

3075

Book "E"

4-679

BOOK 3075

DEC 31 1917

207

(1)

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

of

TOWNSHIP 4 SOUTH, RANGE 1 EAST.

3075

3075

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

W. H. Thorn

and

W. G. Shapcott,

In the capacity of U. S. Surveyors, under instructions dated October 8, 1915, issued by the United States Surveyor General to govern surveys included in Group No. 58, which were approved by the Commissioner of the General Land Office, December 17, 1915.

Survey commenced March 11, 1916.

Survey completed March 14, 1916.

3075

BOOK 3075

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- Surveyed under this group--notes in this book.
- ===== Surveyed under this group--notes in book "A".
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Subdivision of T.4 S., R.1 E.

3

Chains

Survey commenced Mar. 11, 1916, and executed with Young and Son's light mountain transits Nos. 8592 and 8521, as described in book "A".

We examine the adjustments of the transits and find them correct, then to test the solar attachments by comparing their indications resulting from solar observations during a.m. and p.m. hours, on a mer. established by observations on Polaris, we proceed as follows:-

Feb. 28, 1916, at a point near camp, in sec. 9, T 3 S., R. 1 E., at 8h. 55m. p.m., l.m.t., we observe Polaris at W.E. in accordance with instructions in the Manual of Surveying.

Feb. 29, we mark the mer. thus determined by a rod set on line 10 chs. N. of our station.

Mar. 5, 1916, at 8h., a.m., l.m.t., we set off 33° 11' N. on the lat. arcs; 5° 59' S. on the decl. arcs; and determine mers. with the solar. The meridians thus determined fall within 1' in azimuth of the mer. determined by observations on Polaris.

At 4h., p.m., l.m.t., we set off 33° 11' N. on the lat. arcs; 5° 51' S. on the decl. arcs; and determine mers. with the solar. The meridians thus determined fall within 1' in azimuth of the mer. determined by observations on Polaris, therefore, we conclude that the adjustments of the transits and solar attachments are satisfactory.

Mar. 11, 1916, at 8h., a.m., l.m.t., I set off 33° 1' N. on the lat. arc; 3° 39' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 31 and 32, S. bdy. of tp. heretofore described.

Thence

N. 0° 1' E. bet. secs. 31 and 32.

Over level land, through scattering timber and undergrowth.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
S 31 ¼ : S 32

1916

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

60.95 Wash, 10 lks. wide, 1 ft. deep, course, NE.

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

T 4 S R 1 E

S 30 : S 29

S 31 : S 32

1916

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, scattering mesquite.

Undergrowth, greasewood 4 to 10 ft. high.

West on a random line bet. secs. 30 and 31.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect G. & S.R.M., at cor. of secs. 25, 30, 31 and 36, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.

Thence

East on a true line bet. secs. 30 and 31.

Over level land, through scattering timber and undergrowth.

Chains	
18.80	Wash, 15 lks. wide, 2 ft. deep, course, N. 20° W.
28.10	Wash, 30 lks. wide, 3 ft. deep, course, N. 10° E.
32.05	Wash, 15 lks. wide, 2 ft. deep, course, N.
39.98	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 30 $\frac{1}{4}$ <u>S 31</u> 1916 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
75.75	Wash, 10 lks. wide, 1 ft. deep, course, NE.
79.96	Cor. of secs. 29, 30, 31 and 32. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite, iron wood and palo verde. Undergrowth, greasewood 4 to 8 ft. high.
	N. 0° 1' E. bet. secs. 29 and 30. Over level land, through scattering timber and undergrowth.
3.40	Wash, 10 lks. wide, 1 ft. deep, course, NE.
16.20	Wash, 12 lks. wide, 1 ft. deep, course, N. 20° E.
36.63	Telephone line parallels S.P.R.R. tracks. 73
38.55	Main line of S.P.R.R. brs. N. 23° 12' E. and S. 23° 12' W.
39.18	Telegraph line, parallels R.R. line.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 30 $\frac{1}{4}$:S 29 1916 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist: and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
41.25	Road, brs. N. 60° E. and S. 75° W.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with brass cap mkd. T 4 S R 1 E <u>S 19:S 20</u> S 30:S 29 1916 dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood 4 to 8 ft. high.
40.00	West on a random line bet. secs. 19 and 30. Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect G. & S.R.M. 2 lks. N. of cor. of secs. 19, 24, 25 and 30, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General. Thence N. 89° 59' E. on a true line bet. secs. 19 and 30. Over level land, through scattering timber and undergrowth.
2.12	Wash, 20 lks. wide, 2 ft. deep, course, N. 10° W.
5.30	Wash, 15 lks. wide, 2 ft. deep, course, N.
39.96	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

Subdivision of T.4 S., R.1 E.

Chains

S 19
1/4
S 30
1916

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

55.12 Wash, 15 lks. wide, 1 ft. deep, course, N. 20° E.
79.92 Cor. of secs. 19, 20, 29 and 30.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood 4 to 8 ft. high.

N. 0° 1' E. bet. secs. 19 and 20.
Over level land, through scattering timber and undergrowth.

35.00 Wash, 8 lks. wide, 1 ft. deep, course, N. 20° E.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. with brass cap mkd.
S 19 1/4 : S 20

1916

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

68.75 Old road to Yuma, brs. N. 80° E. and S. 80° W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.

T 4 S R 1 E.
S 18 : S 17
S 19 : S 20
1916

dig pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level.
Soil, loose sandy clay, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood 4 to 8 ft. high.

West on a random line bet. secs. 18 and 19.
Set temp. 1/4 sec. cor.

40.00 Intersect G. & S.R.M. 6 lks. N. of cor. of secs.
79.89 13, 18, 19 and 24, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.

Thence
N. 89° 57' E. on a true line bet. secs. 18 and 19.
Over level land, through scattering timber and undergrowth.

31.50 Wash, 15 lks. wide, 2 ft. deep, course, N.
39.94 1/2 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. with brass cap mkd.

S 18
1/4
S 19
1916

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

79.89 Cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, mesquite.
Undergrowth, greasewood, 4 to 8 ft. high.

Chains

Mar. 11, 1916, at this cor. I set off 3° 35' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 33° 4' N.

N. 0° 1' E. bet. secs. 17 and 18.

Over level land, through scattering timber and undergrowth.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
S 18 $\frac{1}{4}$:S 17

1916

dig pits 18 X 18 X 12 ins. N, and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T 4 S R 1 E

S 7 :S 8

S 18:S 17

1916

dig pits 18 X 18 X 12 ins. in each sec.. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, scattering mesquite.

Undergrowth, greasewood 4 to 8 ft. high.

West on a random line bet. secs. 7 and 18.

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

79.87 Intersect G.& S.R.M., 11 lks. N. of cor. of secs. 7, 12, 13 and 18, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.

Thence

N. 89° 55' E. on a true line bet. secs. 7 and 18.

Over level land, through scattering timber and undergrowth.

.30 Wash, 20 lks. wide, 2 ft. deep, course, N. 15° E.

5.30 Wash, 10 lks. wide, 2 ft. deep, course, N.

39.93 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 7

$\frac{1}{4}$

S 18

1916

dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

45.30 Wash, 20 lks. wide, 1 ft. deep, course, NE.

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, mesquite.

Undergrowth, greasewood 4 to 8 ft high.

N. 0° 1' E. bet. secs. 7 and 8.

Over level land, through scattering timber and undergrowth.

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

Subdivision of T. 4 S., R. 1 E.

7.

Chains	
80.00	<p style="text-align: center;">S 7 $\frac{1}{4}$:S 8</p> <p style="text-align: center;">1916</p> <p>dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high W. of cor.</p> <p>Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.</p> <p style="text-align: center;">T 4 S R 1 E <u>S 6 :S 5</u> S 7 :S 8</p> <p style="text-align: center;">1916</p> <p>dig pits 18 X 18 X 12 ins. in each sec. 5$\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Land, level. Soil, loose sandy clay, 1st rate. Timber, mesquite. Undergrowth, greasewood 4 to 8 ft. high.</p>
40.00 79.82	<p>West on a random line bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor. Intersect G. & S. R.M., 11 lks. N. of cor. of secs. 1, 6, 7 and 12, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.</p>
39.91	<p>Thence N. 89° 55' E. on a true line bet. secs. 6 and 7. Over level land, through scattering timber and undergrowth Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 6 <u>$\frac{1}{4}$</u> S 7</p> <p style="text-align: center;">1916</p>
79.82	<p>from which, A mesquite, 8 ins. in diam., brs. N. 39$\frac{1}{2}$° W. 39 lks. dist. mkd. $\frac{1}{4}$ S 6 B T. A mesquite, 5 ins. in diam., brs. S. 44° W. 83 lks. dist. mkd. $\frac{1}{4}$ S 7 B T.</p> <p>Cor. of secs. 5, 6, 7 and 8. Land, level. Soil, loose sandy clay, 1st rate. Timber, mesquite. Undergrowth, greasewood.</p>
40.00 79.85	<p>N. 0° 1' E. on a random line bet. secs. 5 and 6. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. bdy. of tp. 19 lks. W. of cor. of secs. 5, 6, 31 and 32, heretofore described.</p>
39.85	<p>Thence S. 0° 9' W. on a true line bet. secs. 5 and 6. Over level land, through scattering timber and undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 6 $\frac{1}{4}$:S 5</p>
79.85	<p style="text-align: center;">1916</p> <p>dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high W. of cor.</p> <p>Cor. of secs. 5, 6, 7 and 8, Land, level. Soil, loose sandy clay, 1st rate. Timber, mesquite. Undergrowth, greasewood.</p>

8

Subdivision of T. 4 S. R. 1 E.

Chains	
	<p>Mar. 13, 1916, at 8h., a.m., l.m.t., I set off 33° 1' N. on the lat. arc; 2° 51' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 32 and 33, heretofore described.</p> <p>Thence N. 0° 1' E. bet. seds. 32 and 33. Over level land, through scattering timber and undergrowth.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 32 $\frac{1}{4}$:S 33</p>
	<p>1916 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high W. of cor.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap mkd. T 4 S R 1 E S 29:S 28 S 32:S 33 1916 dig pits 18 X 18 X 12 ins. in each sec. 5$\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, loose sandy clay, 1st rate, Timber, scattering mesquite. Undergrowth, greasewood, 4 to 8 ft. high.</p>
	<p>West on a random line bet. secs. 29 and 32.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
80.00	<p>Intersect N. and S. line 3 lks. S. of cor. of secs 29, 30, 31 and 32. Thence S. 89° 59' E. on a true line bet. secs. 29 and 32. Over level land, through scattering timber and undergrowth.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 29 $\frac{1}{4}$ S 32 1916 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high N. of cor.</p>
62.30	<p>Wash, 10 lks. wide, 1 ft. deep, course, N. 10° E.</p>
80.00	<p>Cor. of secs. 28, 29, 32 and 33. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood 4 to 8 ft. high.</p>
	<p>N. 0° 1' E. bet. secs. 28 and 29, Over level land, through scattering timber and undergrowth.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 29 $\frac{1}{4}$:S 28</p>
	<p>1916 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high W. of cor.</p>

Subdivision of T.4 S., R.1 E.

Chains

61.01 Telephone line parallels S.P.R.R./tracks. 73'

62.67 Maine line of S.P.R.R., brs. N. 23° 12' E. and S. 23° 12' W.

63.30 Telegraph line parallels S.P.R.R. tracks.

64.65 Road, brs. N. 80° E. and W.

80.00 Section house at Mobile brs. S. 52° 37' W.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

T 4 S R 1 E
S 20:S 21
 S 29:S 28
 1916

dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level.
 Soil, loose sandy clay, 1st rate.
 Timber, mesquite.
 Undergrowth, greasewood 4 to 10 ft. high.

40.00 West on a random line bet. secs. 20 and 29.
 80.00 Set temp. ¼ sec. cor.
 Intersect N. and S. line 1 lk. S. of cor. of secs. 19, 20, 29 and 30.

Thence
 East on a true line bet. secs. 20 and 29.
 Over level land, through scattering timber and undergrowth.

7.20 Wash, 15 lks. wide, 1 ft. deep, course, N.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 20
 +
S 29
 1916

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

80.00 From this cor. section house at Mobile brs. S. 11° 26' E.
 Cor. of secs. 20, 21, 28 and 29.
 Land, level.
 Soil, loose sandy clay, 1strate.
 Timber, mesquite.
 Undergrowth, greasewood 4 to 10 ft. high.

N. 0° 1' E. bet. secs. 20 and 21.
 Over level land, through scattering timber and undergrowth.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 20 ¼:S 21
 1916

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

55.60 Wash, 10 lks. wide, 1 ft. deep, course, N. 30° E.
 79.00 Old road to Yuma, brs. N. 75° E. and W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.

T 4 S R 1 E
S 17:S 16
 S 20:S 21
 1916

10

Subdivision of T.4 S. R.1 E

Chains

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, mesquite.

Undergrowth, greasewood, 4 to 8 ft. high.

40.00

West on a random line bet. secs. 17 and 20.

Set temp. ¼ sec. cor.

79.99

Intersect N. and S. line, 3 lks. S. of cor. of secs. 17, 18, 19 and 20.

Thence

S. 89° 59' E. on a true line bet. secs. 17 and 20.

Over level land, through scattering timber and undergrowth.

39.99½

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 17

¼

S 20

1916

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

43.70

Wash, 10 lks. wide, 1 ft. deep, course, N.

79.99

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, mesquite.

Undergrowth, greasewood 4 to 8 ft. high.

N. 0° 1' E. bet. secs. 16 and 17.

Over level land, through scattering timber and undergrowth.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 17 ¼ : S 16

1916

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

80.00

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass cap mkd.

T 4 S R 1 E

S 8 : S 9

S 17 : S 16

1916

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, mesquite.

Undergrowth, greasewood 4 to 10 ft. high.

40.00

West on a random line bet. secs. 8 and 17.

Set temp. ¼ sec. cor.

80.00

Intersect N. and S. line 2 lks. S. of cor. of secs. 7, 8, 17 and 18.

Thence

S. 89° 59' E. on a true line bet. secs. 8 and 17.

Over level land, through scattering timber and undergrowth.

Subdivision of T.4 S., R.1 E

Chains

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 S 8
 $\frac{1}{4}$
 S 17
 1916
 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

57.00 Wash, 10 lks. wide, 1 ft. deep, course, N.
 71.30 Wash, 10 lks. wide, 1 ft. deep, course, N.
 80.00 Cor. of secs. 8, 9, 16 and 17.
 Land, level.
 Soil, loose sandy clay, 1st rate.
 Timber, mesquite.
 Undergrowth, greasewood, 4 to 8 ft. high.

N. 0° 1' E. bet. secs. 8 and 9.
 Over level land, through scattering timber and undergrowth.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 S 8 $\frac{1}{4}$:S 9
 1916
 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

69.40 Wash, 25 lks. wide, 5 ft. deep, course, N. 60° W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.
 T 4 S R 1 E
 S 5 :S 4
 S 8 :S 9
 1916
 dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level.
 Soil, loose sandy clay, 1st rate.
 Timber, scattering mesquite.
 Undergrowth, greasewood, 4 to 8 ft. high.

West on a random line bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.

40.00 Intersect N. and S. line 5 lks. S. of cor. of secs. 5, 6, 7 and 8.
 79.99 Mar. 13, 1916, at this cor. I set off 2° 48' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 33° 6' N.
 Thence
 S. 89° 58' E. on a true line bet. secs. 5 and 8.
 Over level land, through scattering timber and undergrowth.

39.99 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 S 5
 $\frac{1}{4}$
 S 8
 1916
 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

66.10 Wash, 25 lks. wide, 5 ft. deep, course, N. 45° W.
 79.99 Cor. of secs. 4, 5, 8 and 9.

12

Subdivision of T.4 S. R.1 E.

Chains

Land, level.
Soil, loose sandy clay, 1st rate.
Timber, mesquite.
Undergrowth, greasewood, 4 to 10 ft. high.

40.00 N. $0^{\circ} 1'$ E. on a random line bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
79.92 Intersect N. bdy. of tp. 19 lks. W. of cor. of secs. 4, 5,
32 and 33, heretofore described.
Thence
S. $0^{\circ} 9'$ W. on a true line bet. secs. 4 and 5.
39.92 Over level land, through scattering timber and undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
S $5 \frac{1}{4}$:S 4
1916
dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft.
dist. and raise a mound of earth $3 \frac{1}{2}$ ft. base, $1 \frac{1}{2}$ ft.
high W. of cor.
79.92 Cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, mesquite.
Undergrowth, greasewood, 4 to 8 ft. high.

At the cor. of secs. 33 and 34, S. bdy. of tp. heretofore
described.
Thence
N. $0^{\circ} 2'$ E. bet. secs. 33 and 34.
Over level land, through scattering timber and under-
growth.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
S $33 \frac{1}{4}$:S 34
1916
dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft.
dist. and raise a mound of earth $3 \frac{1}{2}$ ft. base, $1 \frac{1}{2}$ ft.
high W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 27, 28, 33 and 34, with
brass cap mkd.
T 4 S R 1 E
S 28:S 27
S 33:S 34
1916
dig pits 18 X 18 X 12 ins. in each sec. $5 \frac{1}{2}$ ft. dist.
and raise a mound of earth 4 ft. base, 2 ft. high
W. of cor.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood 4 to 10 ft. high.

Mar. 14, 1916, at 8h., a.m., l.m.t., I set off $33^{\circ} 3'$ N. on
the lat. arc; $2^{\circ} 28'$ S. on the decl. arc; and deter-
mine a mer. with the solar at the cor. of secs. 27,
28, 33 and 34.
Thence
West on a random line bet. secs., 28 and 33.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.08 Intersect N. and S. line, 3 lks. N. of cor. of secs.
28, 29, 32 and 33.
Thence
N. $89^{\circ} 59'$ E. on a true line bet. secs. 28 and 33.

Subdivision of T.4 S., R.1 E.

Chains	
40.04	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in dia. the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} S 28 \\ \frac{1}{4} \\ \hline S 33 \end{array}$
	1916
	dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.08	Cor. of secs. 27, 28, 33 and 34.
	Land, level.
	Soil, loose sandy clay, 1st rate.
	Timber, scattering mesquite.
	Undergrowth, greasewood 4 to 8 ft. high.
<hr/>	
	N. 0* 2' E. net. secs. 27 and 28.
	Overlevel land, through scattering timber and undergrowth.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} S 28 \frac{1}{4} : S 27 \\ \hline \end{array}$
	1916
	dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28, with brass cap mkd.
	T 4 S R 1 E.
	$\begin{array}{r} S 21 : S 22 \\ \hline S 28 : S 27 \end{array}$
	1916
	dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level.
	Soil, loose sandy clay, 1st rate.
	Timber, mesquite.
	Undergrowth, greasewood 4 to 8 ft. high.
<hr/>	
	West on a random line bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.15	Intersect N. and S. line 3 lks. N. of cor. of secs. 20, 21, 28 and 29.
	Thence
	N. 89° 59' E. on a true line bet. secs. 21 and 28.
	Over level land, through scattering timber and undergrowth.
40.07 $\frac{1}{2}$	Set an iron post 3ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} S 21 \\ \frac{1}{4} \\ \hline S 28 \end{array}$
	1916
	from which,
	A mesquite 6 ins. in diam., brs. N. 51 $\frac{1}{2}$ ° W. 10 lks. dist. mkd. $\frac{1}{4}$ S 21 B T.
	A mesquite, 12 ins. in diam., brs. S. 6 $\frac{1}{2}$ ° E. 126 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.
52.95	Road, brs. N. 70° E. and S. 70° W.
55.42	Telegraph line parallels S.P.R.R. line.
57.57	Main line of S.P.R.R., brs. N. 73° 12' E. and S. 73° 12' W.
58.77	S.P.R.R. bridge No. 8840 brs. N. 32 lks. dist.
58.88	Wash, 20 lks. wide, 3 ft. deep, course, N.
63.10	Telephone line parallels S.P.R.R. line.

14

Subdivision of T.4 S. R.1 E.

Chains 80.15	<p>Cor. of secs. 21, 22, 27 and 28. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood, 4 to 8 ft. high.</p>
5.13 6.83 7.46 9.40 40.00	<p>N. 0° 2' E. bet. secs. 21 and 22. Over level land, through scattering timber and undergrowth. Telegraph line parallels S.P.R.R. line. Main line S.P.R.R. brs. N. 73° 12' E. and S. 73° 12' W. Telegraph line parallels S.P.R.R. line. Road, brs. E. and W. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 21 $\frac{1}{4}$:S 22</p>
80.00	<p>1916 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high W. of cor. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap mkd. T 4 S R 1 E S 16:S 15 S 21:S 22 1916 dig pits 18 X 18 X 12 ins. in each sec. 5$\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood 4 to 8 ft. high.</p>
40.00 80.22	<p>West on a random line bet. secs. 16 and 21. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line at cor. of secs. 16, 17, 20 and 21. Thence East on a true line bet. secs. 16 and 21. Over level land, through scattering timber and undergrowth.</p>
40.11	<p>Set an iron post 3ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 16:R 1 E $\frac{1}{4}$ S 21 1916 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high N. of cor.</p>
80.22	<p>Cor. of secs. 15, 16, 21 and 22. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood.</p>
17.10	<p>N. 0° 2' E. bet. secs. 15 and 16. Over level land, through scattering timber and undergrowth. Old Yuma road, brs. E. and W.</p>

Subdivision of T.4 S., R.1 E.

Chains
40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
S 16 $\frac{1}{4}$:S 15

1916

dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

74.70
80.00

Wash, 18 lks. wide, 4 ft. deep, course, N. 60° W.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.

T 4 S R 1 E
S 9 :S 10
S 16:S 15

1916

dig pits 18 X 18 X 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, lev'd.
Soil, loose sandy clay, 1st rate.
Timber, mesquite.
Undergrowth, greasewood.

40.00
80.26

West on a random line bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S line at cor. of secs. 8, 9, 16 and 17.
Thence

E ast on a true line bet. secs. 9 and 16.
Over level land, through scattering timber and undergrowth.

40.13

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

S 9
 $\frac{1}{4}$
S 16
1916

dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

59.90
75.00
80.26

Wash, 10 lks. wide, 1 ft. deep, course, N.
Wash, 20 lks. wide, 3 ft. deep, course, NW.
Cor. of secs. 9, 10, 15 and 16.
Land, level.
Soil, loose sandy loam, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood 4 to 8 ft. high.

40.00

N. 0° 2' E. bet. secs. 9 and 10.
Over level land, through scattering timber and undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 9 $\frac{1}{4}$:S 10

1916

dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

58.00
80.00

Wash, 10 lks. wide, 1 ft. deep, course, SW.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.

T 4 S R 1 E
S 4 :S 3
S 9 :S 10

1916

dig pits 18 X 18 X 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high

Chains

W. of cor.
Land, level.
Soil, loose sandy clay, 1st rate,
Timber, mesquite.
Undergrowth, greasewood.

40.00 West on a random line bet. secs. 4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
80.29 Intersect N. and S. line, at cor. of secs. 4, 5, 8 and 9.
Thence

East on a true line bet. secs. 4 and 9.
Over level land, through scattering timber and under-
growth.
40.14 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 4

 $\frac{1}{4}$

S 9

1916

dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft.
dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
high N. of cor.

80.29 Cor. of secs. 3, 4, 9 and 10.
Land, level.
Soil, loose sandy loam, 1st rate.
Timber, mesquite.
Undergrowth, greasewood.

40.00 N. 0° 2' E. on a random line bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.
79.87 Intersect N. bdy. of tp. 12 lks. E. of cor. of secs.
3, 4, 33 and 34, heretofore described.

Thence
S. 0° 3' E. on a true line bet. secs. 3 and 4.
Over level land, through scattering timber and under-
growth.

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

S 4 $\frac{1}{4}$:S 3

1916

dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft.
dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
high W. of cor.

79.87 Cor. of secs. 3, 4, 8 and 9.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, scattering ironwood.
Undergrowth, greasewood.

Mar. 13, 1916, at 8h., a.m., l.m.t., I set off 33° 2' N. on
the lat. arc; 2° 52' S. on the decl. arc; and deter-
mine a mer. with the solar, at the cor. of secs.
34 and 35, S. bdy. of tp. heretofore described.

Thence

40.00 N. 0° 2' E. bet. secs. 34 and 35.
Over level land, through scattering undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

S 34 $\frac{1}{4}$:S 35

1916

dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft.
dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
high W. of cor.

Subdivision of T.4 S., R.1 E.

Chains
80.00

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

T.4 S R 1 E
S 27:S 26
S 34:S 35
1916

dig pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level.
Soil, loose sandy loam, 1st rate.
No timber,
Undergrowth, greasewood 4 to 6 ft. high.

40.00
79.94

West on a random line bet. secs. 27 and 34.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, at cor. of secs. 27, 28, 33 and 34.

Thence
East on a true line bet. secs. 27 and 34.
Over level land, through scattering timber and undergrowth.

20.30
39.97

Wash, 10 lks. wide, 1 ft. deep, course, N.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. with brass cap mkd.

S 27
1/4
S 34
1916

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

54.80
79.94

Wash, 10 lks. wide, 1 ft. deep, course, N.
Cor. of secs. 26, 27, 34 and 35.
Land, level.
Soil, loose sandy loam, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood 4 to 8 ft. high.

40.00

N. 0° 2' E. bet. secs. 26 and 27.
Over level land, through undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. with brass cap mkd.

S 27 1/4:S 26
1916

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

80.00

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

T.4 S R 1 E
S 22:S 23
S 27:S 26
1916

dig pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level.
Soil, sandy, 1st rate.
No timber.
Undergrowth, greasewood and mesquite brush.

40.00

West on a random line bet. secs. 22 and 27.
Set temp. 1/4 sec. cor.

Chains	
79.89	Intersect N. and S. line, at cor. of secs. 21, 22, 27 and 28. Thence East on a true line bet. secs. 22 and 27, Over level land, through scattering timber and undergrowth.
23.70	Wash, 10 lks. wide, 1 ft. deep, course, N.
31.80	Wash, 10 lks. wide, 1 ft. deep, course, N.
39.94½	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. S 22 ¼ S 27 1916 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
79.89	Cor. of secs. 22, 23, 26 and 27. Land, level. Soil, loose sandy clay, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood 4 to 8 ft. high.
	N. 0° 2' E. bet. secs. 22 and 23. Over level land, through scattering timber and undergrowth.
29.20	Telephone line parallels S.P.R.R. line.
30.82	Main line S.P.R.R., brs. N. 73° 16' E. and S. 73° 16' W.
31.51	Telegraph line parallels S.P.R.R. line.
33.80	Road, Maricopa to Gila Bend, brs. N. 70° E. and S. 70° W.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. S 22 ¼ : S 23 1916 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with brass cap mkd. T 4 S R 1 E S 15 : S 14 S 22 : S 23 1916 dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, sandy adobe, 1st rate. Timber, none. Undergrowth, greasewood and mesquite brush. Dec. 13, 1916, at this cor. I set off 2° 48' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 33° 4' N.
40.00	West on a random line bet. secs. 15 and 22. Set temp. ¼ sec. cor.
79.89	Intersect N. and S. line 2 lks. N. of cor. of secs. 15, 16, 21 and 22. Thence N. 89° 59' E. on a true line bet. secs. 15 and 22. Over level land, through scattering timber and undergrowth.
39.94½	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

Subdivision of T.4 S., R.1 E.

Chains

S 15
 $\frac{1}{4}$
 S 22
 1916
 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 79.89 Cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, sandy clay, 1st rate.
 Timber, scattering mesquite.
 Undergrowth, greasewood.
 Mar. 14, 1916, at this cor. at 7h.30m., a.m.; 1; m. t., I set off; 33° 4' N. on the lat. arc; 2° 26' S. on the decl. arc; and determine a mer. with the solar.

N. 0° 2' E. bet. secs. 14 and 15.
 Over level land, through scattering timber and undergrowth.
 27.20 Wash, 10 lks. wide, 6 ft. deep, course, N. 50° W.
 29.00 Old Yuma road, brs. E. and W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
 S 15 ¼ : S 14

1916
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap mkd.
 T 4 S R 1 E
 S 10 : S 11
 S 15 : S 14
 1916
 dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level.
 Soil, adobe and sandy loam, 1st rate.
 Timber, scattering mesquite.
 Undergrowth, greasewood.

West on a random line bet. secs. 10 and 15.
 40.00 Set temp. ¼ sec. cor.
 79.84 Intersect N. and S. line, 2 lks. N. of cor. of secs. 9, 10, 15 and 16.
 Thence
 N. 89° 59' E. on a true line bet. secs. 10 and 15.
 Over level land, through scattering undergrowth.
 39.92 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 10
 $\frac{1}{4}$
 S 15
 1916
 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 62.40 Wash, 10 lks. wide, ½ ft. deep, course, SW.
 79.84 Cor. of secs. 10, 11, 14 and 15.
 Land, level.
 Soil, sandy loam, 1strate.
 No timber.
 Undergrowth, greasewood, and mesquite brush.

20

Subdivision of T.4 S., R.1 E.

Chains

40.00	<p>N. 0° 2' E. bet. secs. 10 and 11. Over level land, through scattering timber and undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 10 $\frac{1}{4}$:S 11</p> <p style="text-align: center;">1916</p> <p>dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high W. of cor.</p>
46.70	Road, brs. N. 30° W. and S. 30° E.
50.00	Wash, 10 lks. wide, 1 ft. deep, course, SW.
60.00	Enter growth, of timber brs, NW. and SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass cap mkd.
	<p>T 4 S R 1 E</p> <p>S 3 :S 2</p> <p>S 10:S 11</p> <p style="text-align: center;">1916</p>
	<p>dig pits 18 X 18 X 12 ins. in each sec. 5$\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate. Timber, palo verde and iron wood. Undergrowth, greasewood, 4 to 6 ft. high.</p>
40.00	West on a random line bet. secs. 3 and 10.
79.85	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 2 lks. N. of secs. 3, 4, 9 and 10. Thence
39.92 $\frac{1}{2}$	<p>N. 89° 59' E. on a true line bet. secs. 3 and 10. Over level land, through scattering timber and undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. S 3 $\frac{1}{4}$ S 10 1916</p> <p>dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high N. of cor.</p>
47.95	Wash, 10 lks. wide, 1 ft. deep, course, SW.
51.85	Road, brs. NW. and SE.
79.85	Cor. of secs. 2, 3, 10 and 11. Land, level. Soil, sandy loam, 1st rate. Timber, iron wood and palo verde. Undergrowth, greasewood. Mar. 14, 1916, at this cor. I set off 2° 25' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 33° 6' N.
40.00	North on a random line bet. secs. 2 and 3.
79.96	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. bdy. of tp. 6 lks. W of cor. of secs. 2, 3, 34 and 35, heretofore described. Thence
	<p>S. 0° 3' W. on a true line bet. secs. 2 and 3, Over level land, through scattering timber and undergrowth.</p>

Subdivision of T.4 S., R.1 E.

Chains
21.56
39.96

Wash, 15 lks. wide, 1 ft. deep, course, SW.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
S 3 $\frac{1}{4}$:S 2

46.16
58.66
79.96

1916
dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
Wash, 15 lks. wide, 1 ft. deep, course, W.
Wash, 20 lks. wide, 1 ft. deep, course, N. 80° W.
Cor. of secs. 2, 3, 10 and 11.
Land, level.
Soil, sandy and gravelly, 2nd rate.
Timber, iron wood and palo verde.
Undergrowth, greasewood and giant cacti.

Mar. 11, 1916, at 8h., a.m., 1.m.t., I set off 33° 2' N. on the lat. arc; 3° 39' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 35 and 36, S. bdy. of tp., heretofore described.
At 8h. 10m., a.m., 1.m.t., I observe Polaris at E.E. in accordance with instructions in the manual of surveying, and lay off the azimuth, 1° 21' to the W. From this mer. I find the bearing of the S. bdy. to be correct, also the mer. determined with the solar apparatus.

40.00

Thence
N. 0° 3' E. bet. secs. 35 and 36.
Over level land, through scattering timber and undergrowth.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
S 35 $\frac{1}{4}$:S 36

80.00

1916
dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T 4 S R 1 E
S 26:S 25
S 35:S 36
1916

from which,
A mesquite, 6 ins. in diam., brs. N. 48° W. 27 lks. dist. mkd. T 4 S R 1 E S 26 B T.
No other trees within limits.

Dig pits 18 X 18 X 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level
Soil, sandy adobe, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood.

40.00
80.04

West on a random line bet. secs. 26 and 35.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line 2 lks. N. of cor. of secs. 26, 27, 34 and 35.
Thence
N. 89° 59' E. on a true line bet. secs. 26 and 35.
Over level land, through scattering timber and undergrowth.

Chains 40.02	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 26 $\frac{1}{4}$ S 35 1916</p> <p style="margin-left: 150px;">dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p>
80.04	<p>Cor. of secs. 25, 26, 35 and 36. Land, level. Soil, sandy adobe, 1st rate. Timber, scattering mesquite. Undergrowth, greasewood. Mar. 13, 1916, at this cor. at 8h. 2m., a.m., 1 m.t., I observe Polaris at E.E. in accordance with instructions in the manual of Surveying, and lay off the azimuth, $1^{\circ} 21'$ to the W. I find the line established by solar observations to be correct.</p>
40.00	<p>East on a true line bet. secs. 25 and 36. Over level land, through scattering undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 25 $\frac{1}{4}$ S 36 1916</p> <p style="margin-left: 150px;">dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p>
83.51	<p>Intersect E. bdy. of tp. 4.72 chs. S. of cor. of secs. 30 and 31, T.4 S., R.2 E., heretofore described. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 25 and 36, with brass cap mkd.</p> <p style="text-align: center;">T 4 S: S 25 : C: C: S 36 : R 1 E: 1916</p> <p style="margin-left: 150px;">dig pits 24 X 18 X 12 ins. crosswise on each line, N. and S. 3 ft. and W. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Land, level. Soil, sandy adobe, 1st rate. No timber. Undergrowth, greasewood.</p>
40.00	<p>N. $0^{\circ} 3'$ E. bet. secs. 25 and 26. Over level land, through scattering timber and undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 26 $\frac{1}{4}$:S 25 1916</p> <p style="margin-left: 150px;">dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.</p>
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.</p> <p style="text-align: center;">T 4 S R 1 E S 23:S 24 S 26:S 25 1916</p>

Subdivision of T.4 S., R.1 E.

Chains

dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, scattering mesquite and iron wood.
 Undergrowth, greasewood and cacti.

40.00 West on a random line bet. secs. 23 and 26.
 Set temp. ¼ sec. cor.
 80.03 Intersect N. and S. line, 2 lks. N. of cor. of secs. 22, 23, 26 and 27.
 Thence

40.01½ N. 89° 59' E. on a true line bet. secs. 23 and 26.
 Over level land, through scattering undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
 S 23
 ¼
 S 26
 1916

80.03 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 Cor. of secs. 23, 24, 25 and 26.
 Land, Level.
 Soil, sandy clay, 1st rate.
 No timber.
 Undergrowth, greasewood and mesquite brush.

40.00 East on a true line bet. secs. 24 and 25.
 Over level land, through scattering timber and undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 24
 ¼
 S 25
 1916
 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

83.39 Intersect E. bdy. of tp. 470 lks. S. of cor. of secs. 19 and 30, T.4 S., R.2 E., heretofore described.
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 24 and 25, with brass cap mkd.

T 4 S:
 S 24 :
 C:
 C:
 S 25 :
 R 1 E:
 1916

dig pits 24 X 18 X 12 ins. crosswise on each line, N. and S. 3 ft. and W. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level
 Soil, sandy loam, 1st rate.
 Timber, scattering mesquite.
 Undergrowth, greasewood 4 to 6 ft. high.

40.00 N. 0° 3' E. bet. secs. 23 and 24.
 Over level land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
 S 23 ¼ : S 24

Chains

dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
 53.82 Telephone line parallels S.P.R.R. line.
 54.94 Main line S.P.R.R., brs. N. 73° 17' E. and S. 73° 17' W.
 55.56 Telegraph line parallels S.P.R.R. line.
 58.00 Road, Maricopa to Gila Bend, brs. N. 70° E. and S. 70° W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

T 4 S R 1 E
S 14: S 13
S 23: S 24
 1916

dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land, level.
 Soil, sandy loam, 1st rate.
 No timber.
 Undergrowth, greasewood and mesquite brush.

40.00 West on a random line bet. secs. 14 and 23.
 80.03 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 4 lks. N. of cor. of secs. 14, 15, 22 and 23.

Thence
 N. 89° 58' E. on a true line bet. secs. 14 and 23.
 Over level land, through scattering undergrowth.
 40.01½ Set an iron post 3ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 14
¼
S 23
 1916

80.03 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 Cor. of secs. 13, 14, 23 and 24.
 Land, level.
 Soil, sandy loam, 1st rate.
 No timber.
 Undergrowth, greasewood.

36.60 East on a true line bet. secs. 13 and 24.
 40.00 Over level land, through scattering undergrowth.
 Road, brs. S. 40° E and N. 40° W.
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

S 13
¼
S 24
 1916

83.27 dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
 Intersect E. bdy. of tp. 471 lks. S. of cor. of secs. 18 and 19, T.4 S., R.2 E., heretofore described.
 Set an iron post 3ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 13 and 24, with brass cap mkd.

T 4 S:
 S 13 :
C:
S C:
 S 24 :
 R 1 E:
 1916

Chains

31.40
40.00

dig pits 24 X 18 X 12 ins. crosswise on each line, N. and S. 3 ft. and W. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level.
Soil, sandy adobe, 1st rate.
No timber.
Undergrowth, greasewood and mesquite brush.

45.00
80.00

N. 0° 3' E. bet. secs. 13 and 14.
Over level land, through scattering timber and undergrowth.
Road brs. N. 40° W. and S. 40° E.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
S 14 ¼ : S 13

40.00
80.05

1916
dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
Mar. 11, 1916; at this cor. I. set off 3° 35' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 33° 5' N.
Old Yuma road, brs. E. and W.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

T 4 S R 1 E
S 11 : S 12
S 14 : S 13

32.40
40.02½

1916
dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level.
Soil, sandy loam, 1st rate.
Timber, scattering mesquite.
Undergrowth, greasewood.

80.05

West on a random line bet. secs. 11 and 14.
Set temp. ¼ sec. cor.
Intersect N. and S. line, 7 lks. N. of cor. of secs. 10, 11, 14 and 15.
Thence
N. 89° 57' E. on a true line bet. secs. 11 and 14.
Over level land, through scattering undergrowth.
Road, brs. N. 30° W. and S. 30° E.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
S 11
¼
S 14
1916
dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
Cor. of secs. 11, 12, 13 and 14.
Land, level.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, greasewood.

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Subdivision of T.4 S. R.1 E.

Chains

- East on a true line bet. secs. 12 and 13.
Over level land, through scattering undergrowth and timber.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- S 12

S 13
1916
- dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 83.20 Intersect E. bdy. of tp. 471 lks. S. of cor. of secs. 7 and 18, T.4 S., R.2 E., heretofore described.
- Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 12 and 13, with brass cap mkd.
- T 4 S:
S 12 :
 C :
 C :
S 13 :
R 1 E:
1916
- dig pits 24 X 18 X 12 ins, crosswise on each line N. and S. 3 ft. and W. of cor, 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level.
Soil, sandy loam, 1st rate.
Timber scattering palo verde.
Undergrowth, greasewood.
-
- N. $0^{\circ} 3'$ E. bet. secs. 11 and 12.
Over level land, through scattering timber and undergrowth.
- 35.40 Wash, 10 lks. wide, 1 ft. deep, course, N. 40° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- S 11 $\frac{1}{4}$: S 12

1916
- dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 70.00 Enter stony land, brs. E. and W.
- 71.70 Wash, 20 lks. wide, 3 ft. deep, course, S. 40° W.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.
- T 4 S R 1 E
S 2 : S 1

S 11 : S 12
1916
- and build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
Land, level to 40 chs. then over gradual SW. slope.
Soil, sandy, gravelly and stony, 2nd and 3rd rates.
Timber, iron wood and palo verde.
Undergrowth, greasewood, ocotillos and cacti.
-
- West on a random line bet. secs. 2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.05 Intersect N. and S. line 4 lks. S. of cor. of secs. 2, 3, 10 and 11.
- Thence
S. $89^{\circ} 58'$ E. on a true line bet. secs. 2 and 11.
Over level land through scattering timber and undergrowth.
- 10.00 Wash, 10 lks. wide, 1 ft. deep, course, S. 40° W.

Chains

40.03

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

1916

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

45.00

Top of spur slopes SW.

Desc. SE. slope of spur, 262 ft. to

60.00

Change to gradual S. slope.

80.03

Cor. of secs. 1, 2, 11 and 12.

Land mountainous and rolling.

Soil, gravelly and stony, 3rd and 4th rates.

Timber, palo verde and iron wood.

Undergrowth, greasewood, ocotillos and giant cacti.

GENERAL DESCRIPTION

This township contains level and rough mountainous land.

The NE. $\frac{1}{4}$ of section 2 and the N. $\frac{1}{2}$ of sec. 1 and the central part of the W. $\frac{1}{2}$ of sec. 13 are mountainous. The remainder of the township is all level land, suitable for agriculture with proper irrigation.

The soil on the level land, is a deep, yellow, rich, sandy clay. The mountains are rough and composed of disintegrated granite and granite stone.

Mesquite, palo verde and iron wood are found along the washes, mesquite being the most plentiful, growing in clumps apart from the washes.

The level land, is covered with an exceptionally tall growth, of greasewood ranging from 4 to 10 ft. high.

There is no water in the township and no settlers.

The main line of the Southern Pacific Ry. runs through sections 24, 23, 22, 21, 28, 29 and 30. Telegraph and telephone lines parallel the tracks on either side.

The section house, foreman's house and six dismantled box cars which are used by the families of the section men are located in section 29. The S.P. Co. has a cistern at Mobile in which is kept a supply of water for the use of the section men.

-00000-

Subdivision of T.4 S., R.1 E.

Chains

DATE DIAGRAM

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

Lines dated in green were surveyed by W.H.Thorn, U.S. Surveyor.
Lines dated in red were surveyed by W.C.Shapcott, U.S. Surveyor.

CERTIFICATES OF UNITED STATES SURVEYORS.

We, W. H. Thorn and W. G. Shapcott, U. S. Surveyors, hereby certify on honor, that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona, for Group No. 58, Arizona, bearing date of October 8th, 1915, we have well, faithfully and truly, in our own proper persons, 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 4 SOUTH, RANGE 1 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes, and by the diagram on the reverse hereof, as having been executed by us, and under our direction; and we do further certify on honor 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 United States Surveyor General of Arizona for Group No. 58, and in the specific manner described in our respective field notes, and that the foregoing are the original field notes in such surveys.

W. H. Thorn
U. S. Surveyor.

W. G. Shapcott,
U. S. Surveyor

By *W. H. Thorn*
U. S. Surveyor.
Chief of Party.

A P P R O V A L .

Phoenix, Arizona, MAY 25 1918

The foregoing field notes of the survey of the Subdivision lines of

TOWNSHIP 4 SOUTH, RANGE 1 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by W. H. Thorn and W. G. Shapcott, U. S. Surveyors, under special instructions dated October 8, 1915, for Group 58, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Frank P. Smith
U. S. Surveyor General of Arizona.

I certify that the foregoing transcript of the field notes of the above-described surveys in Book "E," of Group No. 58, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General of Arizona.