918

Dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist. Land, level.

Soil, sandy and gravelly adobe, 1st and 2nd rates.
No timber.
Undergrowth, greasewood and mesquite.

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

40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.93 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence S.89°57'W., on a true line, bet. secs. 28 and 33. Over rolling land, through dense undergrowth.

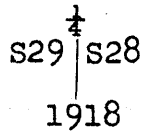
2.60 Desc. 40 ft.
4.50 Wash, 16 lks. wide, course N.80°W. Thence along N. slope.
13.85 Wash, 25 lks. wide, 3 ft. deep, course NW. Asc. 50 ft.
23.85 Desc. 15 ft.
38.75 Asc. 130 ft.
39.96 $\frac{1}{2}$ Desc. 40 ft.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S28
 $\frac{1}{4}$ S33
 1918

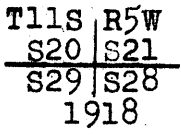
Chains.

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 45.35 Asc. 55 ft.
 50.25 Desc. 190 ft.
 64.95 Foot of descent, brs. N. and S. Thence over level land.
 79.93 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling and level.
 Soil, sandy and gravelly, 1st rate; and rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, ironwood, cat claw, grease-wood, rosin brush and cactus.

N.0°2'W., bet. secs. 28 and 29.
 Over level land, through dense undergrowth.
 10.00 Wash, 16 lks. wide, 5 ft. deep, course W.
 17.30 Wash, 40 lks. wide, 3 ft. deep, course W.
 30.00 Asc. 140 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, 2½ ft. base, 1½ ft. high, for ¼ sec. cor., marked on brass cap

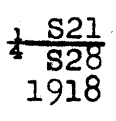


And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Continue ascent.
 72.90 Desc. 85 ft.
 77.72 Wash, 12 lks. wide, course W. Asc. 10 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, level and rolling.
 Soil, sandy adobe, 1st rate; and rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, mesquite, greasewood and cactus.

East on a random line, bet. secs. 21 and 28.
 40.00 Set temp. ¼ sec. cor.
 80.01 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 21, 22, 27 and 28.
 Thence
 N.89°57'W., on a true line, bet. secs. 21 and 28.
 Over mountainous land, through dense undergrowth.
 Desc. 170 ft.
 15.40 Wash, 8 lks. wide, course S. Asc. 255 ft.
 24.15 Spur, slopes S. Desc. 95 ft.
 32.62 Asc. 85 ft.
 40.00½ Set an iron post, 3 ft. long, 1 in. diam., on bed rock, 6 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap



Survey of the
Subdivision of T. 11 S., R. 5 W.

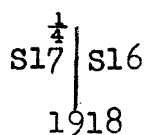
<p>Chains.</p> <p>40.75</p> <p>60.70</p> <p>64.65</p> <p>80.01</p>	<p>And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p> <p>Spur, slopes S. Desc. 295 ft.</p> <p>Wash, 12 lks. wide, course S. Asc. 145 ft.</p> <p>Spur, slopes S. Desc. 210 ft.</p> <p>The cor. of secs. 20, 21, 28 and 29.</p> <p>Land, mountainous.</p> <p>Soil, rocky, 4th rate; malpais formation.</p> <p>No timber.</p> <p>Undergrowth, palo verde, greasewood and cactus.</p>
<p>32.19</p> <p>40.00</p>	<p>N.0°2'W., bet. secs. 20 and 21.</p> <p>Over mountainous land, through dense undergrowth.</p> <p>Asc. 245 ft.</p> <p>Ridge, brs. E. and W. Desc. 60 ft.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap</p> <div style="text-align: center;"> <p>‡</p> <p>S20 S21</p> <p>1918</p> </div> <p>And raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.</p> <p>Asc. 40 ft.</p> <p>Spur, slopes N.20°W. Desc. 155 ft.</p> <p>Wash, 12 lks. wide, course NW. Asc. 85 ft.</p> <p>Spur, slopes NW. Desc. 70 ft.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, on bed rock, in a mound of stone, 3½ ft. base, 2½ ft. high, for cor. of secs. 16, 17, 20 and 21, marked on brass cap</p> <div style="text-align: center;"> <p>T11S R5W</p> <p>S17 S16</p> <p>— —</p> <p>S20 S21</p> <p>1918</p> </div> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, mountainous.</p> <p>Soil, rocky, 4th rate.</p> <p>No timber.</p> <p>Undergrowth, palo verde, greasewood, cactus and rosin brush.</p>
<p>40.00</p> <p>79.61</p> <p>12.00</p> <p>17.00</p> <p>23.00</p> <p>29.00</p> <p>34.00</p> <p>38.00</p> <p>39.80½</p>	<p>East on a random line, bet. secs. 16 and 21.</p> <p>Set temp. ¼ sec. cor.</p> <p>Intersect N. and S. line, 7 lks. S. of the cor. of secs. 15, 16, 21 and 22.</p> <p>Thence</p> <p>S.89°57'W., on a true line, bet. secs. 16 and 21.</p> <p>Over mountainous land, through dense undergrowth.</p> <p>Desc. 125 ft.</p> <p>Ravine, 100 lks. wide, 25 ft. deep, course N.30°W. Asc. 75 ft.</p> <p>Ridge, brs. N. and S. Desc. 105 ft.</p> <p>Wash, 30 lks. wide, in canyon, course N. Asc. 70 ft.</p> <p>Ridge, brs. N. and S. Desc. 70 ft.</p> <p>Wash, 20 lks. wide, in canyon, course N. Asc. 55 ft.</p> <p>Spur, slopes N. Desc. 60 ft.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 5 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap</p> <div style="text-align: center;"> <p>‡</p> <p>S16</p> <p>— —</p> <p>S21</p> <p>1918</p> </div>

Survey of the
Subdivision of T. 11 S., R. 5 W.

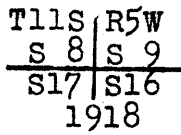
Chains.

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 46.00 Wash, 20 lks. wide, 2 ft. deep, course NE. Asc. 250 ft.
 58.00 Ridge, brs. N. and S. Desc. 45 ft.
 62.00 Ravine, 100 lks. wide, 20 ft. deep, course N. Asc. 35 ft.
 68.00 Ridge, brs. N. and S. Desc. 65 ft.
 79.61 The cor. of secs. 16, 17, 20 and 21.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, greasewood, ocotillo and cactus.

N.0°2'W., bet. secs. 16 and 17.
 Over mountainous land, through dense undergrowth.
 Desc. 170 ft.
 0.55 Wash, 8 lks. wide, course NW. Continue descent.
 12.84 Asc. 55 ft.
 22.23 Desc. 105 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap

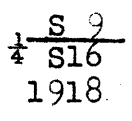


And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Desc. 105 ft.
 70.43 Wash, 12 lks. wide, course NW.
 73.43 Wash, 45 lks. wide, 6 ft. deep, course W. Asc.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, 3½ ft. base, 2 ft. high, for cor. of secs. 8, 9, 16 and 17, marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, rosin brush and cactus.

East on a random lien, bet. secs. 9 and 16.
 40.00 Set temp. ¼ sec. cor.
 79.89 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 9, 10, 15 and 16.
 Thence
 S.89°55'W., on a true line, bet. secs. 9 and 16.
 Over rolling land, through dense undergrowth.
 Desc. 25 ft.
 1.00 Enter level land, brs. NW. and SE.
 15.00 Wash, 50 lks. wide, 3 ft. deep, course N.80°W.
 39.94½ Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, 2 ft. high, for ¼ sec. cor., marked on brass cap



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

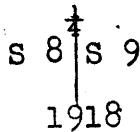
Survey of the
Subdivision of T. 11 S., R. 5 W.

32

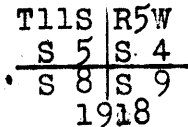
Chains.

50.00 Asc. gradually.
 60.00 Low spur, slopes NW. Desc. gradually.
 60.00 Enter level land, brs. N. and S.
 70.00 Wash, 50 lks. wide, 12 ft. deep, course NW.
 79.89 The cor. of secs. 8, 9, 16 and 17.
 Land, level and rolling.
 Soil, rocky, 3rd rate.
 No timber.
 Undergrowth, greasewood, palo verde, ironwood, ocotillo and giant cactus.

18.50 N.0°2'W., bet. secs. 8 and 9.
 26.50 Overlevel land, through dense undergrowth.
 40.00 Wash, 40 lks. wide, course NW.
 Wash, 30 lks. wide, 4 ft. deep, course NW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



48.10 And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 60.00 Wash, 30 lks. wide, 3 ft. deep, course W.
 80.00 Asc. gradually, 40 ft.
 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, for cor. of secs. 4, 5, 8 and 9, marked on brass cap



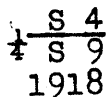
And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, level and rolling.
 Soil, gravelly and rocky, 3rd and 4th rates.
 No timber.
 Undergrowth, greasewood, palo verde, ironwood, cactus and rosin brush.

40.00 East on a random line, bet. secs. 4 and 9.
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence
 S.89°58'W., on a true line, bet. secs. 4 and 9.
 Over gently rolling land, through dense undergrowth.
 Asc.

1.00 Desc. 115 ft.
 15.00 Wash, 10 lks. wide, course SW., from SE. Asc. 20 ft.
 25.00 Desc. 140 ft.

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

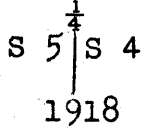


49.00 And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Same wash, 20 lks. wide, 3 ft. deep, course NW. Thence over level land.

Survey of the
Subdivision of T. 11 S., R. 5 W.

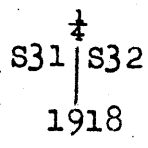
Chains.
63.20 Asc. 20 ft.
65.80 Desc. 30 ft.
80.02 The cor. of secs. 4, 5, 8 and 9.
Land, level and gently rolling.
Soil, 3rd rate; covered with volcanic boulders.
No timber.
Undergrowth, palo verde, greasewood, ocotillo, cholla and giant cactus.

40.00 N.0°2'W., on a random line, bet. secs. 4 and 5.
Set temp. 1/4 sec. cor.
79.92 Intersect N. bdy. of Tp., at the cor. of secs. 4, 5, 32 and 33, hereinbefore described.
Thence
S.0°2'E., on a true line, bet. secs. 4 and 5.
Over level land, through dense undergrowth.
1.40 Wash, 10 lks. wide, course N.80°W.
18.90 Wash, 20 lks. wide, course SW.
29.90 Wash, 100 lks. wide, course S.80°W. Asc. 50 ft.
34.90 Desc. 75 ft.
39.92 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, 2 ft. high, on bed rock, for 1/4 sec. cor., marked on brass cap



Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.
64.90 Wash, 150 lks. wide, 4 ft. deep, course W. Thence over level land.
79.92 The cor. of secs. 4, 5, 9 and 10.
Land, level and rolling.
Soil, 4th rate; covered with volcanic rock.
No timber.
Undergrowth, palo verde, greasewood, ocotillo and giant cactus.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of Tp., described in Book "I",
N.0°3'W., bet. secs. 31 and 32.
Over level land, through dense undergrowth.
0.20 Wash, 20 lks. wide, 1 ft. deep, course N.60°E.
28.30 Wash, 1250 chs. wide, 5 ft. deep, course NW.
34.80 Wash, 50 lks. wide, 4 ft. deep, course NW.
39.60 Enter shallow wash, 40 lks. wide, course E. from S.80°E.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



From which
A mesquite, 8 ins. diam., brs. S.14°E.,
104 lks. dist., marked 1/4 S32 BT.
A mesquite, 6 ins. diam., brs. N.84 1/2°W.,
45 lks. dist., marked 1/4 S31 BT.
43.60 Leave wash, course N.30°W. from S.
61.50 Road, brs. NW. and SE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap

Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.

T11S | R5W
S30 | S29
S31 | S32
1918

Dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.
Land, level.
Soil, sandy and gravelly clay, 1st and 2nd rates.
No timber.
Undergrowth, mesquite, palo verde, greasewood and cat claw.

40.00 East on a random line, bet. secs. 29 and 32.
Set temp. ¼ sec. cor.
79.97 Intersect N. and S., line, 7 lks. N. of the cor. of secs.
28, 29, 32 and 33.
Thence
N. 89° 57' W., on a true line, bet. secs. 29 and 32.
Over mountainous land, through dense undergrowth.
Asc. 105 ft.
13.95 Spur, slopes S. 20° E. Desc. 150 ft.
19.72 Thence over level land.
22.66 Wash, 50 lks. wide, 5 ft. deep, course N.
39.98½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap

½ S29
¼ S32
1918

From which

A mesquite, 8 ins. diam., brs. N. 60¼° W.,
70 lks. dist., marked ¼ S29 BT.
A mesquite, 10 ins. diam., brs. S. 28° W.,
82 lks. dist., marked ¼ S32 BT.
79.97 The cor. of secs. 29, 30, 31 and 32.
Land, level and mountainous.
Soil, sandy and gravelly, 2nd rate; and rocky, 4th rate.
No timber.
Undergrowth, palo verde, mesquite, and greasewood.

40.00 West on a random line, bet. secs. 30 and 31.
Set temp. ¼ sec. cor.
79.32 Intersect W. bdy. of Tp., 9 lks. N. of the cor. of secs.
25, 30, 31 and 36, described in Book "L".
Thence
N. 89° 56' E., on a true line, bet. secs. 30 and 31.
Over level land, through dense undergrowth.
0.32 Wash, 20 lks. wide, course NE.
6.30 Old road, brs. N. 20° E. to Gila Bend and S. 20° W. to Ajo.
11.10 Wash, 20 lks. wide, course N.
27.50 Wash, 2 chs. wide, course NW.
31.00 Wash, 50 lks. wide, 3 ft. deep, course NW.
36.10 Wash, 25 lks. wide, course NW.
38.50 Wash, 25 lks. wide, course NW.
39.32 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap

½ S30
¼ S31
1918

From which

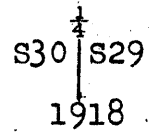
A mesquite, 8 ins. diam., brs. N. 31° E.,
76 lks. dist., marked ¼ S30 BT.
A mesquite, 4 ins. diam., brs. S. 40¼° W.,
33 lks. dist., marked ¼ S31 BT.

Survey of the
Subdivision of T. 11 S., R. 5 W.

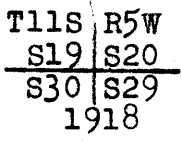
Chains.

41.80 Wash, 20 lks. wide, 5 ft. deep, course NW.
 57.00 Road, brs. NW. and SE.
 79.32 The cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, sandy adobe, 1st rate.
 No timber.
 Undergrowth, mesquite, palo verde and greasewood.

15.00 N.0°3'W., bet. secs. 29 and 30.
 Over level land, through dense undergrowth.
 40.00 Leave level land, brs. N.20°W. and S.10°E. Asc. 145 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, on bed rock, in a mound of stone, 3 ft. base, 2
 ft. high, for ¼ sec. cor., marked on brass cap

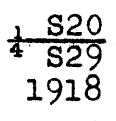


And raise a mound of stone, 2½ ft. base, 2 ft. high, W.
 of cor.
 57.88 Cor. stands on hill, slopes NW. Desc. 175 ft.
 58.48 Foot of hill, brs. NW. and SE. Thence over level land.
 80.00 Wash, 50 lks. wide, 6 ft. deep, course NW.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 19, 20, 29 and 30, marked on
 brass cap



From which
 A mesquite, 12 ins. diam., brs. N.83½°E.,
 53 lks. dist., marked T11S R5W S20 BT.
 No other trees within limits. Dig pits, 18 X 18 X 12 ins.,
 in each sec., 5½ ft. dist.
 Land, level and hilly.
 Soil, sandy adobe, 1st rate; and rocky, 4th rate.
 No timber.
 Undergrowth, mesquite, palo verde, greasewood and cactus.

40.00 East on a random line, bet. secs. 20 and 29.
 79.87 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 9 lks. S. of the cor. of secs.
 20, 21, 28 and 29.
 Thence
 S.89°56'W., on a true line, bet. secs. 20 and 29.
 Over hilly land, through dense undergrowth.
 Desc. 120 ft.
 30.95 Wash, 12 lks. wide, course SW. Thence over level land.
 36.15 Wash, 16 lks. wide, course S.
 39.93½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap



Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.
 Asc.
 45.00 End of spur, slopes S. Desc. 30 ft.
 55.00 Thence over level land.
 79.87 The cor. of secs. 19, 20, 29 and 30.
 Land, level and hilly.

Survey of the
Subdivision of T. 11 S., R. 5 W.

36

Chains.

40.00 West on a random line, bet. secs. 19 and 30.
Set temp. $\frac{1}{4}$ sec. cor.
79.35 Intersect W. bdy. of Tp., 9 lks. N. of the cor. of secs.
19, 24, 25 and 30, described in Book "L". Thence,
N. $89^{\circ}56'$ E., on a true line, bet. secs. 19 and 30.
Over level land, through dense undergrowth.
3.85 Road bds. S. 10 $^{\circ}$ E., and N. $89^{\circ}56'$ E.
38.15 Old road, bds. N. 20° E. and S. 20° W.
39.35 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S19
S30
1918

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

63.85 Wash, 40 lks. wide, 6 ft. deep, course NW.
71.65 Wash, 25 lks. wide, course NW.
79.35 The cor. of secs. 19, 20, 29 and 30.

Land, level.
Soil, sandy adobe, 1st rate.
No timber.
Undergrowth, mesquite, palo verde and greasewood.

40.00 N. $0^{\circ}3'$ W., bet. secs. 19 and 20.
Over level land, through dense undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground, in a mound of stone, 3 ft. base, 2 ft. high, on
bed rock, for $\frac{1}{4}$ sec. cor., marked on brass cap

S19 | S20
1918

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

Asc. gradually.

50.00 Desc.
50.65 Wash, 10 lks. wide, course SW. Asc. 100 ft.
63.60 Spur, slopes SE. Desc. 20 ft.
78.60 Ridge, bds. W. and N. 80° E. Continue descent.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bed rock, in
a mound of stone, 4 ft. base, 3 ft. high, for cor. of
secs. 17, 18, 19 and 20, marked on brass cap

T11S | R5W
S18 | S17
S19 | S20
1918

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

Land, level and mountainous.
Soil, sandy adobe, 1st rate; and rocky, 4th rate.
No timber.
Undergrowth, mesquite, palo verde, greasewood and cactus.

40.00 East on a random line, bet. secs. 17 and 20.
Set temp. $\frac{1}{4}$ sec. cor.
80.34 Intersect N. and S. line, 6 lks. S. of the cor. of secs.
16, 17, 20 and 21.
Thence
S. $89^{\circ}57'$ W., on a true line, bet. secs. 17 and 20.
Over mountainous land, through dense undergrowth.
Asc. 10 ft.

Chains.

2.30 Spur, slopes NW. Descend 210 ft.
 27.60 Wash, 25 lks. wide, course N. Asc. 375 ft.
 38.05 Ridge, brs. N. and S. Desc. 150 ft.
 40.17 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 2½ ft. base, 2 ft. high, on bed rock, for ¼ sec. cor., marked on brass cap

1/4 S17
 1/4 S20
 1918

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

45.60 Wash, 6 lks. wide, course N.60°W. Asc. 15 ft.
 52.00 Ridge, brs. N.80°W. and SE. Desc. 170 ft.
 75.90 Ridge, brs. N.80°E. and SW. Continue descent.
 80.34 The cor. of secs. 17, 18, 19 and 20.
 Land, mountainous.
 Soil, rocky, 4th rate; malpais formation.
 No timber.
 Undergrowth, palo verde, ironwood, greasewood, rosin brush and cactus.

40.00 West on a random line, bet. secs. 18 and 19.
 Set temp. ¼ sec. cor.
 79.15 Intersect W. bdy. of Tp., 12 lks. N. of the cor. of secs. 13, 18, 19 and 24, described in Book "L".

Thence
 N.89°55'E., on a true line, bet. secs. 18 and 19.
 Over level land, through dense undergrowth.
 39.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1/4 S18
 1/4 S19
 1918

Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

61.57 Asc. 170 ft.
 Old road, brs. N. to Gila Bend and S. to Ajo.
 74.65 Ridge, brs. NW. and S.80°E. Desc. 25 ft.
 79.15 The cor. of secs. 17, 18, 19 and 20.
 Land, level and mountainous.
 Soil, sandy adobe, 1st rate; and rocky, 4th rate.
 No timber.
 Undergrowth, mesquite, palo verde, greasewood and cactus.

N.0°3'W., bet. secs. 17 and 18.
 Over mountainous land, through dense undergrowth.
 Desc. 25 ft.

4.18 Gulch, course NW. Asc. 15 ft.
 14.07 Desc. 60 ft.
 26.72 Wash, 10 lks. wide, course N.75°W. Asc. 55 ft.
 33.77 Spur, slopes W. Desc. 80 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bed rock, in a mound of stone, 4½ ft. base, 3 ft. high, for ¼ sec. cor., marked on brass cap

1/4 S18 | S17
 1918

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

43.00 Wash, 12 lks. wide, course W. Asc. 55 ft.
 49.06 Spur, slopes W. Desc. 70 ft.
 55.98 Wash, 10 lks. wide, course W. Asc. 95 ft.

Survey of the
Subdivision of T. 11 S., R. 5 W.

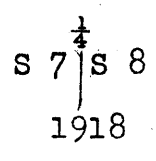
38

Chains. 60.94 80.00	<p>Desc. 110 ft. Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base, 2½ ft. high, for cor. of secs. 7, 8, 17 and 18, marked on brass cap</p> <div style="text-align: center;"> <table border="1"> <tr><td>T11S</td><td>R5W</td></tr> <tr><td>S 7</td><td>S 8</td></tr> <tr><td>S18</td><td>S17</td></tr> <tr><td colspan="2">1918</td></tr> </table> </div> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, greasewood, palo verde, rosin brush and cactus.</p>	T11S	R5W	S 7	S 8	S18	S17	1918	
T11S	R5W								
S 7	S 8								
S18	S17								
1918									
40.00 80.11 10.48 36.24 40.05½	<p>East on a random line, bet. secs. 8 and 17. Set temp. ¼ sec. cor. Intersect N. and S. line, 10 lks. S. of the cor. of secs. 8, 9, 16 and 17. Thence S.89°56'W., on a true line, bet. secs. 8 and 17. Over level land, through dense undergrowth. Wash, 45 lks. wide, 9 ft. deep, course NW. Wash, 25 lks. wide, course N. Asc. 110 ft. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, 2½ ft. base, 1½ ft. high, for ¼ sec. cor., marked on brass cap</p> <div style="text-align: center;"> <table border="1"> <tr><td>¼ S 8</td></tr> <tr><td>¼ S17</td></tr> <tr><td>1918</td></tr> </table> </div> <p>And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p>	¼ S 8	¼ S17	1918					
¼ S 8									
¼ S17									
1918									
42.95 52.57 61.57 66.50 76.47 80.11	<p>Ridge, brs. N. and-S. Desc. 85 ft. Wash, 12 lks. wide, course N. Asc. 25 ft. Spur, slopes N. Desc. 55 ft. Wash, 8 lks. wide, course N. Asc. 45 ft. Spur, slopes N. Desc. 70 ft. The cor. of secs. 7, 8, 17 and 18. Land, level and mountainous. Soil, gravelly and rocky, 3rd and 4th rates. No timber. Undergrowth, palo verde, ironwood, greasewood, rosin brush and cactus.</p>								
40.00 79.12 2.10 9.20 21.55 26.55 39.12	<p>West on a random line, bet. secs. 7 and 18. Set temp. ¼ sec. cor. Intersect W. bdy. of Tp., 15 lks. N. of the cor. of secs. 7, 12, 13 and 18, described in Book "L". Thence N.89°54'E., on a true line, bet. secs. 7 and 18. Over mountainous land, through dense undergrowth. Desc. 15 ft, Gulch, course NW. Asc. 100 ft. Ridge, brs. N. and S. Desc. 240 ft. Wash, 10 lks. wide, course N. Asc. 95 ft. Spur, slopes N. Desc. 145 ft. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on bed rock, in a mound of stone, 3 ft. base, 2½ ft. high, for ¼ sec. cor., marked on brass cap</p> <div style="text-align: center;"> <table border="1"> <tr><td>¼ S 7</td></tr> <tr><td>¼ S 18</td></tr> <tr><td>1918</td></tr> </table> </div> <p>and raise mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p>	¼ S 7	¼ S 18	1918					
¼ S 7									
¼ S 18									
1918									

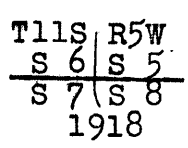
Survey of the
Subdivision of T. 11 S., R. 5 W.

Chains.
 41.65 Wash, 16 lks. wide, course N. Asc. 115 ft.
 45.30 Spur, slopes N. Desc. 45 ft.
 55.15 Asc. 25 ft.
 58.15 Spur, slopes NW. Desc. 30 ft.
 63.90 Asc. 15 ft.
 66.60 Desc. 70 ft.
 76.75 Road, brs. N. to Gila Bend and S. to Ajo.
 77.80 Wash, 16 lks. wide, course N. Asc. 30 ft.
 79.12 The cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, palo verde, greasewood, rosin brush and cactus.

9.98 N. 0°3'W., bet. secs. 7 and 8.
 14.96 Over rolling land, through dense undergrowth.
 40.00 Desc. 40 ft.
 Asc. 25 ft.
 Spur, slopes NW. Desc. 75 ft.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

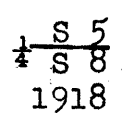


And raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 44.50 Wash, 10 lks. wide, course W.
 50.00 Gulch, course NW.
 57.40 Wash, 40 lks. wide, course W. Thence over level land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling and level.
 Soil, gravelly and rocky, 3rd and 4th rates.
 No timber.
 Undergrowth, mesquite, palo verde, ironwood, greasewood, cactus and rosin brush.

40.00 East on a random line, bet. secs. 5 and 8.
 80.00 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9.
 Thence
 S. 89°57'W., on a true line, bet. secs. 5 and 8.
 Over rolling land, through dense undergrowth.
 Desc. 60 ft.
 14.46 Wash, 25 lks. wide, course NW. Continue gradual descent.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

Survey of the
Subdivision of T. 11 S., R. 5 W.

10

Chains.

44.00 Wash, 40 lks. wide, course NW.
 56.60 Wash, 35 lks. wide, 5 ft. deep, course NW.
 80.00 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, sandy, gravelly and rocky, 3rd and 4th rates.
 No timber.
 Undergrowth, palo verde, ironwood, mesquite, greasewood
 and cactus.

40.00 West on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.15 Intersect W. bdy. of Tp., at the cor. of secs. 1, 6, 7 and
 12, described in Book "L".
 Thence
 East on a true line, bet. secs. 6 and 7.
 Over gently rolling land, through dense undergrowth.
 Desc. gradually.
 19.15 Wash, course NW. Asc. gradually.
 24.15 Dry well, 150 to 200 ft. deep, brs. NW. about 1.50 chs.
 dist.
 39.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 6
 $\frac{1}{4}$ S 7
 1918

From which

A mesquite, 9 ins. diam., brs. N.80°W.,
 153 lks. dist., marked $\frac{1}{4}$ S6 BT.
 A mesquite, 9 ins. diam., brs. S.89 $\frac{1}{2}$ °E.,
 95 lks. dist., marked $\frac{1}{4}$ S7 BT.

39.95 Wash, course NW.
 45.25 Old road, brs. N. to Gila Bend and S. to Ajo.
 69.15 Wash, course NW.
 79.15 The cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, sandy adobe, 1st rate; and rocky, 3rd rate.
 No timber.
 Undergrowth, mesquite, palo verde and greasewood.

40.00 N.0°3'W., on a random line, bet. secs. 5 and 6.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Intersect N. bdy. of Tp., at the cor. of secs. 5, 6, 31 and
 32, hereinbefore described.
 Thence
 S.0°3'E., on a true line, bet. secs. 5 and 6.
 Over level land, through dense undergrowth.
 7.25 Wash, 10 lks. wide, course S.70°W.
 39.84 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 6 | S 5
 1918

Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.
 58.75 Wash, 25 lks. wide, 3 ft. deep, course W.
 79.84 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, sandy loam, 1st rate; and rocky, 3rd rate.
 No timber.
 Undergrowth, mesquite, palo verde, greasewood, and cactus.

Boundaries of T. 11 S., R. 5 W.

Latitudes, departures and closing errors.

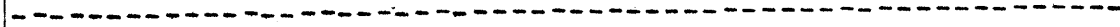
Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary.	S.89°57'W.	479.30		.42		479.30
West Boundary.	North.	480.00	480.00			
North Boundary.	N.89°58'E.	479.33	.28		479.33	
East Boundary.	South.	480.00		480.00		
Convergency					.46	
Totals.			480.28	480.42	479.79	479.30
				480.28	479.30	
Error in latitude				.14		
Error in departure					.49	

GENERAL DESCRIPTION.

This township is nearly all mountainous, and of volcanic formation, difficult to survey, rough and broken. Palo verde, greasewood brush, and scattering mesquite.

No settlers.

Scattering native grass.



CERTIFICATE OF UNITED STATES ~~SURVEYOR~~ ^{TRANSITMAN.}

44

I, Horace M. Muscott, ^{Transitman,} ~~U. S. Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 84, Arizona, bearing date of the 12th day of July, 1917, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision lines of Township 11 South, Range 5 West,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 1 hereof} as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 84, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Horace M. Muscott
U. S. ~~Surveyor~~
Transitman.

Sec. 19 T29 NR 8 W 9 & SR Base
APPROVAL.
May 27, 1920

~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

191

~~The foregoing field notes of the survey of~~

~~executed by~~

~~under his special instructions dated~~, 191, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

~~U. S. Surveyor General.~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~

~~has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General.~~

46

46

TRANSITMAN

JUN 10 1920

CERTIFICATE OF UNITED STATES SURVEYOR

BOOK 3353

I, Loyd E. Sechrist, Transitman, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 84, Arizona, bearing date of the 12th day of July, 1917, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision lines of TOWNSHIP 11 SOUTH, RANGE 5 WEST,

of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 84, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

St. Michaels, Ariz. June 4, 1920

Loyd E. Sechrist U.S. Surveyor Transitman

APPROVAL

Office of the United States Surveyor General

191

The foregoing field notes of the survey of executed by under his special instructions dated 191, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U.S. Surveyor General

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U.S. Surveyor General

48

BOOK 3353

48

CERTIFICATE OF UNITED STATES SURVEYOR, and U.S. CADASTRAL ENGINEER.

I, William H. Thorn, U.S. Surveyor and U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 84, Arizona, bearing date of the 12th day of July, 1917, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the East and North boundaries, and subdivision lines of TOWNSHIP 11 SOUTH, RANGE 5 WEST, of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 84, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona, June 8, 1920.

William H. Thorn, U.S. Surveyor, and U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, June 18 1920.

The foregoing field notes of the survey of the East and North boundaries, and subdivision lines of TOWNSHIP 11 SOUTH, RANGE 5 WEST.

executed by W. H. Thorn, U.S. Surveyor and U.S. Cadastral Engineer, and Loyd E. Sechrist, and Horace M. Muscott, U.S. Transitmen, under special instructions dated July 12, 1917, for Group 84, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Fred R. [Signature] U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.