

3073

Book C"

4-679

DEC 31 1917

BOOK 3073

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

of

TOWNSHIP 6 SOUTH, RANGE 1 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

W. C. Shapcott, U. S. Surveyor,

and

W. K. Kierulff, U. S. Transitman,

In the capacity of U. S. Surveyor, 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 December 28, 1915.

Survey completed January 10, 1916.

143
629 (1)

3073

3073

BOOK 3073

3073

INDEX DIAGRAM.

		Township 6 South,				Range 1 East.					
		first	Standard	Parallel	South						
Gila and Salt River Meridian (Resurveyed)	6	29	5	22	4	18	3	13	2	8	1
		29	28		22		17		13		8
	7	28	8	21	9	17	10	12	11	7	12
		28	27		21		17		12		7
	18	27	17	21	16	16	15	11	14	6	13
		26	26		20		16		11		5
	19	25	20	20	21	15	22	10	23	5	24
		25	25		19		15		10		4
	30	24	29	19	28	14	27	9	26	4	25
		24	24		19		14		9		3
31	23	32	18	33	13	34	9	35	3	36	

- Surveyed under this group--notes in this book.
- Surveyed under this group--notes in book "A".
- Surveyed or resurveyed under group No. 38.
- Unsurveyed.

Subdivision of T.6 S., R.1 E.

Chains

Survey commenced Dec. 28, 1915, and executed with a Young and Son's light mountain transit No. 8478 as described in book "A".

I examine the adjustments of the transit and correct the level and collimation errors, Then to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hrs. with a mer. established by observations on Polaris, I proceed as follows;-

Dec. 25, 1915, at a point near camp. in sec. 34 T.6 S., R.1 E., at 7h. 17m., p.m., l.m.t., I observe Polaris at U.C. in accordance with instructions in the Manual of Surveying.

Dec. 26, 1915, I mark the mer. thus determined by a rod set on line 10 chs. N. of my station.

At 8h., a.m., l.m.t., I set off 32° 51' N. on the lat. arc; 23° 21' S. on the decl. arc; and determine a mer. with the solar. The mer. thus determined, falls to the W. of the mer. established by observations on Polaris, less than 1' in azimuth.

At 3 h., p.m., l.m.t., I set off 32° 51' N. on the lat. arc; 23° 21' S. on the decl. arc; and determine a mer. with the solar. The mer. thus determined falls to the W. of the mer. established by observations on Polaris, less than 1' in azimuth. I therefore conclude that the adjustments of the transit and solar attachment are satisfactory.

Dec. 28, 1915, at 8h., a.m., l.m.t., I set off 32° 52' N. on the lat. arc, 23° 17' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 1, 2, 35 and 36, heretofore described.

Thence N. 0° 1' W. bet. secs. 35 and 36.

Over level land, through scattering timber and undergrowth.

40.00

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

S 35 ¼ : S 36
1915

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.

53.95

Wash, 15 lks. wide, 2 ft. deep, course, N. 80° W.

69.55

Wash, 20 lks. wide, 2 ft. deep, course, NW.

73.90

Wash, 20 lks. wide, 2 ft. deep course, NW.

80.00

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 6 S R 1 E

S 26 : S 25

S 35 : S 36

1915

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood.

40.00

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

79.98

Set temp. ¼ sec. cor.

Intersect E. bdy. of tp. 3 lks. S. of 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

S. 89° 59' W. on a true line bet. secs. 25 and 36.

4.

Subdivision of T.6 S., R.1 E.

Chains

14.40
23.20
39.99

Wash, 18 lks. wide, 1 ft. deep, course, NW.
Wash, 15 lks. wide, 1 ft. deep, course, NW.
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 25
 $\frac{1}{4}$
S 36
1915

from which,

A palo verde, 14 ins. in diam., brs. N. 43° W.
124 lks. dist. mkd. $\frac{1}{4}$ sec. 25 B T.

No other trees within limits.
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.

41.40
70.45
79.98

Wash, 18 lks. wide, 2 ft. deep, course, N.
Wash, 13 lks. wide, 2 ft. deep, course, NW.
Cor. of secs. 25, 26, 35 and 36.

Land, level.
Soil, loose sandy clay, 1st rate.
Timber, palo verde, iron wood, cat claw, and mesquite.
Undergrowth, greasewood.

12.25
40.00

N. 0° 1' W. bet. secs. 25 and 26.
Over level land, through timber and undergrowth.
Wash, 12 lks. wide, 2 ft. deep, course, NW.
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 26 $\frac{1}{4}$:S 25
1915

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

45.68
70.30
78.60
80.00

Wash, 20 lks. wide, 1 ft. deep, course, NW.
Wash, 18 lks. wide, 1 ft. deep, course, NW.
Wash, 20 lks. wide, 1 ft. deep, course, NW.
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.

T 6 S R 1 E
S 23:S 24
S 26:S 25
1915

from which,

An iron wood, 8 ins. in diam., brs. S. 24 $\frac{1}{2}$ ° W.
106 lks. dist. mkd. T 6 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, loose sandy clay, 1st rate.
Timber, palo verde, iron wood, mesquite and cat claw.
Undergrowth, greasewood.

Dec. 28, 1915, at this cor. I set off 23° 17' N. on the decl. arc; and at apparent noon observe the sun on the mer. the resulting lat. is 32° 53' N.

40.00
80.04

East on a random line bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of tp. 11 lks. S. 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

S. 89° 55' W. on a true line bet. secs. 24 and 25.
Over level land, through scattering timber and undergrowth.

8.20
14.75

Wash, 30 lks. wide, 1 ft. deep, course, NW.
Wash, 12 lks. wide, 1 ft. deep, course, NW.

Subdivision of T.6 S. R.1 E.

Chains
40.02

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 24

$\frac{1}{4}$
S 25

1915

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.

41.55 Wash, 20 lks. wide, 2 ft. deep, course, NW.

43.55 Wash, 20 lks. wide, 2 ft. deep, course, NW.

49.85 Wash, 15 lks. wide, 1 ft. deep, course, N.

64.90 Wash, 15 lks. wide, 1 ft. deep, course, N.

80.04 Cor. of secs. 23, 24, 25 and 26.
Land, level.

Soil, loose sandy clay, 1st rate.
Timber, palo verde, iron wood, mesquite and cat claw.
Undergrowth, greasewood and cacti,

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

6.10 Wash, 12 lks. wide, 1 ft. deep, course, NW.

25.80 Wash, 10 lks. wide, 1 ft. deep, course, NW.

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 23 $\frac{1}{4}$:S 24

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. 13, 14, 23 and 24, with brass cap mkd.

T 6 S R 1 E

S 14:S 13

S 23 :S 24

1915

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, palo verde, iron wood and mesquite.
Undergrowth, greasewood.

East on a random line bet. secs. 13 and 24.

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

80.04 Intersect E. bdy. of tp. 12 lks. S. of cor. of secs. 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
S. 89° 55' W. on a true line bet. secs. 13 and 24.

Over level land, through timber and undergrowth.

.50 Wash, 15 lks. wide, 1 ft. deep, course, N. 60° W.

7.00 Wash, 30 lks. wide, 3 ft. deep, course, NW.

17.20 Wash, 18 lks. wide, 1 ft. deep, course, NW.

30.65 Wash, 13 lks. wide, 1 ft. deep, course, N.

37.15 Wash, 12 lks. wide, 2 ft. deep, course, NW.

40.02 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 13

$\frac{1}{4}$
S 24

1915

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.

6.

Subdivision of T.6 S., R.1 E.

Chains
43.20
53.90
62.75
71.10
80.04

Wash, 20 lks. wide, 1 ft. deep, course, N.
Wash, 15 lks. wide, 1 ft. deep, course, N.
Wash, 15 lks. wide, 1 ft. deep, course, NW.
Wash, 10 lks. wide, 2 ft. deep, course, N.
Cor. of secs. 13, 14, 23 and 24.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, palo verde, iron wood mesquite and cat claw.
Undergrowth, greasewood and cacti.

Survey commenced Jan. 1, 1916 and executed with a Young and Son's light mountain transit No. 8521, with Smith solar attachment. The horizontal limb is provided with two double verniers, placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the lat. and decl. arcs.

The instrument was approved by A.C. Horton, Jr., Assistant Supervisor of Surveys, at Phoenix, Arizona, Dec. 27, 1915 upon satisfactory field tests.

I examine the adjustments of the transit and find them correct. Then to test the solar attachment by a.m. and p.m. observations on a mer. established by observations on Polaris I proceed as follows:-

Jan. 1, 1916, at a point near camp, in sec. 34 T.6 S., R. 1 E., at 4h. 30m., p.m., l.m.t., I observe Polaris at some place in its orbit and observe the azimuth of the star at this time, referred to a prominent peak, about 20 miles dist. is $149^{\circ} 8'$.

At 6h. 49 $\frac{1}{2}$ m., p.m., l.m.t., I observe Polaris at U.C. in accordance with instructions in the Manual of Surveying. The azimuth of the star referred to said peak is $148^{\circ} 21'$.

Astronomical time of observation.	4h 30m	Jan. 1
Astronomical time from day before	28 30	Dec. 31
U. C. for Dec. 31.	6	53.4
Hour angle	21	36.6

	24	56.1
	21.	36.6

Hour angle	2h 19.5m
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From the ephemeris, the azimuth of Polaris corresponding to this hour angle, is $0^{\circ} 47'$ E. on N.

$149^{\circ} 8' - 0^{\circ} 47' = 148^{\circ} 21'$.

Therefore the true N. point is $148^{\circ} 21'$ from said peak.

Meridians determined by the solar attachment at 9h., a.m., l.m.t., and 4h., p.m., l.m.t., give azimuths to the reference peak, which vary less than 1' in azimuth from the bearing to the peak determined by observations on Polaris. I therefore conclude that the adjustments of the transit and solar attachment are satisfactory.

N. $0^{\circ} 1'$ W. bet. secs. 13 and 14.

Over level land, through timber and undergrowth.

18.83
40.00

Wash, 12 lks. wide, 2 ft. deep, course, NW.
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 14 $\frac{1}{4}$:S 13
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. 11, 12, 13 and 14, with brass cap mkd.

Subdivision of T.6 S. R.1 E.

Chains

T 6 S R 1 E
S 11:S 12
S 14:S 13
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, palo verde and iron wood.
Undergrowth, greasewood 4 to 8 ft. high.

40.00
79.99

East on a random line bet. secs. 12 and 13.
Set temp. ¼ sec. cor.
Intersect E. bdy. of tp. 16 lks. S. 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.

7.96
17.80
28.05
38.05
39.99½

Thence
S. 89° 53' W. on a true line bet. secs. 12 and 13.
Over level land, through timber and undergrowth.
Wash, 10 lks. wide, 1 ft. deep, course, N.
Wash, 15 lks. wide, 1 ft. deep, course, NE.
Wash, 12 lks. wide, 1 ft. deep, course, NE.
Wash, 15 lks. wide, 1 ft. deep, course, NW.
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 12
¼
S 13
1916

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

58.55
70.40
79.99

Wash, 15 lks. wide, 1 ft. deep, course, N.
Wash, 20 lks. wide, 2 ft. deep, course, N.
Cor. of secs. 11, 12, 13 and 14.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, iron wood, palo verde, mesquite and cat claw.
Undergrowth, greasewood.

33.30
38.80
40.00

N. 0° 1' W. bet. secs. 11 and 12.
Over level land, through scattering timber and undergrowth.
Wash, 10 lks. wide, 1 ft. deep, course, NW.
Same wash, course, N. 5° 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 12
1916

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

49.70
76.10
80.00

Same wash, course, NW.
Same wash, course, NE.
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 6 SR 1 E
S 2 :S 1
S 11:S 12
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, palo verde and mesquite.
Undergrowth, greasewood.

Chains

Jan. 3, 1916, at this cor. I set off 22° 53' S. on the decl. arc; and at apparent noon observe the sun on the mer., the resulting lat. is 32° 55' N.

40.00
79.88

East on a random line bet. secs. 1 and 12.
Set temp. 1/4 sec. cor.
Intersect E. bdy. of tp. 16 lks. S. 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.

39.94

Thence
S. 89° 53' W. on a true line bet. secs. 1 and 12.
Over level land, through timber and 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 1
1/4
S 12
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.

63.50
73.50
79.88

Wash, 10 lks. wide, 1 ft. deep, course, N.
Wash, 10 lks. wide, 1 ft. deep, course, N.
Cor. of secs. 1, 2, 11 and 12.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, palo verde and mesquite.
Undergrowth, greasewood.

15.00
30.30
40.00

N. 0° 1' W. on a true line bet. secs. 1 and 2.
Over level land, through scattering timber and undergrowth.
Wash, 70 lks. wide, 5 ft. deep, course, NE.
Wash, 12 lks. wide, 3 ft. deep, course, E.
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 2 1/4 : S 1
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.

57.70
65.80
79.81

Wash, 50 lks. wide, 3 ft. deep, course, NE.
Wash, 25 lks. wide, 3 ft. deep, course, NE.
Intersect 1st standard parallel S. 198 lks. W. of standard cor. of secs. 35 and 36, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 1 and 2, with brass cap mkd.

C: C
S 2: S 1
T 6 S R 1 E
1916

dig pits 24 X 18 X 12 ins. crosswise on each line E. and W. 3 ft. and S. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high S. of cor.

Land, level.
Soil, loose sandy clay, 1st rate.
Timber, palo verde, mesquite and cat claw.
Undergrowth, greasewood 4 to 8 ft. high.

Subdivision of T.6 S., R.1 E.

Chains

Jan. 1, 1916, at 10h., a.m., l.m;t., I set off 32° 51' N. on the lat. arc; 23° 3' S. on the decl. arc; and determine a mer. with the solar, at the cor. of secs, 2, 3, 34 and 35, heretofore described.

Thence
N. 0° 1' W. bet. secs. 34 and 35.
Over level land, through 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 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.

49.70 Wash, 15 lks. wide, 3 ft. deep, course, N. 15° W.
53.00 Same wash, course, NE.
75.75 Same wash, course, N. 30° W.
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 6 S R 1 E
S 27:S 26
S 34:S 35
1916

from which,
A palo verde, 5 ins. in diam., brs. S. 76 $\frac{3}{4}$ ° W. 75 lks. dist. mkd. T 6 S R 1 E S 34 B T.

No other trees within limits.
Dig pits 18 X 18 X 12 ins. in each secs. 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 clay, 1st rate.
Timber, palo verde and mesquite.
Undergrowth, greasewood brush, 4 to 8 ft. high.

East on a randomline bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line 4 lks. S. of cor. of secs. 25, 26, 35 and 36.

Thence
S. 89° 58' W. on a true line bet. secs. 26 and 35.
Over level land, through scattering timber and undergrowth.

5.95 Wash, 25 lks. wide, 2 ft. deep, course, N. 45° W.
15.00 Wash, 12 lks. wide, 1 ft. deep, course, NW.
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 26
 $\frac{1}{4}$
S 35
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.

53.60 Wash, 18 lks. wide, 2 ft. deep, course, NW.
74.80 Wash, 20 lks. wide, 2 ft. deep, course, N. 20° W.
80.00 Cor. of secs. 26, 27, 34 and 35.
Land, level.
Soil, sandy clay, 1st rate.
Timber, palo verde, iron wood, mesquite and cat claw.
Undergrowth, greasewood.

Jan. 1, 1916, at this cor. I set off 23° 3' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resuoting lat. is 32° 53' N.

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

152

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 27 $\frac{1}{4}$: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 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

44.50

Wash, 20 lks. wide, 2 ft. deep, course, N. 10° W.

60.00

Wash, 20 lks. wide, 2 ft. deep, course, N.

75.30

Leave wash, course, N. 30° W.

79.10

Same wash, course, N. 30° E.

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 6 S R 1 E
S 22:S 23
S 27:S 26
1916

from which,

A palo verde, 8 ins. in diam., brs. N. 44° 20' E. 43 lks. dist. mkd. T 6 S R 1 E S 23 B T.

A palo verde, 10 ins. in diam., brs. S. 45 $\frac{1}{4}$ ° E. 83 lks. dist. mkd. T.6 S R 1 E S 26 B T.

A palo verde, 12 ins. in diam., brs. S. 36° W. 4 lks. dist. mkd. T.6 S R 1 E S 27 B T.

A mesquite, 6 ins. in diam., brs. N. 15° W. 197 lks. dist. mkd. T6 S R 1 E S 22 B T.

Land, level.

Soil, sandy clay, 1st rate.

Timber, scattering palo verde, iron wood and mesquite.

Undergrowth, greasewood.

40.00

East on a random line bet. secs. 23 and 26.

80 02

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

Intersect N. and S. line, 5 lks. S. of cor. of secs. 23, 24, 25 and 26.

Thence

S. 89° 58' W. on a true line bet. secs. 23 and 26.

Over level land, through scattering timber and undergrowth.

.40

Wash, 15 lks. wide, 1 ft. deep, course, NW.

1.50

Wash, 12 lks. wide, 2 ft. deep, course, NW.

16.55

Wash, 10 lks. wide, 2 ft. deep, course, NW.

40 .01

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 23
 $\frac{1}{4}$
S 26
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.

55.80

Wash, 25 lks. wide, 2 ft. deep, course, NW.

65.65

Wash, 10 lks. wide, 3 ft. deep, course, N.

79.25

Wash, 18 lks. wide, 1 ft. deep, course, NE.

80.02

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, palo verde, mesquite, iron wood and cat claw.

Undergrowth, greasewood.

40.00

N. 0° 1' W. bet. secs. 22 and 23.

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 22 $\frac{1}{4}$: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 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Subdivision of T 6 S., R. 1 E.

11

Chains	
48.50	Wash, 13 lks. wide, 2 ft. deep, course, NW.
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 6 S R 1 E <u>S 15:S 14</u> 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, loose sandy clay, 1st rate.
	T Timber, scattering palo verde and mesquite.
	Undergrowth, greasewood.
	<hr/>
	East on a random line bet. secs. 14 and 23.
40.00	Set temp. ¼ sec. cor.
80.01	Intersect N. and S. line 6 lks. S. of cor. of secs. 13, 14, 23 and 24,
	Thence
	S. 89° 57' W. on a true line bet. secs. 14 and 23.
	Over level land, through scattering timber and undergrowth
29.05	Wash, 10 lks. wide, 2 ft. deep, course, N.
36.30	Wash, 18 lks. wide, 3 ft. deep, course, NW.
40.00½	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 <u>S 23</u> 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.
61.10	Wash, 13 lks. wide, 3 ft. deep, course, NW.
66.87	Wash, 40 lks. wide, 4 ft. deep, course, N.
80.01	Cor. of secs. 14, 15, 22 and 23.
	Land, level.
	Soil, sandy clay, 1st rate.
	Timber, scattering palo verde and mesquite.
	Undergrowth, greasewood.
	Jan. 3, 1915, at this cor. at 8h.a.m., 1.m.t., I set off 32° 54' N. on the lat. arc; 22° 42' S. on the decl. arc. and determine a mer. with the solar.
	<hr/>
	N. 0° 1' W. bet. secs. 14 and 15.
	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. 15 ¼:S 14. 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.
72.50	Wash, 16 lks. wide, 4 ft. deep, course, NE.
78.20	Wash, 40 lks. wide, 3 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. 10, 11, 14 and 15, with brass cap mkd.
	T 6 S R 1 E <u>S 10:S 11</u> S 15:S 14 1916
	from which,
	A palo verde, 6 ins. in diam., brs. N. 24° E. 104 lks. dist. mkd. T 6 S R 1 E S 11 B T.
	A palo verde, 10 ins. in diam., brs. S. 61° 50' E. 73 lks. dist. mkd. T 6 S R 1 E S 14 B T.

12

Subdivision of T.6 S., R.1 E.

Chains

A palo verde, 8 ins. in diam., brs. S. 79° W.
 146 lks. dist. mkd. T 6 S R 1 E S 15 B T.
 A palo verde, 8 ins. in diam., brs. N 51½° W.
 101 lks. dist. mkd. T 6 S R 1 E S 10 B T.

Land, level.
 Soil, loose sandy clay, 1st rate.
 Timber, palo verde, mesquite and cat claw.
 Undergrowth, greasewood 4 to 8 ft. high.

East on a random line bet. secs. 11 and 14.
 40.00 Set temp. ¼ sec. cor. w
 80.04 Intersect N. and S. line 4 lks. S. of cor. of secs. 11,
 12, 13 and 14.
 Thence
 S. 89° 58' W. on a true line bet. secs. 11 and 14.
 Over level land, through scattering timber and undergrowth.
 31.10 Wash, 15 lks. wide, 2 ft. deep, course, N.
 40.02 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.
 47.20 Wash, 15 lks. wide, 2 ft. deep, course, N.
 55.05 Wash, 45 lks. wide, 5 ft. deep, course, N.
 78.40 Wash, 40 lks. wide, 3 ft. deep, course, NE.
 80.04 Cor. of secs. 10, 11, 14 and 15.
 Land, level.
 Soil, loose sandy clay, 1st rate.
 Timber, palo verde, mesquite and cat claw.
 Undergrowth, greasewood 4 to 8 ft. high.

Jan, 10, 1916, at 8h. 30m., a.m., l.m.t., I set off 32° 55'
 N. on the lat. arc; 22° 3' S. on the decl. arc; and
 determine a mer. with the solar, at the cor. of secs.
 10, 11, 14 and 15.
 Thence
 N. 0° 1' W. bet. secs. 10 and 11.
 3.40 Wash, 150 lks. wide, 4 ft. deep, course, NE.
 40.00 Set an iron post 3ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor. with brass cap mkd.
 S 10 ¼ : S 11
 1916
 dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. d
 dist. and raise a mound of earth 3½ ft. base, 1½ ft.
 high W. of cor.
 58.60 Wash, 90 lks. wide, 4 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. 2, 3, 10 and 11, with
 brass cap mkd.
 T 6 S R 1 E
 S 3 : S 2
 S 10 : S 11
 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, palo verde, mesquite and iron wood.
 Undergrowth, greasewood and cacti.

Subdivision of T. 6 S., R. 1 E.

Chains	East on a random line bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.
40.00	Intersect N. and S. line 6 lks. S. of cor. of secs. 1, 2, 11 and 12.
80.11	Thence S. $89^{\circ} 57'$ W. on a true line bet. secs. 2 and 11.
19.60	Over level land, through scattering timber and undergrowth.
28.40	Wash, 100 lks. wide, 6 ft. deep, course, NE.
40.05 $\frac{1}{2}$	Wash, 30 lks. wide, 4 ft. deep, course, NE. 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.
	$\begin{array}{c} S 2 \\ \frac{1}{4} \\ \hline S 11 \\ 1916 \end{array}$
	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.
69.30	Wash, 50 lks. wide, 5 ft. deep, course, N. 30P E.
80.11	Cor. of secs. 2, 3, 10 and 11. Land, level.
	Soil, loose sandy clay, 1st rate. Timber, palo verde, mesquite and cat claw. Undergrowth, greasewood.
40.00	N. $0^{\circ} 1'$ W. on a true line bet. secs. 2 and 3. 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.
	$\begin{array}{c} S 3 \frac{1}{4} : S 2 \\ 1916 \end{array}$
	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.
79.79	Intersect 1st standard parallel S. 209 lks. W. of standard cor. of secs. 34 and 35, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.
	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 2 and 3, with brass cap mkd.
	$\begin{array}{c} C:C \\ S 3 : S 2 \\ T 6 S R 1 E \\ 1916 \end{array}$
	dig pits 24 X 18 X 12 ins. crosswise on each line, E. and W. 3 ft. and S. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high S. of cor.
	Land, level. Soil, loose sandy clay, 1st rate. Timber, palo verde, mesquite and cat claw. Undergrowth, greasewood.
	Jan. 10, 1916, at this cor. I set off $22^{\circ} 2'$ S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is $32^{\circ} 56'$ N.
40.00	Jan. 4, 1916, at 8h., a.m., l.m.t., I set off $32^{\circ} 52'$ N. on the lat. arc; $22^{\circ} 49'$ S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 3, 4, 33 and 34.
	Thence N. $0^{\circ} 2'$ W. bet. secs. 33 and 34. 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.

14.

Subdivision of T.6 S., R.1 E.

Chains

	<p style="text-align: center;">S 33 $\frac{1}{4}$:S 34 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>
80.00	<p>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.</p> <p style="text-align: center;">T 6 S R 1 E S 28:S 27 S 33:S 34 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 clay, 1st rate. Timber, palo verde and mesquite. Undergrowth, greasewood 4 to 8 ft. high</p>
40.00	<p>East on a random line bet. secs. 27 and 34. Set temp. $\frac{1}{4}$ sec. cor.</p>
80.00	<p>Intersect N. and S. line 9 lks. S. of cor. of secs. 26, 27, 34 and 35. Thence S. 89° 56' W. on a true line bet. secs. 27 and 34. Over level land, through scattering timber and undergrowth.</p>
1.00	Wash, 20 lks. wide, 2 ft. deep, course, N. 15° W.
10.15	Wash, 15 lks. wide, 1 ft. deep, course, N. 20° E.
27.85	Wash, 15 lks. wide, 2 ft. deep, course, NW.
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.</p> <p style="text-align: center;">S 27 $\frac{1}{4}$ S 34 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>
62.30	Wash, 50 lks. wide, 4 ft. deep, course, N.
63.45	Wash, 80 lks. wide, 5 ft. deep, course, N.
80.00	<p>Cor. of secs. 27, 28, 33 and 34. Land, leve. Soil, sandy clay, 1st rate. Timber, palo verde, and mesquite. Undergrowth, greasewood.</p>
35.00	<p>N. 0° 2' W. bet. secs. 27 and 28. Over level land, through scattering timber and undergrowth. Leave level land, asc. S. slope, 28 ft. to</p>
38.47	Spur, slopes E. desc. N. slope, 31 ft. to
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.</p> <p style="text-align: center;">S 28 $\frac{1}{4}$:S 27 1916</p> <p>and build a mound of stone, 3 ft. base, 2 ft. high W. of cor.</p>
43.20	Enter level land.
77.24	Wash, 85 lks. wide, 5 ft. deep, course, N. 30° W.
80.00	<p>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.</p> <p style="text-align: center;">T 6 S R 1 E S 21:S 22 S 28:S 27 1916</p> <p>from which,</p>

Subdivision of T.6 S., R.1 E.

Chains

A palo verde, 6 ins. in diam., brs. S. 58° E.
 49 lks. dist. mkd. T 6 S R 1 E S 27 B T.
 No other trees within limits.
 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, and rolling.
 Soil, loose sandy clay, 1st rate, on level land, remainder
 stony, 3rd rate.
 Timber, palo verde and mesquite.
 Undergrowth, greasewood.

40.00
79.94

East on a random line bet. secs. 22 and 27.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line 10 lks. S. of cor. of secs. 22,
 23, 26 and 27.

39.97

Thence
 S. 89° 56' W. on a true line bet. secs. 22 and 27.
 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 cp 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.

44.15
72.10
79.94

Wash, 15 lks. wide, 1 ft. deep, course, N.
 Wash, 60 lks. wide, 5 ft. deep, course, N.
 Cor. of secs. 21, 22, 27 and 28.
 Land, level.
 Soil loose sandy clay, 1st rate.
 Timber, palo verde and mesquite.
 Undergrowth, greasewood.

10.75
40.00

N. 0° 2' W. bet. secs. 21 and 22.
 Over level land, through scattering timber and undergrowth
 Wash, 90 lks. wide, 5 ft. deep, course, N. 15° 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 21 ¼ : S 22

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.

46.99
52.57
80.00

Leave level land; asc. SW. slope, 22 ft. to
 Spur slopes SE. desc. NE. slope, 29 ft. to
 Enter level land.
 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 6 S R 1 E

S 16 : S 15

S 21 : S 22

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, palo verde and mesquite.
 Undergrowth, greasewood, 6 to 10 ft. high.

16

Subdivision of T.6 S., R.1 E.

Chains

	East on a random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 8 lks. S. of cor. of secs. 14, 15, 22 and 23.
	Thence
	S. $89^{\circ} 57'$ W. on a true line bet. secs. 15 and 22.
	Over level land, through scattering timber and undergrowth.
35.75	Wash, 25 lks. wide, 5 ft. deep, course, NE.
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 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 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
42.65	Wash, 140 lks. wide, 5 ft. deep, course, N. 15° E.
45.30	Asc. SE. slope, 83 ft. to
53.87	Spur slopes NE.
	Thence along N. slope, to
58.00	Asc. NE. slope of same spur, 34 ft. to
63.87	Top of spur, slopes SE. Desc. W. slope, 95 ft. to
70.00	Enter level land,
80.00	Cor. of secs. 15, 16, 21 and 22.
	Land, level and rolling.
	Soil, loose sandy clay, on level land, 1st rate; remainder stony, 3rd rate.
	Timber, palo verde, mesquite and cat claw.
	Undergrowth, greasewood and cacti.
	Jan. 4, 1916, at this cor. I set off $22^{\circ} 48'$ S. on the decl. arc; and at apparent noon, observe the sun on the mer.; the resulting lat. is $32^{\circ} 54'$ N.
	N. $0^{\circ} 2'$ W. bet. secs. 15 and 16.
	Over level land, through scattering timber and undergrowth.
10.00	Leave level land, asc. SE. slope, 44 ft. to
17.67	Spur slopes SW. desc. N. slope, 40 ft. to
22.63	Enter level land.
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
	from which,
	A mesquite, 8 ins. in diam., brs. N. 50° W. 137 lks. dist. mkd. $\frac{1}{4}$ S 16 B T.
	No other trees within limits.
	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.
45.00	Wash, 90 lks. wide, 4 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. 9, 10, 15, and 16, with brass cap mkd.
	T 6 S R 1 E S 9 :S 10 S 16:S 15 1916
	from which,
	A mesquite, 10 ins. in diam., brs. S. 27° W. 38 lks. dist. mkd. T 6 S R 1 E S 16 B T.
	A mesquite, 10 ins. in diam., brs. N. 81° W. 42 lks. dist. mkd. T 6 S R 1 E S 9 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, and hilly.
	Soil, sandy clay, 1st rate, and stony, 3rd rate.
	Timber, palo verde, mesquite, iron wood and cat claw.
	Undergrowth, greasewood and cacti.

Subdivision of T.6 S. R.1 E.

Chains	
40.00	East on a random line bet. secs. 10 and 15.
79.98	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 10 lks. S. of cor. of secs. 10, 11, 14 and 15.
	Thence
	S. $89^{\circ} 56'$ W. on a true line bet. secs. 10 and 15.
3.35	Over level land, through scattering timber and undergrowth.
39.99	Wash, 125 lks. wide, 5 ft. deep, course, N. 30° E. True point for $\frac{1}{4}$ sec. cor. falls in wash, 50 lks. wide
40.50	4 ft. deep, course, NE. therefore at 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.
	$\begin{array}{c} S 10 W C \\ \frac{1}{4} \\ \hline S 15 \\ 1916 \end{array}$
	from which,
	A mesquite, 8 ins. in diam., brs. N. 80° W.
	177 lks. dist. mkd. W C $\frac{1}{4}$ S 10 B T.
	A palo verde, 6 ins. in diam., brs. S. $66\frac{1}{2}^{\circ}$ W.
	88 lks. dist. mkd. W C $\frac{1}{4}$ S 15 B T.
54.25	Wash, 55 lks. wide, 5 ft. deep, course, NE.
79.98	Cor. of secs. 9, 10, 15 and 16. Land, level.
	Soil, loose sandy clay, 1st rate.
	Timber, mesquite, palo verde and cat claw.
	Undergrowth, greasewood 4 to 8 ft. high.
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	N. 0° 2' W. bet. secs. 9 and 10.
1.60	Over level land, through scattering timber and undergrowth.
40.00	Wash, 20 lks. wide, 2 ft. deep, course, NE. 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.
	$\begin{array}{c} S 9 \frac{1}{4} S 10 \\ \frac{1}{4} \\ \hline 1916 \end{array}$
	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	Wash, 25 lks. wide, 2 ft. deep, course, N. 60° E.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.
	$\begin{array}{c} T 6 SR 1 E \\ S 4 : S 3 \\ \hline S 9 : S 10 \\ 1916 \end{array}$
	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 6 to 10 ft. high.
	<hr/>
	East on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line at cor. of secs. 2, 3, 10 and 11.
	Thence
	West on a true line bet. secs. 3 and 10.
	Over level land, through scattering timber and undergrowth.
39.99	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.
	$\begin{array}{c} S 3 \\ \frac{1}{4} \\ \hline S 10 \end{array}$
	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.

Chains

72.65
79.98

Wash, 35 lks. wide, 3 ft. deep, course, NE.
Cor. of secs. 3, 4, 9 and 10.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, palo verde and mesquite.
Undergrowth, greasewood 4 to 8 ft. high.

3.00
11.55
23.03
32.95

N. 0° 2' W. bet. secs. 3 and 4.
Over level land, through scattering timber and undergrowth.
Asc. SE. slope, 107 ft. to
Top of spur slopes SW., desc. NW. slope, 38 ft. to
Top of spur slopes N. 15° E., desc. NW. slope, 82 ft. to
Wash, 15 lks. wide, 2 ft. deep, course, NE.
Enter level land.

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 4 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 1/2 ft. base, 1 ft. high W. of cor.

72.15

Wash, 15 lks. wide, 1 ft. deep, course, E.

77.68

Asc. S. slope, 32 ft. to
Top of spur slopes SW., desc. NW. slope, 11 ft. to

79 80

Intersect 1st standard parallel S. 205 lks. W. of standard cor. of secs. 33 and 34, which is an iron post, 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 3 and 4, with brass cap mkd.

C:C
S 4:S 3
T 6 S R 1 E
1916

dig pits 18 X 18 X 12 ins. crosswise on each line E. and W. 3 ft. and S. of cor; 7 ft. dist. and raise a mound of earth and stone, 4 ft. base, 2 ft. high S. of cor.

Land, level and hilly.
Soil, sandy, gravelly and stony, 1st, 2nd and 3rd rates.
Timber, scattering palo verde and mesquite.
Undergrowth, greasewood and cacti.

40.00

Jan. 5, 1916, at 8h., a.m., l.m.t., I set off 32° 52' N. on the lat. arc; 22° 39' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 4, 5, 32 and 33, S. bdy. of tp. heretofore described.

Thence

N. 0° 2' W. bet. secs. 32 and 33.

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 1/4 sec. cor. with brass cap mkd.

S 32 1/4 : S 33
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.

47.95

Wash, 40 lks. wide, 3 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. 28, 29, 32 and 33, with brass cap mkd.

T 6 S R 1 E
S 29:S 28
S 32:S 33
1916

Subdivision of T.6 S., R.1 E.

Chains		
	<p>Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Land, level.</p> <p>Soil loose sandy clay, 1st rate.</p> <p>Timber, palo verde, mesquite and cat claw.</p> <p>Undergrowth, greasewood 4 to 8 ft. high.</p>	
40.00	<p>East on a random line bet. secs. 28 and 33.</p> <p>Set temp. ¼ sec. cor.</p>	
80.00	<p>Intersect N. and S. line 7 lks. S. of cor. of secs. 27, 28, 33 and 34.</p> <p>Thence</p> <p>S. 89° 57' W. on a true line bet. secs. 28 and 33.</p> <p>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 ¼ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 28 ¼ S 33 1916</p>	
61.10	<p>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.</p>	
80.00	<p>Wash, 40 lks. wide, 4 ft. deep, course, NE.</p> <p>Cor. of secs. 28, 29, 32 and 33.</p> <p>Land, level.</p> <p>Soil, loose sandy clay, 1st rate.</p> <p>Timber, palo verde, mesquite and cat claw.</p>	
40.00	<p>N. 0° 2' W. bet. secs. 28 and 29.</p> <p>Over level land, through scattering timber and undergrowth.</p> <p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.</p> <p style="text-align: center;">S 29 ¼ : S 28 1916</p>	
80.00	<p>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.</p> <p>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.</p> <p style="text-align: center;">T 6 S R 1 E S 20 : S 21 S 29 : S 28 1916</p>	
	<p>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.</p> <p>Land, level.</p> <p>Soil, sandy clay, 1st rate.</p> <p>Timber, scattering palo verde, mesquite and cat claw.</p> <p>Undergrowth, greasewood 4 to 10 ft. high.</p>	
40.00	<p>East on a random line bet. secs. 21 and 28.</p> <p>Set temp. ¼ sec. cor.</p>	
80.02	<p>Intersect N. and S. line 6 lks. S. of cor. of secs. 21 22, 27 and 28.</p> <p>Thence</p> <p>S. 89° 57' W. on a true line bet. secs. 21 and 28.</p> <p>Over level land, through scattering timber and undergrowth.</p>	
1.60	<p>Wash, 85 lks. wide, 5 ft. deep, course, N. 30° W.</p>	
33.20	<p>Wash, 80 lks. wide, 6 ft. deep, course, N.</p>	

Chains

35.30
40.01

Wash, 40 lks. wide, 5 ft. deep, course, NE.
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 28

1916

dig pits 18 X 18 ^A 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.

80.02

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, palo verde, mesquite and cat claw.

Undergrowth, greasewood 6 to 10 ft. high.

N. 0° 2' W. bet. secs. 20 and 21.

Over level land, through scattering timber and undergrowth.

1.20

Wash, 20 lks. wide, 6 ft. deep, course, NE.

30.80

Wash, 50 lks. wide, 4 ft. deep, course, NE.

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 20 $\frac{1}{4}$: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 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

41.10

Wash, 15 lks. wide, 2 ft. deep, course, N. 60° E.

65.10

Wash, 15 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. 16, 17, 20 and 21, with brass cap mkd.

T 6 S R 1 E

S 17:S 16

S 20:S 21

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, palo verde, mesquite, iron wood and cat claw.

Undergrowth, greasewood 4 to 8 ft. high.

Jan. 5, 1916, at this cor. I set off 22° 40' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 32° 54' N.

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

40.00

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

79.96

Intersect N. and S. line 6 lks. S. of cor. of secs. 15, 16, 21 and 22.

Thence

S. 89° 57' W. on a true line bet. secs. 16 and 21.

Over level land, through scattering timber and undergrowth.

29.26

Wash, 110 lks. wide, 4 ft. deep, course, N. 30° E.

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 16

$\frac{1}{4}$

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.

79.96

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

Land, level.

Soil, loose sandy clay, 1st rate.

Timber, palo verde, mesquite and cat claw.

Undergrowth, greasewood 4 to 8 ft. high.

Subdivision of T.6 S., R.1 E.

Chains	
<p>15.00 40.00 47.05 72.95 80.00</p>	<p>Jan. 8, 1916, at 8h., a.m., l.m.t., I set off 32° 55' N. on the lat. arc; 22° 18' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 16, 17, 20 and 21.</p> <p>Thence N. 0° 2' W. bet. secs. 16 and 17. Over level land, through scattering timber and undergrowth. Wash, 20 lks. wide, 1 ft. deep, course, NE.</p> <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 17 $\frac{1}{4}$ S 16 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>Wash, 10 lks. wide, 2 ft. deep, course, E. Wash, 15 lks. wide, 1 ft. deep, course, N. 60° E.</p> <p>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.</p> <p style="text-align: center;">T 6 S R 1 E S 8 : S 9 S 17 : S 16 1916</p> <p>from which, A mesquite, 18 ins. in diam., brs. N. 46° E. 189 lks. dist. mkd. T. 6 S R 1 E S 9 B T. A mesquite, 8 ins. in diam., brs. N. 33$\frac{1}{2}$° W. 197 lks. dist. mkd. T 6 S R 1 E S 8 B T.</p> <p>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.</p> <p>Land, level. Soil, loose sandy clay, 1st rate. Timber, mesquite. Undergrowth, greasewood 6 to 10 ft. high.</p>
<p>40.00 79.99 .75 39.99$\frac{1}{2}$</p>	<p>East on a random line bet. secs. 9 and 16. Set temp. 4 sec. cor. Intersect N. and S. line 7 lks. S. of cor. of secs. 9, 10, 15 and 16.</p> <p>Thence S. 89° 57' W. on a true line bet. secs. 9 and 16. Over level land, through scattering timber and undergrowth, Wash, 20 lks. wide, 2 ft. deep, course, N. 15° E.</p> <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 9 $\frac{1}{4}$ S 16 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> <p>Wash, 20 lks. wide, 1 ft. deep, course, N. 75° E. Cor. of secs. 8, 9, 16 and 17.</p> <p>Land, level. Soil, loose sandy clay, 1st rate. Timber, mesquite. Undergrowth, greasewood brush, 6 to 10 ft. high.</p>
<p>5.00</p>	<p>N. 0° 2' W. bet. secs. 8 and 9. Over level land, through scattering timber and undergrowth. Jan. 8, 1916, at this point, I set off 22° 19' S. on the decl. arc; and at apparent noon, observe the sun on the mer.; the resulting lat. is 32° 55' N.</p>

22.

Subdivision of T.6 S..R.1 E.

Chains

20.70

Wash, 25 lks. wide, 1 ft. deep, course, N. 75° E.

31.85

Wash, 25 lks. wide, 2 ft. deep, course, NE.

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.

64.50

Wash, 15 lks. wide, 2 ft. deep, course, NE.

79.50

Wash, 25 lks. wide, 2 ft. deep, course, N. 60° E.

80.00

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

T 6 S R 1 E

S 5 :S 4

S 8 :S 9

1916

from which,

A mesquite, 8 ins. in diam., brs. N. 56 $\frac{1}{2}$ ° E.

91 lks. dist. mkd. T 6 S R 1 E S 4 B T.

A mesquite, 14 ins. in diam., brs. S. 15 $\frac{1}{2}$ ° W.

80 lks. dist. mkd. T 6 S R 1 E S 8 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, loose sandy clay, 1st rate.

Timber, mesquite.

Undergrowth, greasewood 4 to 8 ft. high.

40.00

East on a random line bet. secs. 4 and 9.

79.98

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

Intersect N. and S. line 7 lks. S. of cor. of secs. 3, 4, 9 and 10.

Thence

S. 89° 57' W. on a true line bet. secs. 4 and 9.

Over level and rolling land.

1.50

Leave level land, asc. SE. slope, 52 ft. to

9.97

Spur slopes SW., desc. W. slope, 34 ft. to

14.94

Enter level land,

24.94

Leave level land, asc. E. slope, 17 ft. to

29.90

Low wpur slopes S.

Thence over gently rolling land.

39.99

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.

52.70

Wash, 25 lks. wide, 2 ft. deep, course, NE.

Asc. gentle E. slope.

59.00

Spur slopes S., thence along, gentle S. slope.

79.98

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

Land, level and rolling.

Soil, loose sandy clay, 1st rate, and stony, 2nd rate.

Timber, palo verde, mesquite, cat claw, and iron wood.

Undergrowth, greasewood and cacti.

12.32

N. 0° 2' W. on a true line bet. secs. 4 and 5.

Over rolling and level land.

Asc. gradual S. slope, 84 ft. to

Top of spur slopes NW., desc. NE. slope, 87 ft. to

Chains

20.50
22.92
29.43
39.32
40.00

Wash, 10 ft. wide, 2 ft. deep, course, E.
Wash, 15 lks. wide, 3 ft. deep, course, SE.
Asc. S. slope, 71 ft. to
Top of spur, slopes E., desc. NW. slope, 92 ft. to
Enter level land.
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.

61.75
79.85

Wash, 40 lks. wide, 1 ft. deep, course, NE.
Intersect 1st standard parallel S. 204 lks. W. of the
standard cor. of secs. 32 and 33, which is an iron
post 3 ins. in diam., properly set mkd. and witnessed
as described by the Surveyor General.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for C.C. of secs. 4 and 5, with brass cap
mkd.

C:C
S 5:S 4
T 6 S R 1 E
1916

dig pits 24 X 18 X 12 ins. crosswise on each line,
E. and W. 3 ft. and S. of cor. 7 ft. dist. and raise
a mound of earth 4 ft. base, 2 ft. high S. of cor.
Land, level.
Soil, loose sandy clay, 1st rate and stony, 3rd rate.
Timber, palo verde, mesquite and iron wood.
Undergrowth, greasewood and cacti.

40.00

Jan. 6, 1916, at 8h., a.m., l.m.t., I set off 32° 52' N. on
the lat. arc; 22° 33' S. on the decl. arc; and deter-
mine a mer. with the solar, at the cor. of secs.
5, 6, 31 and 32, S. bdy. of tp., heretofore described.
Thence
N. 0° 3' W. bet. secs. 31 and 32.
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 31 $\frac{1}{4}$:S 32
1916

from which,
A palo verde, 8 ins. in diam., brs. N. 9° E.
136 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.
A palo verde, 6 ins. in diam., brs. N. 89° W.
86 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.

52.20
80.00

Wash, 18 lks. wide, 3 ft. deep, course, NE.
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 6 S R 1 E
S 30.S 29
S 31:S 32
1916

from which,
A palo verde, 10 ins. in diam., brs. N. 18 $\frac{1}{2}$ ° E.
70 lks. dist. mkd. T 6 S R 1 E S 29 B T.
A palo verde, 8 ins. in diam., brs. S. 58° E.
95 lks. dist. mkd. T.6 S, R 1 E S 32 B T.
A mesquite, 7 ins. in diam., brs. S. 15 $\frac{1}{2}$ ° W.
57 lks. dist. mkd. T 6 S R 1 E S 31 B T.
A mesquite, 8 ins. in diam., brs. N. 68° W.
53 lks. dist. mkd. T 6 S R 1 E S 30 B T.

Land, level.
Soil, loose sandy clay, 1st rate.
Timber, palo verde and mesquite.
Undergrowth, greasewood and sagebrush.

24

Subdivision of T. 6 S. R. 1 E.

Chains

East on a random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. and S. line, 7 lks. S. of cor. of secs.
 28, 29, 32 and 33.
 Thence
 S. $89^{\circ} 57'$ W. on a true line bet. secs. 29 and 32.
 Over level land, through scattering timber and undergrowth.
 39.97 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. 3 ft.
 dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high N. of cor.
 79.94 Cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, loose sandy clay, 1st rate.
 Timber, palo verde and mesquite.
 Undergrowth, greasewood and sagebrush.

West on a random line bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.34 Intersect G. & S.R.M., 13 lks. N. of 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
 N. $89^{\circ} 54'$ E. on a true line bet. secs. 30 and 31.
 38.34 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 31
 1916
 from which,
 A palo verde, 8 ins. in diam., brs, N. $13\frac{1}{2}^{\circ}$ W.
 116 lks. dist. mkd. $\frac{1}{4}$ S 30 B T.
 An iron wood, 6 ins. in diam., brs. S. $20\frac{3}{4}^{\circ}$ E.
 150 lks. dist. mkd. $\frac{1}{4}$ S 31 B T.
 46.24 Wash, 15 lks. wide, 1 ft. deep, course, SE.
 78.34 Cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, sandy clay, 1st rate.
 Timber, palo verde, iron wood and mesquite.
 Undergrowth, greasewood and sagebrush.

N. $0^{\circ} 3'$ W. bet. secs. 29 and 30.
 Over level land, through scattering timber and undergrowth.
 22.10 Wash, 8 lks. wide, 2 ft. deep, course, E.
 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.
 51.35 Wash, 20 lks. wide, 1 ft. deep, course, E.
 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 6 S R 1 E
 S 19:S 20
 S 30:S 29
 1916

Subdivision of T.6 S., R.1 E.

Chains		
	<p>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 and palo verde. Undergrowth, greasewood and sagebrush.</p>	
40.00 79.94	<p>East on a random line bet. secs. 20 and 29. Set temp. ¼ sec. cor. Intersect N. and S. line, 12 lks. S. of cor. of secs. 20, 21, 28 and 29. Thence S. 89° 55' W. bet. secs. 20 and 29. Over level land, through scattering timber and undergrowth. Wash, 20 lks. wide, 6 ft. deep, course, NE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.</p>	
.90 39.97	<p style="text-align: center;">S 20 ¼ — S 29 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 3½ ft. base, 1½ ft. high N. of cor.</p>	
45.05 79.94	<p>Wash, 20 lks. wide, 1 ft. deep, course, NE. Cor. of secs. 19, 20, 29 and 30. Land, level. Soil, loose sandy clay, 1st rate. Timber, palo verde and mesquite. Undergrowth, greasewood 4 to 8 ft. high and sagebrush. Jan, 6, 1916, at this cor. I set off 22° 34' S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is 32° 53' N.</p>	
40.00 78.30	<p>West on a random line bet. secs. 19 and 30. Set temp. ¼ sec. cor. Intersect G. & S.R.M. 14 lks. N. of cor. of secs. 19, 24, 25 and 30, which is an iron post 3 ft. long, 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.</p>	
38.30	<p>Thence N. 89° 54' E. on a true line bet. secs. 19 and 30. 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.</p>	
76.25 78.30	<p style="text-align: center;">S 19 ¼ — S 30 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 3½ ft. base, 1½ ft. high N. of cor.</p>	
	<p>Wash, 25 lks. wide, 1 ft. deep, course, N. Cor. of secs. 19, 20, 29 and 30. Land, level. Soil loose sandy clay, 1st rate. Timber, iron wood and mesquite. Undergrowth, greasewood and sagebrush.</p>	
5.00 25.90 40.00	<p>N, 0° 3' W. bet. secs. 19 and 20. Over level land, through scattering timber and undergrowth. Wash, 25 lks. wide, 1 ft. deep, course, NE. Wash, 15 lks. wide, 1 ft. deep, course, S. 60° 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.</p>	

26. Subdivision of T.6 S. R.1 E.

Chains

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.

50.65
80.00

Wash, 20 lks. wide, 1 ft. deep, course, E.
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 6 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, mesquite and iron wood.
Undergrowth, greasewood 5 to 8 ft. high.

Jan 7, 1916, at 8h., a.m., l.m.t., I set off 32° 54' N. on the lat. arc; 22° 27' S. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 17, 18, 19 and 20. Thence East on a random line bet. secs. 17 & 20.

40.00
79.90

Set temp. 1/4 sec. cor.
Intersect N. and S. line 7 lks. S. of cor. of secs. 16, 17, 20 and 21.

Thence
S. 89° 57' W. on a true line bet. secs. 17 and 20.
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 1/4 sec. cor. with brass cap mkd.

39.95

S 17
1/4
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 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

52.20
59.70
79.90

Wash, 15 lks. wide, 1 ft. deep, course, SE.
Same wash, course, N. 70° E.
Cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, loose, sandy clay, 1st rate.
Timber, mesquite and iron wood.
Undergrowth, greasewood 6 to 10 ft. high.

West on a random line bet. secs. 18 and 19.

40.00
78.24

Set temp. 1/4 sec. cor.
Intersect G. & S.R.M. 14 lks. N. of cor. of secs. 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° 54' E. on a true line bet. secs. 18 and 19.
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 1/4 sec. cor. with brass cap mkd.

38.24

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.

Subdivision of T.6 S., R.1 E.

Chains
78.24

Cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, iron wood and mesquite.
Undergrowth, greasewood 6 to 10 ft. high.

15.00
20.10
30.60
40.00

N. 0° 3' W. bet. secs. 17 and 18.
Over level land, through scattering timber and undergrowth.
Wash, 15 lks. wide, 1 ft. deep, course, E.
Wash, 12 lks. wide, 1 ft. deep, course, NE.
Wash, 15 lks. wide, 1 ft. deep, course, S. 70° E.
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 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 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. 7, 8, 17 and 18, with brass cap mkd.

T 6 S R 1 E
S 7 : S 8
S 18 : S 17
1916

from which,
An iron wood, 14 ins. in diam., brs. N. 41° E. 135 lks. dist. mkd. T 6 S R 1 E S 8 B T.
An iron wood 6 ins. in diam., brs. N. 9 1/4° W. 139 lks. dist. mkd. T 6 S R 1 E S 7 B T.

No other trees within limits.
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, iron wood and mesquite.
Undergrowth, greasewood 6 to 10 ft. high.

40.00
79.94

East on a random line bet. secs. 8 and 17.
Set temp. 4 sec. cor.
Intersect N. and S. line at cor. of secs. 8, 9, 16 and 17.

Thence

West on a true line bet. secs. 8 and 17.
Over level land, through scattering timber and undergrowth.

34.80
39.97

Wash, 15 lks. wide, 1 ft. deep, course, S. 60° E.
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 8
1/4
S 17
1916

from which,
A mesquite, 8 ins. in diam., brs. N. 36 1/2° W. 264 lks. dist. mkd. 1/4 S 8 B T.
A mesquite, 10 ins. in diam., brs. S. 69 1/4° E. 193 lks. dist. mkd. 1/4 S 17 B T.

79.94

Cor. of secs. 7, 8, 17 and 18.
Land, level.
Soil, loose sandy clay, 1st rate.
Timber, mesquite and iron wood.
Undergrowth, greasewood 6 to 10 ft. high.

28

Subdivision of T.6 S. R.1 E.

Chains

	West on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
78.16	Intersect G. & S.R.M. 18 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. $89^{\circ} 52'$ E. on a true line bet. secs. 7 and 18.
	Over level land, through scattering timber and undergrowth.
38.16	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 $\frac{1}{4}$ <u>S 18</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.
78.16	Cor. of secs. 7, 8, 17 and 18.
	Land, level.
	Soil, loose sandy clay, 1st rate.
	Timber, iron wood and mesquite.
	Undergrowth, greasewood.
	N. $0^{\circ} 3'$ W. bet. secs. 7 and 8.
	Over level land, through scattering timber and undergrowth.
34.30	Wash, 20 lks. wide, 1 ft. deep, course, N. 60° E.
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 7 $\frac{1}{4}$: S 8 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. 5, 6, 7 and 8, with brass cap mkd.
	T 6 S R 1 E <u>S 6 : S 5</u> S 7 : S 8 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, iron wood.
	Undergrowth, greasewood and cacti.
	Jan, 7, 1916, at this cor. I set off $22^{\circ} 27'$ S. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is $32^{\circ} 56'$ N.
	East on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line 6 lks. S. of cor. of secs. 4, 5, 8 and 9. Thence
	S. $89^{\circ} 59'$ W. on a true line bet. secs. 5 and 8.
	Over level land, through scattering timber and undergrowth,
5.40	Bend in wash, course, N. 70° E. to S. 75° E.
29.30	Asc. SE. slope of spur, 86 ft. to
39.20	Top of spur slopes S., desc. SW. slope, 69 ft.
39.94	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 $\frac{1}{4}$ <u>S 8</u> 1916

Subdivision of T.6 S., R.1 E.

Chains	
	and build a mound of stone, 2 ft. base, 1½ ft. high N. of cor.
49.90	Enter level land.
62.50	Wash, 15 lks. wide, 2 ft. deep, course, N.
79.88	Cor. of secs. 5, 6, 7 and 8. Land, level and hilly. Soil, loose gravelly clay, 2nd rate. Timber, mesquite, iron wood, palo verde and cat claw.
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40.00	West on a random line bet. secs. 6 and 7. Set temp. ¼ sec. cor.
78.09	Intersect G.&S.R.M. 15 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.
	Thence N. 89° 54' E. on a true line bet. secs. 6 and 7. Over level land, through scattering timber and undergrowth.
12.40	Wash, 20 lks. wide, 2 ft. deep, course, S. 30° E.
19.90	Asc. SW. slope, 168 ft. to
30.70	Top of spur slopes S., desc. SE. slope, 132 ft. to
38.09	Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock, in a mound of stone, 2½ ft. base, 2 ft. high for ¼ sec. cor. with brass cap mkd.
	$\begin{array}{r} S\ 6 \\ \frac{1}{4} \\ \hline S\ 7 \\ 1916 \end{array}$
	Pits impracticable. Build a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Desc. SE. slope, 129 ft. to
53.10	Enter level land.
58.60	Wash, 50 lks. wide, 2 ft. deep, course, N.
78.09	Cor. of secs. 5, 6, 7 and 8. Land, level and hilly. Soil, loose, gravelly clay, 2nd rate, and stony, quartzite, 3rd rate. Timber, iron wood, palo verde and mesquite. Undergrowth, greasewood and cacti.
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	N. 0° 3' W. on a true line bet. secs. 5 and 6. Over level land, through scattering timber and undergrowth.
38.25	Wash, 20 lks. wide, 2ft. deep, course, NE.
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.
	$\begin{array}{r} S\ 6\ \frac{1}{4} : S\ 5 \\ 1916 \end{array}$
	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, 1½ft. high W. of cor.
55.00	Leave level land, asc. S. slope, 13 ft. to
55.98	Spur slopes SE., desc. N. slope, to
59.00	Enter level land.
58.35	Wash, 15 lks. wide, 2 ft. deep, course, NE.
79.81	Intersect 1st standard parallel S. 193 lks. W. of the standard cor. of secs. 31 and 32, which is an iron post 3 ins. in diam., properly set, mkd. and witnessed as described by the Surveyor General.
	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for C.C. of secs. 5 and 6, with brass cap mkd.

Chains

1916
C:C
S 6:S 5
T 6 S R 1 E
1916

dig pits 24 X 18 X 12 ins. crosswise on each line, E. and W., 3 ft. and S. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft high S. of cor.

Land, level.

Soil, loose sandy clay, 1st and 2nd rate.

Timber, iron wood and mesquite.

Undergrowth, greasewood.

GENERAL DESCRIPTION

This township contains level and mountainous land. The soil, ranges from a deep, rich, loose, sandy clay, to a stony, malpais formation in the mts. except sec. 6, the NW. $\frac{1}{4}$ sec. 7, the S. central portions of secs. 3, 4, 5 and some low hills in sec. 15, 16, 27 and 28, The whole township may be classed as agricultural, or suitable for agricultural purposes. There is no water in the township and no forage except that afforded by the mesquite timber along the washes.

Mesquite, palo verde, iron wood and cat claw timber is found in abundance along the washes, mesquite also being found in scattering clumps, elsewhere, throughout the township. An abundant supply of iron wood is found in the sections bordering the E. and W. boundaries, the timber not being confined wholly to the washes.

There are no improvements in the township and no settlers.

BOOK 3078

DATE DIAGRAM

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

Lines dated in green were surveyed by W.G. Shapcott,
U.S. Surveyor.
Lines dated in red were surveyed by W.K. Kierulff,
U.S. Transitman.

CERTIFICATES OF UNITED STATES SURVEYORS.

BOOK 3073

We, W.G. Shapcott, U.S. Surveyor and W.K. Kierulff, U.S. Transitman, 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 the 8th day of October, 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 6 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 U. S. 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. G. Shapcott,
U.S. Surveyor,
By W. H. Johnson
U.S. Surveyor,
Chief of Party.

W. K. Kierulff
U.S. Transitman.

A P P R O V A L .

Phoenix, Arizona, MAY 25 1918

The foregoing field notes of the survey of the Sub-division lines of

TOWNSHIP 6 SOUTH, RANGE 1 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by W. G. Shapcott, U.S. Surveyor, and W.K. Kierulff, U.S. Transitman, 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.

James O. Street
U.S. Surveyor General of Arizona.

I certify that the foregoing transcript of the field notes of the above-described surveyed in Book "C" of Group 58, has been correctly copied from the original notes on file in this office.

James O. Street
U.S. Surveyor General of Arizona.