

2908

Book "R"

4-679

301
MAY 5 - 1911

(Subdivisions)

BOOK 2908

FIELD NOTES

OF THE SURVEY OF THE

PARTIAL SUBDIVISION

OF

TOWNSHIP 7 SOUTH, RANGE 3 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

W. H. Thorn, U. S. Surveyor,

and

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

~~In the capacity of U. S. Surveyor~~, under instructions dated July 29, 1914, issued by the United States Surveyor General to govern surveys included in Group No. 38, which were approved by the Commissioner of the General Land Office, September 5, 1914.

Survey commenced April 21, 1915.

Survey completed April 27, 1915.

Directed under assignment
Instructions dated Sept. 30, 1914.

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Book "R,"
(Subdivisions)
Group 38 - Arizona.

BOOK 2908





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PAPAGO INDIAN RESERVATION

-  Subdivision lines surveyed under this group.
-  Township bdrs.-Notes in Book "B."
-  Accepted surveys.
-  Unsurveyed.

Partial subdivision of T.7 S., R.3 E.

Chains

In the following field notes the initials "W.H.T." and "W.K.K." are inserted at the beginning and end of those portions of the notes describing the surveys by W.H. Thorn, U.S. Surveyor, and W.K. Kierulff, U.S. Transitman, respectively.

W.K.K. Survey commenced Apr. 21, 1915, and executed with a Young and Son's light mountain transit No. 8492, as described in book "A".

From recent tests I know the transit and solar attachment to be in satisfactory adjustment. (See notes of Apr. 11, 1915 in book "B".) Also tested on mer. hereinafter described, on page 18, and found correct.

Apr. 21, 1915, at 8h., a.m., l.m.t., I set off 32° 46' N. on the lat. arc; 11° 39' N. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 35 and 36 on S. bdy. of tp. and N. bdy. of Papago Indian Reservation, described in Book "B." Thence I run, N. 0° 1' W. bet. secs. 35 and 36.

Over rolling land, through scattering palo verde, ocotillos and cacti.

- .10 Wash, 15 lks. wide, 1 ft. deep, course, N. 70° E.
- 7.20 Wash, 15 lks. wide, 1 ft. deep, course, N. 70° E.
- 27.20 Wash, 15 lks. wide, 1 ft. deep, course, N. 70° 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. $\frac{1}{4}$ S 35 on W. and S 36 on E. half, 1915 on S. rim,

from which,

A palo verde, 10 ins. in diam., brs. S. 14 $\frac{3}{4}$ ° W. 130 lks. dist. mkd. $\frac{1}{4}$ S 35 B T.

An iron wood, 12 ins. in diam., brs. S. 38 $\frac{3}{4}$ ° E. 135 lks. dist. mkd. $\frac{1}{4}$ S 36 B T.

- 56.00 Wash, 25 lks. wide, 2 ft. deep, course, N. 70° E.
- 75.25 Wash, 50 lks. wide, 1 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. 25, 26, 35 and 36, with brass cap mkd.

T 7 S R 3 E on N. half
S 25 in NE.
S 36 in SE.
S 35 in SW. and
S 26 in NW. quadrants,
1915 on S. rim,

from which,

A palo verde, 8 ins. in diam., brs. N. 59 $\frac{3}{4}$ ° E. 98 lks. dist. mkd. T 7 S R 3 E S 25 B T.

A palo verde, 6 ins. in diam., brs. S. 63 $\frac{3}{4}$ ° E. 300 lks. dist. mkd. T 7 S R 3 E S 36 B T.

A palo verde 12 ins. in diam., brs. S. 57 $\frac{1}{2}$ ° W. 57 lks. dist. mkd. T 7 S R 3 E S 35 B T.

An iron wood, 20 ins. in diam., brs. N. 28 $\frac{3}{4}$ ° W. 61 lks. dist. mkd. T 7 S R 3 E S 26 B T.

Land, level.
Soil, sand and gravel, 3rd rate.
Timber, iron wood and palo verde.
Undergrowth, greasewood brush and ocotillos.

- 40.00 East on a random line bet. secs. 25 and 36.
- 79.99 Set temp. $\frac{1}{4}$ sec. cor. Intersect E. bdy. of tp. 2 lks. N. of cor. of secs. 25, 30, 31 and 36, described in Book "B." Thence I run N. 89° 59' W. on a true line bet. secs. 25 and 36.

- 39.99 $\frac{1}{2}$ Over rolling land, through greasewood brush and palo verde and iron wood timber. 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.

2. Partial subdivision of T.7 S., R.3 E.

Chains	
	<p>$\frac{1}{4}$ S 25 on N. and S 36 on S. half, 1915 on S. rim,</p> <p>from which,</p> <p>An iron wood, 10 ins. in diam., brs. N. $64\frac{1}{2}^{\circ}$ E. 130 lks. dist. mkd. $\frac{1}{4}$ S 25 B T.</p> <p>An iron wood, 20 ins. in diam., brs. S. $67\frac{3}{4}^{\circ}$ W. 120 lks. dist. mkd. $\frac{1}{4}$ S 36 B T.</p>
41.00	Wash, 50 lks. wide, 1 ft. deep, course, NE.
50.70	Wash, 35 lks. wide, 1 ft. deep, course, NE.
58.20	Wash, 20 lks. wide, 1 ft. deep, course, N. 60° E.
79.99	Cor. of secs. 25, 26, 35 and 36. Land, rolling. Soil, sand and gravel, 3rd rate. Timber, palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti.
	<p>N. 0° 1' W. bet. secs. 25 and 26. Over gently rolling land, through greasewood brush, palo verde and iron wood timber.</p>
1.10	Wash, 25 lks. wide, 2 ft. deep, course, NE.
19.00	Wash, 50 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. $\frac{1}{4}$ S 26 on W. and S 25 on E. half, 1915 on S. rim.
	<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>
61.70	Wash, 15 lks. wide, 2 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. 23, 24, 25, and 26, with brass cap mkd.
	<p>T 7 S R 3 E on N. half, S 24 in NE. S 25 in SE. S 26 in SW. and S 23 in NW. quadrants, 1915 on S. rim.</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, sand and gravel. 3rd rate. Timber, palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. At this cor. I set off $11^{\circ} 42'$ N. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is $32^{\circ} 48'$ N.</p>
	<p>East on a random line bet. secs. 24 and 25.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy. of tp. at cor. of secs. 19, 24, 25 and 30, described in Book "B."
	<p>Thence I run West on a true line bet. secs. 24 and 25. Over gently rolling land, through greasewood brush, ocotillos and cacti, and palo verde and iron wood timber.</p>
24.00	Wash, 25 lks. wide, 1 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. $\frac{1}{4}$ S 24 on N. and S 25 on S. half, 1915 on S. rim.

Partial subdivision of T.7 S., R.3 E.

Chains

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.

52.30 Wash, 10 lks. wide, 1 ft. deep, course, NE.
 67.80 Wash, 20 lks. wide, 1 ft. deep, course, NE.
 80.00 Cor. of secs. 23, 24, 25 and 26.
 Land, gently rolling.
 Soil, gravelly 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.

N. 0° 1' W. bet. secs. 23 and 24.
 Over level land, through greasewood brush and scattering palo verde and iron wood.

3.90 Wash, 25 lks. wide, 2 ft. deep, course, N. 70° E.
 19.40 Wash, 20 lks. wide, 1 ft. deep, course, E.
 30.00 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 ¼ sec. cor. with brass cap mkd.
 ¼ S 23 on W. and
 S 24 on E. half,
 1915 on S. rim.

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.

48.50 Wash, 20 lks. wide, 3 ft. deep, course, NE.
 72.50 Wash, 25 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. 13, 14, 23 and 24, with brass cap mkd.
 T 7 S R 3 E on N. half,
 S 13 in NE.
 S 24 in SE. and
 S 23 in SW. and
 S 14 in NW. quadrants,
 1915 on S. rim.

from which,

An iron wood 18 ins. in diam., brs. N. 63° E.
 225 lks. dist. mkd. T.7 S.R 3 E S 13 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.
 Soil, gravelly 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush.

East on a random line bet. secs. 13 and 24.
 Set temp. ¼ sec. cor.

40.00 Intersect N. bdy. of tp. 4 lks. S. of cor. of secs. 13,
 79.99 18, 19 and 24, described in Book "B."
 Thence I run
 S. 89° 58' W. on a true line bet. secs. 13 and 24.
 Over level land, through greasewood brush and scattering palo verde and iron wood.

24.00 Wash, 25 lks. wide, 2 ft. deep, course, N. 20° E.
 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.
 ¼ S 13 on N. and
 S 24 on S. half,
 1915 on S. rim.

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. 15° E.
 62.30 Wash, 20 lks. wide, 2 ft. deep, course, N. 25° E.
 75.50 Wash, 25 lks. wide, 2 ft. deep, course, N. 25° E.

4.

Partial subdivision of T.7 S., R.3 E.

Chains
79.99

Cor. of secs. 13, 14, 23 and 24.
Land, level.
Soil, gravelly, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush.

Apr. 21, 1915.

Apr. 26, 1915.
N. 0° 1' W. bet. secs. 13 and 14.
Over level land, through greasewood brush and scattering palo verde and iron wood.

33.50
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.
 $\frac{1}{4}$ S 14 on W. and
S 13 on E. half,
1915 on S. rim.

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.

55.00
67.50
80.00

Wash, 10 lks. wide, 2 ft. deep, course, NE.
Wash, 15 lks. wide, 1 ft. deep, course, NE.
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 7 S R 3 E on N. half,
S 12 in NE.
S 13 in SE.
S 14 in SW. and
S 11 in NW. quadrants,
1915 on S. rim.

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, gravelly loam, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush.

40.00
80.00

East on a random line bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of tp. 4 lks. N. of cor. of secs. 7, 12, 13 and 18, described in Book "B.R."

Thence I run
N. 89° 58' W. on a true line bet. secs. 12 and 13.
Over level land, through greasewood brush and scattering palo verde and iron wood.

6.00
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.
 $\frac{1}{4}$ S 12 on N. and
S 13 on S. half,
1915 on S. rim.

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.

71.20
80.00

Wash, 20 lks. wide, 1 ft. deep, course, NE.
Cor. of secs. 11, 12, 13, and 14.
Land, level.
Soil, gravelly loam, 1st rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush.
At this cor. at 9h., a.m., l.m.t., I set off 32° 49' N. on the lat. arc; 13° 19' S. on the decl. arc; and determine a mer. with the solar.

Partial Subdivision of Township 7 South, Range 3 East. 5.

Chains.

N.0°1'W., bet. secs. 11 and 12.
 Over level land, through greasewood brush, and scattering
 of palo verde and ironwood.

7.10 Wash, 10 lks. wide, 2 ft. deep, course NE.

28.10 Wash, 20 lks. wide, 2 ft. deep, course NE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 11 on W., and
 $\frac{1}{4}$ S 12 on E. half;
 1915 on S. rim; from which,
 An ironwood, 14 ins. in diam., brs. N. 38° W., 152
 lks. dist., marked $\frac{1}{4}$ S 11 B T.

Dig pits, 18x18x12 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.

51.30 Wash, 10 lks. wide, 2 ft. deep, course NE.

62.20 Wash, 25 lks. wide, 2 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. 1, 2, 11 and 12, with brass
 cap, marked
 T 7 S R 3 E on N. half;
 S 1 in NE.,
 S 12 in SE.,
 S 11 in SW., and
 S 2 in NW. quadrants;
 1915 on S. rim.

Dig pits 18x18x12 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 loam, 1st rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush, and scattering mesquite.

40.00 East, on a random line, bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect E bdy. of Tp. 6 lks. N. of cor. of secs. 1, 6, 7 and
 12, described in Book "B."
 Thence I run,
 N. 89° 57' W., on a true line, bet. secs. 1 and 12.
 Over level land, through greasewood brush and scattering
 palo verde and ironwood.

39.80 Wash, 35 lks. wide, 2 ft. deep, course N.

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, marked
 $\frac{1}{4}$ S 1 on N., and
 $\frac{1}{4}$ S 12 on S. half;
 1915 on S. rim; from which,
 An ironwood, 18 ins. in diam., brs. N. 71° 45' E., 185
 lks. dist., marked $\frac{1}{4}$ S 1 B T.
 An ironwood, 14 ins. in diam., brs. S. 5° 40' E., 71
 lks. dist., marked $\frac{1}{4}$ S 12 B T.

65.85 Wash, 15 lks. wide, 3 ft. deep, course N. 20° E.

80.06 Cor. of secs. 1, 2, 11 and 12.
 Land, level.
 Soil, sandy loam, 1st rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood brush and scattering mesquite.

N.0°1'W., on a true line, bet. secs. 1 and 2.
 Over level land, through greasewood brush and scattering
 palo verde and ironwood.

32.40 Wash, 35 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, marked
 $\frac{1}{4}$ S 2 on W., and
 $\frac{1}{4}$ S 1 on E. half;
 1915 on S. rim; from which
 An ironwood, 18 ins. in diam., brs. N. 27° 10' W., 390
 lks. dist., marked $\frac{1}{4}$ S 2 B T.

6. Partial Subdivision of Township 7 South, Range 3 East

Chains.

54.56 Intersect S. bdy. of T. 6 S., R. 3 E., 123 lks. W. of cor. of secs. 2, 3, 34 and 35, which is an iron post 3 ft. long, 3 ins. in diam., 1 ft. above ground, marked and witnessed as described by the Surveyor General. Change this cor. to refer to secs. 34 and 35 only by destroying the markings on S side of brass cap; also the pits to the SE. and SW. of cor., and enlarge the pits to the NE. and NW. to 24x24x12 ins., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. At point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 1 and 2, with brass cap, marked

C C S of center,
S 1 in SE., and
S 2 in SW. quadrants;
T 7 S R 3 E on S. half;
1915 on S. rim.

Dig pits 24x18x12 ins. 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.

I change marking on $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 35 in proper manner to make it refer to sec. 35, T. 6 S., R. 3 E. only.

Land, level.
Soil, sandy loam, 1st rate.
Timber, scattering palo verde and ironwood.
Undergrowth, greasewood and scattering mesquite.
April 26, 1915.

April 22, 1915: At 8h. a.m., l.m.t., I set off 32°46' N. on the lat. arc; 11°59' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 34 and 35, on S. bdy. of Tp., and N. bdy. of Papago Indian Reservation, established by me, and described in Book "B."

Thence I run,

N. 0°1' W., bet. secs. 34 and 35.

Over rolling land, through greasewood brush and scattering palo verde and ironwood.

9.00 Wash, 75 lks. wide, 1 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, marked

$\frac{1}{4}$ S 34 on W., and

S 35 on E. half;

1915 on S. rim; from which,

A palo verde, 12 ins. in diam., brs. N. 32° W., 230 lks. dist., marked $\frac{1}{4}$ S 34 B T.

A palo verde, 6 ins. in diam., brs. N. 48 $\frac{1}{2}$ ° E., 172 lks. dist., marked $\frac{1}{4}$ S 35 B T.

46.40 Wash, 30 lks. wide, 1 ft. deep, course E.

57.80 Wash, 50 lks. wide, 1 ft. deep, course E.

76.50 Wash, 50 lks. wide, 1 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. 26, 27, 34 and 35, with brass cap, marked

T 7 S R 3 E on N. half;

S 26 in NE.,

S 35 in SE.,

S 34 in SW., and

S 27 in NW. quadrants;

1915 on S. rim.

Dig pits 18x18x12 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.

Partial subdivision of T.7 S., R.3 E.

Chains

Land, rolling.
Soil, stony 3rd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood brush.

40.00 East on a random line bet. secs. 26 and 35.
79.98 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 5 lks. S. of cor. of secs. 25,
26, 35 and 36,
Thence I run
S. $89^{\circ} 58'$ W. on a true line bet. secs. 26 and 35.
Over gently rolling land, through greasewood brush and
palo verde and iron wood timber.
2.60 Wash, 50 lks. wide, 2 ft. deep, course, NE.
9.00 Old road to Maricopa brs. N. and S.
22.60 Wash, 20 lks. wide, 5 ft. deep, course, NE.
33.80 Wash, 30 lks. wide, 1 ft. deep, course, N.
37.40 Wash, 25 lks. wide, 1 ft. deep, course, NE.
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.

$\frac{1}{4}$ S 26 on N; and
S 35 on S. half,
1915 on S. rim.

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.
45.00 Wash, 35 lks. wide, 1 ft. deep, course, NE.
47.50 Wash, 20 lks. wide, 1 ft. deep, course, NE.
50.40 Wash, 20 lks. wide, 2 ft. deep, course, NE.
60.40 Wash, 30 lks. wide, 3 ft. deep, course, N. 30° E.
68.50 Wash, 30 lks. wide, 1 ft. deep, course, N. 60° E.
73.40 Wash, 30 lks. wide, 1 ft. deep, course, N.
79.98 Cor. of secs. 26, 27, 34 and 35.

Land, gently rolling.
Soil, gravelly, 3rd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood brush.

N. $0^{\circ} 1'$ W. bet. secs. 26 and 27.
Over gently rolling land, through greasewood brush and
palo verde and iron wood timber.
3.80 Wash, 25 lks. wide, 2 ft. deep, course, NE.
13.60 Wash, 30 lks. wide, 2 ft. deep, course, NE.
33.10 Wash, 30 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.
 $\frac{1}{4}$ S 27 on W. and
S 26 on E. half,
1915 on S. rim.

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.
41.50 Wash, 20 lks. wide, 2 ft. deep, course NE.
47.90 Wash, 25 lks. wide, 2 ft. deep, course, NE.
66.70 Wash, 15 lks. wide, 4 ft. deep, course, N. 60° E.
78.20 Wash, 20 lks. wide, 2 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. 22, 23, 26 and 27, with
brass cap mkd.

T 7 S R 3 E on N. half,
S 23 on NE.
S 26 in SE.
S 27 in SW. and
S 22 in NW. quadrants,
1915 on S. rim,

from which,
An iron wood, 12 ins. in diam., brs. N. $79\frac{1}{2}^{\circ}$ E.
150 lks. dist. mkd. T 7 S R 3 E S 23 B T.

8.

Partial subdivision of T.7 S., R.3 E.

Chains

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, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

40.00
79.98

East on a random line bet. secs. 23 and 26.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 4 lks. S. of cor. of secs.
 23, 24, 25, and 26.
 Thence I run
 S. $89^{\circ} 58'$ W. on a true line bet. secs. 23 and 26.
 Over rolling land, through greasewood brush and scattering
 palo verde and iron wood.

17.50
29.10
32.80
39.99

Wash, 25 lks. wide, 2 ft. deep, course, N.
 Wash, 30 lks. wide, 1 ft. deep, course, N.
 Old road, brs. N. and S.
 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.
 $\frac{1}{4}$ S 23 on N. and
 S 26 on S. half,
 1915 on S. rim.

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.

At this cor. I set off $12^{\circ} 2'$ N. on the decl. arc; and
 at apparent noon observe the sun on the mer.; the
 resulting lat. is $32^{\circ} 48'$ N.

55.50
64.75
73.70
79.00
79.98

Wash, 20 lks. wide, 1 ft. deep, course, NE.
 Wash, 20 lks. wide, 3 ft. deep, course, N. 20° E.
 Wash, 20 lks. wide, 4 ft. deep, course, NE.
 Wash, 20 lks. wide, 2 ft. deep, course, NE.
 Cor. of secs. 22, 23, 26 and 27.

Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

N. $0^{\circ} 1'$ W. bet. secs. 22 and 23.
 Over rolling land, through greasewood brush and scattering
 palo verde and iron wood.

7.00
21.70
32.00
40.00

Wash, 75 lks. wide, 1 ft. deep, course, N. 70° E.
 Wash, 75 lks. wide, 1 ft. deep, course, N. 60° E.
 Wash, 25 lks. wide, 3 ft. deep, course, N. 60° E.
 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.
 $\frac{1}{4}$ S 22 on W. and
 S 23 on E half,
 1915 on S. rim,

from which,

An iron wood, 12 ins. in diam., brs. N. $6\frac{1}{4}^{\circ}$ W.
 240 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.
 An iron wood, 14 ins. in diam., brs. S. $33\frac{3}{4}^{\circ}$ E.
 126 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.

52.00
57.70
80.00

Wash, 30 lks. wide, 2 ft. deep, course, NE.
 Wash, 50 lks. wide, 2 ft. deep, course, N. 70° E.
 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. 7 S R 3 E on N. half,
 S 14 in NE.
 S 23 in SE.
 S 22 in SW. and,
 S 15 in NW. quadrants,
 1915 on S. rim,

from which,

Partial subdivision of T.7 S., R.3 E.

Chains

A palo verde, 10 ins. in diam., brs. N. 19° E.
 192 lks. dist. mkd. T 7 S R 3 E S 14 B T.
 An iron wood, 18 ins. in diam., brs. S. 64° 20' E.
 209 lks. dist. mkd. T 7 S R 3 E S 23 B T.
 A palo verde, 14 ins. in diam., brs. S. 23° 40' W.
 173 lks. dist. mkd. T 7 S R 3 E S 22 B T.
 An iron wood, 36 ins. in diam., brs. N. 33 $\frac{3}{4}$ ° W.
 87 lks. dist. mkd. T 7 S R 3 E S 15 B T.

Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

Apr. 22, 1915.

40.00
80.01

Apr. 26, 1915, at 1h., p.m., l.m.t., I set off 32° 48 $\frac{1}{2}$ ' N. on the lat. arc; 13° 22' N. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 14, 15, 22 and 23.

Thence I run
 East on a random line bet. secs. 14 and 23.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, 8 lks. S. of cor. of secs. 13, 14, 23 and 24.

25.80
33.10
40.00 $\frac{1}{2}$

Thence I run
 S. 89° 57' W. on a true line bet. secs. 14 and 23.
 Over gently rolling land, through greasewood brush and palo verde and iron wood timber.
 Wash, 10 lks. wide, 2 ft. deep, course, NE.
 Wash, 15 lks. wide, 3 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.
 $\frac{1}{4}$ S 14 on N. and
 S 23 on S. half,
 1915 on S. rim.,

from which,
 An iron wood, 36 ins. in diam., brs. N. 79° W.
 127 lks. dist. mkd. $\frac{1}{4}$ S 14 B T.
 A palo verde 10 ins. in diam., brs. S. 77 $\frac{3}{4}$ ° W.
 165 lks. dist. mkd. $\frac{1}{4}$ S 23 B T.

45.70
69.04
76.60
80.01

Wash, 30 lks. wide, 4 ft. deep, course, N. 20° E.
 Wash, 15 lks. wide, 2 ft. deep, course, N. 20° E.
 Wash, 20 lks. wide, 2 ft. deep, course, NE.
 Cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, gravelly, 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

Apr. 26, 1915.

17.80
25.00
40.00

Apr. 27, 1915, at 7h., 30m., a.m., l.m.t., I set off 32° 48 $\frac{1}{2}$ ' N. on the lat. arc; 13° 38' N. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 14, 15, 22 and 23.

Thence I run
 N. 0° 1' W. bet. secs. 14 and 15.
 Over level land, through greasewood brush and scattering palo verde and iron wood timber.

Wash, 20 lks. wide, 2 ft. deep, course, E.
 Wash, 30 lks. wide, 2 ft. deep, course, N. 70° E.
 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.
 $\frac{1}{4}$ S 15 on W. and
 S 14 on E. half,
 1915 on S. rim.,

from which,
 An iron wood, 18 ins. in diam., brs. S. 72° 10' W.
 200 lks. dist. mkd. $\frac{1}{4}$ S 15 B T.
 An iron wood, 12 ins. in diam., brs. N. 2 $\frac{1}{4}$ ° E.
 78 lks. dist. mkd. $\frac{1}{4}$ S 14 B T.

10.

Partial subdivision of T.7 S. R.3 E.

Chains

43.20

Wash, 50 lks. wide, 2 ft. deep, course, N. 70° E.

68.10

Wash, 50 lks. wide, 2 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 7 S R 3 E on N. half,

S 11 in NE.

S 14 in SE.

S 15 in SW. and

S 10 in NW. quadrants,

1915 on S. rim,

from which,

A palo verde, 10 ins. in diam, brs. N. 24½° E.

108 lks. dist. mkd. T 7 S R 3 E S 11 B T.

An iron wood, 30 ins. in diam., brs. S. 4¾° W.

113 lks. dist. mkd. T 7 S R 3 E S 15 B T.

An iron wood, 10 ins. in diam., brs. N. 72°20' W.

120 lks. dist. mkd. T 7 S R 3 E S 10 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.

Soil, sandy loam; 2nd rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood brush and scattering mesquite,

40.00

East on a random line bet. secs. 11 and 14.

80.02

Set temp. ¼ sec. cor.

Intersect N. and S. line, 9 lks. S. of cor. of secs.

11, 12, 13 and 14.

Thence I run

S. 89° 56' W. on a true line bet. secs. 11 and 14.

Over level land, through greasewood brush and palo verde and iron wood.

7.00

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

37.70

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

40.01

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

¼ S 11 on N. and

S 14 on S. half,

1915 on S. rim.

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.

56.50

Wash, 50 lks. wide, 3 ft. deep, course, NE.

61.80

Wash, 100 lks. wide, 2 ft. deep, course, NE.

80.02

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

Land, level.

Soil, sandy loam, 1st rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood brush.

N. 0° 1' W. bet. secs, 10 and 11.

Over level land, through greasewood brush and palo verde and iron wood timber.

24.30

Wash, 20 lks. wide, 1 ft. 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.

¼ S 10 on W. and

S 11 on E. half,

1915 on S. rim,

from which,

A palo verde, 10 ins. in diam, brs. S. 77° W.

137 lks. dist. mkd. ¼ S 10 B T.

A palo verde, 18 ins. in diam., brs. N. 21° E.

198 lks. dist. mkd. ¼ S 11 B T.

Partial Subdivision of Township 7 South, Range 3 East 11

Chains.

- 69.60 Wash, 100 lks.wide, 5 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,marked
 T 7 S R 3 E on N.half;
 S 2 in NE.,
 S 11 in SE.,
 S 10 in SW., and
 S 3 in NW. quadrants;
 1915 in S.rim; from which,
 A palo verde, 18 ins. in diam., brs.S.52°W.,140 lks.dist., marked T 7 S R 3 E S 10 B T.
 No other trees within limits.
 Dig pits 18x18x12 ins., in each sec.5½ ft. dist.,and raise a mound of earth 4½ ft. base, 2 ft. high,W.of cor. Land,level.
 Soil, sandy loam, 1st rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush and scattering mesquite.
-
- 40.00 East, on a random line, bet. secs. 2 and 11.
 Set temp.¼ sec.cor.
 79.98 Intersect N. and S. line, 10 lks.S. of cor.of secs.1,2, 11 and 12.
 Thence I run,
 S 89° 56' W., on a true line, bet. secs.2 and 11.
 Over level land, through greasewood brush and palo verde and ironwood timber.
- 10.00 Wash, 35 lks.wide, 2 ft. deep, course NE.
 31.40 Wash, 20 lks.wide, 2 ft.deep, course NE.
 39.99 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., with brass cap, marked
 ¼ S 2 on N., and
 S 11 on S.half;
 1915 on S.rim; from which,
 An ironwood,12 ins. in diam., brs.N.85°25'E., 150 lks.dist., marked ¼ S 2 B T.
 A palo verde,12 ins. in diam., brs.S.64½°W., 132 lks.dist., marked ¼ S 11 B T.
- 47.60 Wash, 20 lks.wide, 2 ft. deep, course NE.
 79.98 Cor.of secs.2,3,10 and 11.
 Land,level.
 Soil, sandy loam, 1st rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush and scattering mesquite.
-
- N.0° 1'W. on a true line, bet. secs.2 and 3.
 Over level land, through greasewood brush and palo verde and ironwood timber.
- 17.80 Wash, 15 lks.wide,3 ft.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, marked
 ¼ S 3 on W., and
 S 2 on E.half;
 1915 on S.rim;
 dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high,W. of cor.
- 54.40 Intersect S. bdy.of T.6 S.,R.3 E. 161 lks.W.of true point for cor.of secs.3,4,33 and 34,(witness cor.,an iron post 3 ft.long, 3 ins.indiam.,1 ft.above ground, marked and witnessed as described by the Surveyor General, is 35 lks.E. of cor. point).
 I change this witness cor.to refer to cor.of secs.33 and 34,T.6 S.,R.3 E.only by destroying markings on the S. half of brass cap, also the pits SE. and SW.of cor., and enlarge the pits NE. and NW. of cor. to 24x24x12ins. and raise a mound of earth 4 ft.base,2 ft.high,N.of cor.

12. Partial Subdivision of Township 7 South Range 3 East.

Chains.	
	At point of intersection, I set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 2 and 3, with brass cap, marked C C S. of center, S 2 in SE., and S 3 in SW. quadrants; T 7 S R 3 E on S. half; 1915 on S. rim; from which, A palo verde, 12 ins. in diam., brs. S. 62° 40' E., 54 lks. dist., marked T 7 S R 3 E S 2 B T. A palo verde, 18 ins. in diam., brs. S 89° 30' W., 31 lks. dist., marked T 7 S R 3 E S 3 B T. I change markings on $\frac{1}{2}$ sec. cor. on S. bdy. of sec. 34, in proper manner to make it refer to sec. 34, T. 6 S., R. 3 E. only. Land, level. Soil, sandy loam, 1st rate. Timber, palo verde and ironwood. Undergrowth, greasewood brush and scattering mesquite. At this cor., I set off 13° 41' N. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 51' N. April 27, 1915.
	Apr. 25, 1915: At 8h. a.m., l.m.t., I set off 32° 46' N. on the lat. arc; 12° 59' N. on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 4, 33 and 34 on S. bdy. of Tp., being the NW. cor. of Papago Indian Reservation, described in Book "B." Thence I run, N. 0° 2' W., bet. secs. 33 and 34. Over rolling land, through greasewood brush and palo verde and ironwood timber, 7.00 Wash, 150 lks. wide, 1 ft. deep, course N. 30° E. 19.60 Wash, 75 lks. wide, 2 ft. deep, course NE. 22.70 Wash, 25 lks. wide, 5 ft. deep, course NE. 32.70 Wash, 25 lks. wide, 5 ft. deep, course E. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., with brass cap, marked S 33 on W., and S 34 on E. half; 1915 on S. rim; from which, A palo verde, 8 ins. in diam., brs. N. 22° W., 69 lks. dist., marked $\frac{1}{2}$ S 33 B T. A palo verde, 10 ins. in diam., brs. S. 40° E., 112 lks. dist., marked $\frac{1}{2}$ S 34 B T. 53.00 Wash, 10 lks. wide, 1 ft. deep, course NE. 69.00 Wash, 50 lks. wide, 2 ft. deep, course NE. 76.00 Wash, 50 lks. wide, 5 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. 27, 28, 33 and 34, with brass cap, marked T 7 S R 3 E on N. half; S 27 in NE., S 34 in SE., S 33 in SW., and S 28 in NW. quadrants; 1915 on S. rim; from which A palo verde, 8 ins. in diam., brs. N. 31° E., 120 lks. dist., marked T 7 S R 3 E S 27 B T. A palo verde, 10 ins. in diam., brs. S. 85° E., 33 lks. dist., marked T 7 S R 3 E S 34 B T. A palo verde, 12 ins. in diam., brs. S. 50° W., 85 lks. dist., marked T 7 S R 3 E S 33 B T. A palo verde, 12 ins. in diam., brs. N. 65° W., 61 lks. dist., marked T 7 S R 3 E S 28 B T.

Partial subdivision of T.7 S. R.3 E.

Chains

Land, rolling.
Soil, gravelly and stony, 4th rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood brush.

40.00
79.97

East on a random line bet. secs. 27 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 8 lks. N. of cor. of secs.
26, 27, 34 and 35.

Thence I run
N. $89^{\circ} 57'$ W. on a true line bet. secs. 27 and 34.
Over rolling land, through greasewood brush and palo verde
and iron wood timber.

12.40
22.80
26.90
37.70
39.98 $\frac{1}{2}$

Wash, 25 lks. wide, 2 ft. deep, course, N. 20° E.
Wash, 50 lks. wide, 6 ft. deep, course, N. 20° E.
Wash, 10 lks. wide, 3 ft. deep, course, NE.
Wash, 10 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.

$\frac{1}{4}$ S 27 on N. and
S 34 on S. half,
1915 on S. rim,

from which,

A palo verde, 12 ins. in diam., brs. N. 29° E.
260 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.

A palo verde, 10 ins. in diam., grs. S. $78\frac{1}{2}^{\circ}$ E.
120 lks. dist. mkd. $\frac{1}{4}$ S 34 B T.

48.50
67.00
78.70
79.97

Wash, 75 lks. wide, 3 ft. deep, course, NE.
Wash, 50 lks. wide, 1 ft. deep, course, N.
Wash, 20 lks. wide, 3 ft. deep, course, N.
Cor. of secs. 27, 28, 33 and 34.

Land, level.
Soil, sand and gravel, 3rd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood brush.

N. $0^{\circ} 2'$ W. bet. secs. 27 and 28.
Over rolling land, through greasewood brush and palo
verde and iron wood timber.

8.30
40.00

Wash, 50 lks. wide, 1 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.

$\frac{1}{4}$ S 28 on W. and
S 27 on E. half,
1915 on S. rim,

from which,

A palo verde, 10 ins. in diam., brs. N. $77\frac{3}{4}^{\circ}$ W.
129 lks. dist. mkd. $\frac{1}{4}$ S 28 B T.

A palo verde, 15 ins. in diam., brs. S. $70\frac{1}{4}^{\circ}$ E.
160 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.

43.50
53.00
80.00

Wash, 50 lks. wide, 3 ft. deep, course, NE.
Wash, 30 lks. wide, 4 ft. deep, course, E.
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
with brass cap mkd.

T 7 S R 3 E on N. half,
S 22 in NE.
S 27 in SE.
S 28 in SW. and
S 21 in NW. quadrants,
1915 on S. rim,

14.

Partial subdivision of T.7 S. R.3 E.

Chains

from which,

A palo verde, 10 ins. in diam., brs. N. $27\frac{1}{4}^{\circ}$ E.
322 lks. dist. mkd. T 7 S R 3 E S 22 B T.

A palo verde, 8 ins. in diam., brs. S. $26\frac{1}{2}^{\circ}$ E.
64 lks. dist. mkd. T 7 S R 3 E S 27 B T.

An iron wood, 10 ins. in diam., brs. S. 67° W.
130 lks. dist. mkd. T 7 S R 3 E S 28 B T.

An iron wood, 10 ins. in diam., brs. N. 25° W.
282 lks. dist. mkd. T 7 S R 3 E S 21 B T.

Land, gently rolling.

Soil, gravel and stony, 4th rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood brush.

At this cor. I set off $13^{\circ} 2'$ N. on the decl. arc; and
at apparent noon observe the sun on the mer.; the
resulting lat. is $32^{\circ} 48'$ N.

East on a random line bet. secs. 22 and 27.

40.00

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

79.93

Intersect N. and S. line at cor. of secs. 22, 23, 26 and 27.

Thence I run

West on a true line bet. secs. 22, and 27.

Over rolling land, through greasewood brush and palo verde and iron wood timber.

3.43

Wash, 25 lks. wide, 1 ft. deep, course, N. 20° E.39.96 $\frac{1}{2}$ 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. $\frac{1}{4}$ S 22 on N. and

S 27 on S. half,

1915 on S. rim,

from which,

A palo verde, 18 ins. in diam., brs. N. $13\frac{3}{4}^{\circ}$ E.
21 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.

A palo verde, 18 ins. in diam., brs. S. $34\frac{3}{4}^{\circ}$ W.
18 lks. dist. mkd. $\frac{1}{4}$ S 27 B T.

77.73

Wash, 25 lks. wide, 1 ft. deep, course, NE.

79.93

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

Land, rolling.

Soil, gravelly and stony, 3rd rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood brush.

N. $0^{\circ} 2'$ W. bet. secs. 21 and 22.

Over rolling land, through greasewood brush and palo verde and iron wood timber.

27.10

Wash, 100 lks. wide, 2 ft. deep, course, NE.

32.00

Branch of same wash, 100 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. $\frac{1}{4}$ S 21 on W. and

S 22 on E. half,

1915 on S. rim,

from which,

An iron wood, 8 ins. in diam., brs. N. $38^{\circ} 20'$ W.
166 lks. dist. mkd. $\frac{1}{4}$ S 21 B T.

A palo verde, 18 ins. in diam., brs. S. $21^{\circ} 40'$ E.
107 lks. dist. mkd. $\frac{1}{4}$ S 22 B T.

86.00

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 7 S R 3 E on N. half,

S 15 in NE.

S 22 in SE.

S 21 in SW. and

S 16 in NW. quadrants,

1915 on S. rim,

from which,

Partial subdivision of T.7 S., R.3 E.

15.

Chains

A palo verde 8 ins. in diam., brs. N. 21 $\frac{1}{4}$ ° E.
 39 lks. dist. mkd. T 7 S R 3 E S 15 B T.
 A palo verde 10 ins. in diam., brs. N. 47 $\frac{1}{2}$ ° W.
 113 lks. dist. mkd. T 7 S R 3 E S 16 B T.

No other trees within limits.
 Build a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high W. of cor.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

40.00
79.99

East on a random line bet. secs. 15 and 22.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 1 lk. S. of cor. of secs.
 14, 15, 22 and 23.

Thence I run
 West on a true line bet. secs. 15 and 22.
 Over rolling land, through greasewood brush and palo verde
 and iron wood timber.

17.40
35.00
39.99 $\frac{1}{2}$

Wash, 50 lks. wide, 1 ft. deep, course, NE.
 Wash, 100 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.
 $\frac{1}{4}$ S 15 on N. and
 S 22 on S. half,
 1915 on S. rim.

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.

50.00
79.99

Wash, 25 lks. wide, 5 ft. deep, course, N. 20° E.
 Cor. of secs. 15, 16, 21 and 22.
 Land, level, and rolling.
 Soil, gravelly and stony 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

Apr. 25, 1915.

Apr. 27, 1915.
 N. 0° 2' W. bet. secs. 15 and 16.
 Over rolling land, through greasewood brush and palo verde
 and iron wood timber.

28.00
40.00

Wash, 50 lks. wide, 6 ft. deep, course, N. 70° E.
 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.
 $\frac{1}{4}$ S 16 on W. and
 S 15 on E. half,
 1915 on S. rim,

from which,
 A palo verde, 8 ind. in diam., brs. N. 70° W.
 15 lks. dist. mkd. $\frac{1}{4}$ S 16 B T.
 An iron wood, 8 ins. in diam., brs. N. 63° E.
 72 lks. dist. mkd. $\frac{1}{4}$ S 15 B T.

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 7 S R 3 E on N. half,
 S 10 in NE.
 S 15 in SE.
 S 16 in SW. and
 S 9 in NW. quadrants,
 1915 on S. rim.

Build a mound of stone, 3 $\frac{1}{2}$ ft. base, 2 $\frac{1}{2}$ ft. high W. of cor.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush.

16.

Partial subdivision of T.7 S. R.3 E.

Chains	
X 40.00 79.93	<p>East on a random line bet. secs. 10 and 15. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 1 lks. N. of cor. of secs. 10, 11, 14 and 15. Thence I run West on a true line bet. secs. 10 and 15. Over rolling land, through greasewood brush, and palo verde and iron wood timber. Wash, 100 lks. wide, 15 ft. deep, course, N. 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. $\frac{1}{4}$ S 10 on N. and S 15 on S. half, 1915 on S. rim, from which, A palo verde, 8 ins. in diam., brs. N. 5° W. 116 lks. dist. mkd. $\frac{1}{4}$ S 10 B T. An iron wood, 8 ins. in diam., brs. S. 7° W. 82 lks. dist. mkd. $\frac{1}{4}$ S 15 B T. Wash, 20 lks. wide, 2 ft. deep, course, N. Cor. of secs. 9, 10, 15 and 16. Land, level and rolling. Soil, stony, 3rd and 4th rates. Timber, palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti.</p>
72.23 79.93	<p>N. 0° 2' W. bet. secs. 9 and 10. Over rolling land, through greasewood brush and palo verde and iron wood, timber. Wash, 50 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. $\frac{1}{4}$ S 9 on W. and S 10 on E. half, 1915 on S. rim, from which, An iron wood 8 ins. in diam., brs. N. $51\frac{3}{4}^{\circ}$ W. 190 lks. dist. mkd. $\frac{1}{4}$ S 9 B T. A palo verde, 8 ins. in diam., brs. S. $36\frac{1}{4}^{\circ}$ E. 83 lks. dist. mkd. $\frac{1}{4}$ S 10 B T. Wash, 50 lks. wide, 4 ft. deep, course, N. 70° E. 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.</p>
18.00 40.00	<p>T 7 S R 3 E on N. half, S 3 in NE. S 10 in SE. S 9 in SW. and S 4 in NW. quadrants, 1915 on S. rim,</p>
57.00 80.00	<p>from which, A palo verde, 12 ins. in diam., brs. N. $9\frac{1}{2}^{\circ}$ E. 57 lks. dist. mkd. T 7 S R 3 E S 3 B T. A palo verde, 12 ins. in diam., brs. S. 50° E. 48 lks. dist. mkd. T 7 S R 3 E S 10 B T. A palo verde, 12 ins. in diam., brs. S. $58\frac{1}{2}^{\circ}$ W. 61 lks. dist. mkd. T 7 S R 3 E S 9 B T. A palo verde, 12 ins. in diam., brs. N. $80\frac{1}{4}^{\circ}$ W. 17 lks. dist. mkd. T 7 S R 3 E S 4 B T. Land, rolling. Soil, stony, 4th rate. Timber, palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. Apr. 27, 1915.</p>

Partial Subdivision of Township 7 South, Range 3 East. 17

Chains.

Apr. 28, 1915.
 East, on a random line, bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Intersect N. and S. line, 2 fks. S. of cor. of secs. 2, 3, 10 and 11.
 Thence I run,
 S. $89^{\circ}59'$ W., on a true line, bet. secs. 3 and 10.
 Over level land, through greasewood brush and palo verde and ironwood timber.
 39.92 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. 1, with brass cap, marked
 $\frac{1}{4}$ S 3 on N., and
 $\frac{1}{4}$ S 10 on S. half;
 1915 on S. rim.
 Dig pits 18x18x12 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.
 52.34 Wash, 25 lks. wide, 3 ft. deep, course NE.
 79.84 Cor. of secs. 3, 4, 9 and 10.
 Land, level.
 Soil, sandy, with caliche subsoil, 3rd rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush with scattering mesquite along the washes.

 N. $0^{\circ}2'$ W., on a true line, bet. secs. 3 and 4.
 Over level land, through greasewood brush and palo verde and ironwood 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, marked
 $\frac{1}{4}$ S 4 on W., and
 $\frac{1}{4}$ S 3 on E. half;
 1915 on S. rim;
 dig pits 18x18x12 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.
 45.60 Road brs. N. 20° W. and S. 20° E.
 54.30 Intersect S. bdy. of T. 6 S., R. 3 E., 114 lks. W. of cor. of secs. 4, 5, 32 and 33, which is an iron post 3 ft. long, 3 ins. in diam., 1 ft. above ground, with brass cap, marked and witnessed as described by the Surveyor General. I change this cor. to refer to secs. 32 and 33 only by destroying the markings on the S. half of cap, also the pits SE. and SW. of cor., and enlarge the pits NE. and NW. of cor. to 24x24x12 ins., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. At point of intersection I
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 3 and 4, with brass cap, marked
 C C S of center,
 S 3 in SE., and
 S 4 in SW. quadrants;
 T 7 S R 3 E on S. half;
 1915 on S. rim.
 Dig pits 24x18x12 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.
 I change markings on $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 33 in proper manner to make it refer to sec. 33, T. 6 S., R. 3 E. only.
 Land, level.
 Soil, sandy with caliche subsoil, 3rd rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti, with mesquite along the washes.

W.K.K. Apr. 28, 1915.

18. Partial Subdivision of Township 7 South, Range 3 East.

Chains.

W.H.T.

Survey commenced Apr. 25, 1915, and executed with a Young and Sons' light mountain transit No. 8592, as described in Book "A."

April 17, 1915: At 5h. 52m., p.m., l.m.t., I observe Polaris at Western elongation in accordance with instructions in the Manual of Surveying, and lay off the azimuth of Polaris, $1^{\circ}21'$ to the E. From this meridian, the signal on top of Table Top mountain brs. S. $65^{\circ}23'W$. (Observation taken at a point near camp. in sec. 16, T. 7 S., R. 4E).

Apr. 18. Knowing the transit to be in satisfactory adjustment from daily field tests, I test the solar apparatus as follows:

At 9h. a.m., l.m.t., I set off $32^{\circ}49'N$ on the lat. arc; $10^{\circ}37'N$ on the decl. arc; and determine a meridian with the solar. The meridian thus determined gives a bearing on the signal on Table Top mountain corresponding to the bearing obtained from the meridian established by observations on Polaris.

At 3h. p.m., l.m.t., I set off $32^{\circ}49'N$ on the lat. arc; $10^{\circ}43'N$ on the decl. arc; and determine a meridian with the solar. The meridian thus determined gives a bearing on the signal on Table Top mountain corresponding to the bearing obtained from the meridian established by observations on Polaris, I therefore conclude that the adjustments of the transit and solar apparatus are satisfactory.

Apr. 25, 1915. At 9h. a.m., l.m.t., I set off $32^{\circ}46'N$ on the lat. arc; $13^{\circ}0'N$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on S. bdy. of Tp., described in Book "B."

Thence I run,

N. $0^{\circ}2'W$, bet. secs. 32 and 33.

Over rolling land, through greasewood brush and palo verde and ironwood.

15.00 Wash, 30 lks. wide, 1 ft. deep, course N. $50^{\circ}E$.

20.00 Wash, 25 lks. wide, 1 ft. deep, course N. $60^{\circ}E$.

28.00 Wash, 60 lks. wide, 2 ft. deep, course N. $50^{\circ}E$.

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, marked

$\frac{1}{4}$ S 32 on W., and

S 33 on E. half;

1915 on S. rim.

Dig pits $18 \times 18 \times 12$ ins. 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.

42.40 Wash, 25 lks. wide, 2 ft. deep, course N. $50^{\circ}E$.

Ascend over E. end of low range of hills, 35 ft. to

55.00 Top of ascent.

Descend NE. slope 63 ft. to

67.95 Ravine, 40 lks. wide, 4 ft. deep, course N. $30^{\circ}E$.

75.95 Wash, 180 lks. wide, 10 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, marked

T 7 S R 3 E on N. half;

S 28 in NE.,

S 33 in SE.,

S 32 in SW., and

S 29 in NW. quadrants;

1915 on S. rim.

Dig pits $18 \times 18 \times 12$ 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, rolling.

Soil, gravelly and stony, 3rd rate.

Timber, palo verde and ironwood.

Undergrowth, greasewood brush, ocotillos and catclaw, and cacti.

Partial subdivision of T.7 S., R.3 E.

Chains

East on a random line bet. secs. 28 and 33.
 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 6 lks. N. of cor. of secs. 27, 28, 33 and 34
 Thence I run
 N. $89^{\circ} 57'$ W. on a true line bet. secs. 28 and 33.
 Over rolling land, through greasewood brush and palo verde and iron wood timber.

8.35 Wash, 25 lks. wide, 3 ft. deep, course, N. 40° E.
 22.15 Wash, 40 lks. wide, 4 ft. deep, course, NE.
 35.85 Wash, 45 lks. wide, 3 ft. deep, course, N. 30° E.
 39.97 $\frac{1}{2}$ 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.
 $\frac{1}{4}$ S 28 on N. and
 S 33 on S. half,
 1915 on S. rim.

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.

46.45 Wash, 40 lks. wide, 2 ft. deep, course, N. 15° E.
 56.05 Wash, 30 lks. wide, 4 ft. deep, course, N. 15° E.
 73.15 Wash, 120 lks. wide, 8 ft. deep, course, NE.
 79.95 Cor. of secs. 28, 29, 32 and 33.
 Land, rolling.
 Soil, gravelly and stony, 3rd rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.

N. $0^{\circ} 2'$ W. bet. secs. 28 and 29.
 Over rolling land, through greasewood brush and palo verde and iron wood.

8.90 Wash, 30 lks. wide, 2 ft. deep, course, N. 60° E.
 15.20 Wash, 20 lks. wide, 1 ft. deep, course, N. 50° E.
 21.00 Wash, 60 lks. wide, 2 ft. deep, course, N. 60° E.
 34.50 Wash, 60 lks. wide, 3 ft. deep, course, N. 40° E.
 37.40 Wash, 40 lks. wide, 4 ft. deep, course, N. 70° 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.
 $\frac{1}{4}$ S 29 on W. and
 S 28 on E. half,
 1915 on S. rim.

Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 69.50 Wash, 70 lks. wide, 6 ft. deep, course, N. 60° E.
 Asc. SE. slope, 90 ft. to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.
 T 7 S R 3 E on N. half,
 S 21 in NE.
 S 28 in SE.
 S 29 in SW. and
 S 20 in NW. quadrants,
 1915 on S. rim.

Pits impracticable.
 Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 At this cor. I set off $13^{\circ} 2'$ N. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is $32^{\circ} 48'$ N.

20.

Partial subdivision of T.7 S., R.3 E.

Chains	
	East on a random line bet. secs. 21 and 28.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 2 lks. S. of cor. of secs. 21, 22, 27 and 28.
	Thence I run
	S. $89^{\circ} 59'$ W. on a true line bet. secs. 21 and 28.
	Over rolling land, through greasewood brush, palo verde and iron wood timber.
9.65	Wash, 20 lks. wide, 2 ft. deep, course, NE.
25.00	Wash, 20 lks. wide, 2 ft. deep, course, N. 40° E.
34.85	Wash, 50 lks. wide, 3 ft. deep, course, NE.
35.00	Enter stony land, brs. NE. and SW.
25.55	Wash, 40 lks. wide, 3 ft. deep, course, NE.
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.
	$\frac{1}{4}$ S 21 on N. and
	S 28 on S. half,
	1915 on S. rim.
	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.
62.00	Wash, 60 lks. wide, 5 ft. deep, course, NE.
80.04	Cor. of secs. 20, 21, 28 and 29.
	Land, rolling.
	Soil, stony, 4th rate.
	Timber, palo verde and iron wood.
	Undergrowth, greasewood brush, ocotillos and cacti.
	N. $0^{\circ} 2'$ W. bet. secs. 20 and 21.
	Over rolling land, through greasewood brush and palo verde and iron wood timber.
7.95	Wash, 30 lks. wide, 4 ft. deep, course, S. 70° E.
	Asc. gradual S. slope.
14.00	Top of low ridge brs. E. and W.
	Desc. N. slope, 50 ft. to
21.50	Wash, 20 lks. wide, 1 ft. deep, course, S. 80° E.
	Asc. S. slope, 57 ft. to
32.00	Top of ridge, brs. E. and W.
	Desc. N. slope, 34 ft. to
40.00	Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 20 on W. and
	S 21 on E. half,
	1915 on S. rim.
	Build a mound of stone 3 ft. base, 2 ft. high W. of cor.
40.60	Wash, 20 lks. wide, 4 ft. deep, course, E.
48.00	Top of low ridge brs. E. and W.
53.55	Wash, 15 lks. wide, 3 ft. deep, course, S. 70° E.
58.90	Top of ridge brs. E. and W.
67.10	Wash, 20 lks. wide, 4 ft. deep, course, NE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, 18 ins. high for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.
	T 7 S R 3 E on N. half
	S 16 in NE.
	S 21 in SE.
	S 20 in SW. and
	S 17 in NW. quadrants,
	1915 on S. rim.
	Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
	Land, rolling.
	Soil, stony, 4th rate.
	Timber, palo verde and iron wood.
	Undergrowth, greasewood brush, ocotillos and cacti.

Partial subdivision of T.7 S., R.3 E.

Chains

40.00 East on a random line bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 5 lks. S. of cor. of secs. 15, 16, 21 and 22.
 Thence I run
 S. $89^{\circ} 58'$ W. on a true line bet. secs. 16 and 21.
 Over rolling land, through greasewood brush and palo verde and iron wood.
 40.02 Set an iron post 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, 4 ft. base, $2\frac{1}{2}$ ft. high for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 16 on N. and
 S 21 on S. half,
 1915 on S. rim.
 Build a mound of stone, 3 ft. base, 2 ft. high N. of cor.
 Over gradual NW. slope.
 47.84 Wash, 40 lks. wide, 5 ft. deep, course, NE.
 Change to gentle SE. slope.
 80.04 Cor. of secs. 16, 17, 20 and 21.
 Land, rolling.
 Soil, stony 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush and ocotillos and cacti.
 W.H.T. Apr. 25, 1915.

W.K.K.
 Apr. 28, 1915, at 8h., a.m., 1 m.t., I set off $32^{\circ} 48'$ N. on the lat. arc; $13^{\circ} 57'$ N. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 16, 17, 20 and 21.

Thence I run
 N. $0^{\circ} 2'$ W. bet. secs. 16 and 17.
 Over rolling land, through greasewood brush, ocotillos cacti, palo verde and iron wood.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 17 on W. and
 S 16 on E. half,
 1915 on S. rim,
 from which,
 A palo verde, 10 ins. in diam., brs. N. $17\frac{3}{4}^{\circ}$ W. 272 lks. dist. mkd. $\frac{1}{4}$ S 17 B T.
 A palo verde, 12 ins. in diam., brs. N. 19° E. 40 lks. dist. mkd. $\frac{1}{4}$ S 16 B T.
 47.00 Wash, 50 lks. wide, 3 ft. deep, course, NE.
 50.00 Wash, 100 lks. wide, 3 ft. deep, course, NE.
 54.75 Wash, 50 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. 8, 9, 16 and 17, with brass cap mkd.
 T 7 S R 3 E on N. half,
 S 9 in NE.
 S 16 in SE.
 S 17 in SW. and
 S 8 in NW. quadrants,
 1915 on S. rim.
 Build a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti;

22.

Partial subdivision of T.7 S., R.3 E.

Chains	
40.00	East on a random line bet. 9 and 16.
80.08	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect N. and S. line, 6 lks. S. of cor. of secs. 9, 10, 15, and 16.
	Thence I run
	S. $89^{\circ} 57' W.$ on a true line bet. secs. 9 and 16.
	Over rolling land, through greasewood brush and palo verde and iron wood timber.
40.04	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.
	$\frac{1}{4}$ S 9 on N. and
	S 16 on S. half,
	1915 on S. rim,
	from which,
	A palo verde, 12 ins. in diam., brs. N. $89^{\circ} E.$
	65 lks. dist. mkd. $\frac{1}{4}$ S 9 B T.
	A palo verde, 10 ins. in diam., brs. S. $18\frac{1}{2}^{\circ} W.$
	160 lks. dist. mkd. $\frac{1}{4}$ S 16 B T.
46.08	Wash, 75 lks. wide, 3 ft. deep, course, N.
80.08	Cor. of secs. 8, 9, 16 and 17.
	Land, rolling.
	Soil, stony, 4th rate.
	Timber, palo verde and iron wood.
	Undergrowth, greasewood brush and ocotillos and cacti.
40.00	N. $0^{\circ} 2' W.$ bet. secs. 8 and 9.
	Over rolling land, through greasewood brush and palo verde and iron wood timber.
	Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 8 on W. and
	S 9 on E. half,
	1915 on S. rim,
	from which,
	A palo verde, 15 ins. in diam., brs. N. $37\frac{3}{4}^{\circ} W.$
	110 lks. dist. mkd. $\frac{1}{4}$ S 8 B T.
	No other trees within limits.
	Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
72.70	Wash, 75 lks. wide, 4 ft. deep, course, N. $70^{\circ} E.$
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.
	T 7 S R 3 E on N. half,
	S 4 in NE.
	S 9 in SE.
	S 8 in SW. and
	S 5 in NW. quadrants,
	1915 on S. rim,
	from which,
	A palo verde, 14 ins. in diam., brs. N. $33^{\circ} E.$
	163 lks. dist. mkd. T 7 S R 3 E S 4 B T.
	A palo verde, 8 ins. in diam., brs. S. $10^{\circ} 30' E.$
	153 lks. dist. mkd. T 7 S R 3 E S 9 B T.
	A palo verde, 12 ins. in diam., brs. S. $56\frac{3}{4}^{\circ} W.$
	298 lks. dist. mkd. T 7 S R 3 E S 8 B T.
	An iron wood, 18 ins. in diam., brs. N. $0^{\circ} 5' W.$
	162 lks. dist. mkd. T 7 S R 3 E S 5 B T.
	Land, rolling.
	Soil, stony, 4th rate.
	Timber, palo verde and iron wood.
	Undergrowth, greasewood brush, ocotillos and cacti.
	At this cor. I set off $14^{\circ} 0' N.$ on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is $32^{\circ} 50' N.$

Partial Subdivision of Township 7 South, Range 3 East. 23

Chains.

East, on a random line, bet. secs. 4 and 9.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.09 Intersect N. and S^w line, 10 lks. S. of cor. of secs. 3, 4, 9
 and 10.
 Thence I run,
 S 89°56'W., on a true line, bet. secs. 4 and 9.
 Over rolling land, through greasewood brush, and palo verde
 and ironwood timber.
 32.59 Wash, 50 lks. wide, 6 ft. deep, course N.
 40.04 $\frac{1}{2}$ Set an iron post $\frac{3}{4}$ ft. long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 4 on N., and
 $\frac{1}{4}$ S 9 on S. half;
 1915 on S. rim; from which,
 A palo verde, 12 ins. in diam., brs. N. 84 $\frac{1}{2}$ °W., 70
 lks. dist., marked $\frac{1}{4}$ S 4 B T.
 A palo verde, 12 ins. in diam., brs. S. 57°W., 86
 lks. dist., marked $\frac{1}{4}$ S 9 B T.
 40.59 Wash, 20 lks. wide, 3 ft. deep, course N. 20°E.
 65.09 Wash, 50 lks. wide, 3 ft. deep, course N. 70°E.
 80.09 Cor. of secs. 4, 5, 8 and 9.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti.

 N. 0° 2'W., on a true line, bet. secs. 4 and 5.
 Over rolling land, through greasewood brush and palo verde
 and ironwood timber.
 1.75 Wash, 100 lks. wide, 4 ft. deep, course N. 70°E.
 40.00 Set an iron post $\frac{3}{4}$ ft. long, 1 in. in diam., 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 5 on W., and
 $\frac{1}{4}$ S 4 on E half;
 1915 on S. rim; from which
 A palo verde, 8 ins. in diam., brs. S 8°W., 185
 lks. dist., marked $\frac{1}{4}$ S 5 B T.
 A palo verde, 12 ins. in diam., brs. N. 45 $\frac{1}{2}$ °E.,
 154 lks. dist., marked $\frac{1}{4}$ S 4 B T.
 54.25 Intersect S. bdy. of T. 6 S., R. 3 E., 116 lks. W. of cor. of
 secs. 5, 6, 31 and 32, which is an iron post $\frac{3}{4}$ ft. long,
 $\frac{3}{4}$ ins. in diam., 1 ft. above ground, with brass cap,
 marked and witnessed as described by the Surveyor
 General. I change this cor. to refer to secs. 31 and
 32 only by destroying the markings on the S. half of
 the cap, also the pits SE. and SW. of cor., and en-
 large the pits NE. and NW. of cor. to 24x24x12 ins., and
 raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
 At point of intersection, I
 Set an iron post $\frac{3}{4}$ ft. long, 2 ins. in diam., 24 ins. in
 the ground for closing cor. of secs. 4 and 5, with
 brass cap, marked
 C C S of center,
 S 4 in SE., and
 S 5 in SW. quadrants;
 T 7 S R 3 E on S. half;
 1915 on S. rim.
 Dig pits 24x18x12 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.
 I change marking on $\frac{1}{4}$ sec. cors. on S bdrs. of secs. 31 and
 32 in proper manner to make them refer to secs. 31 and
 32 of T. 6 S., R. 3 E. only.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 W.K.K. Apr. 28, 1915.

24 Partial Subdivision of Township 7 South, Range 3 East

Chains.

W.H.T.
 Apr. 26, 1915: At 1h.p.m., 1.m.t., I set off $32^{\circ}48'N$. on the lat.arc; $13^{\circ}23'N$. on the decl.arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 and 21.
 Thence I run,
 West, on a true line, bet. secs. 17 and 20.
 Over rolling land, general E. slope.
 38.90 Ravine, 60 lks. wide, 8 ft. deep, course $N.60^{\circ}E$.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, in a mound of stone, 3 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 17 on N., and
 $\frac{1}{4}$ S 20 on S half;
 1915 on S. rim.
 Build a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 75.00 Wash, 60 lks. wide, 4 ft. deep, course $N.60^{\circ}E$.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, 5 ft. base, $2\frac{1}{2}$ ft. high, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked
 T 7 S R 3 E on N. half;
 S 17 in NE.,
 S 20 in SE.,
 S 19 in SW., and
 S 18 in NW. quadrants;
 1915 on S. rim.
 Pits impracticable.
 Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Do not survey the west two tiers of sections south of this cor., as they are practically worthless.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti.

 West, on a true line, bet. secs. 18 and 19.
 Over rolling land, through greasewood brush and palo verde and ironwood timber.
 14.20 Wash, 30 lks. wide, 3 ft. deep, course N..
 36.00 Wash, 30 lks. wide, 3 ft. deep, course NW
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to solid rock, in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 18 on N., and
 $\frac{1}{4}$ S 19 on S half;
 1915 on S. rim.
 Build a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 Over general NW. slope.
 65.60 Wash, 30 lks. wide, 4 ft. deep, course $N.30^{\circ}W$.
 Allowing 175 lks. for convergency; at
 78.25 Set an iron post 3 ft. long, 3 ins. in diam., 12 ins. in the ground for cor. of secs. 13, 18, 19 and 24, with brass cap, marked
 T 7 S on N. half;
 R 3 E S 18 in NE.,
 S 19 in SE.,
 S 24 in SW., and
 R 2 E S 13 in NW quadrants;
 1915 on S rim; from which,
 A palo verde, 5 ins. in diam., brs. $N.9\frac{1}{2}^{\circ}E$., 37 lks. dist., marked T 7 S R 3 E S 18 B T.
 A palo verde, 5 ins. in diam., brs. $S.37^{\circ}E$., 76 lks. dist., marked T 7 S R 3 E S 19 B T.
 A palo verde, 5 ins. in diam., brs. $S.36^{\circ}30'W$., 87 lks. dist., marked T 7 S R 2 E S 24 B T.
 An ironwood, 8 ins. in diam., brs. $N.24^{\circ}W$., 18 lks. dist., marked T 7 S R 2 E S 13 B T.

Land, rolling.
 Soil, stony, 4th rate. Timber, palo verde and ironwood.
 Undergrowth, greasewood, ocotillos and cacti.

Partial subdivision of T.7 S., R.3 E.

Chains Apr. 27, 1915: From cor. of secs. 17, 18, 19 & 20, I run,
 N. 0° 3' W. bet. secs. 17 and 18.
 Over rolling land, through greasewood brush and palo verde
 and iron wood timber.
 Descend gradual N. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in
 the ground to solid rock, in a mound of stone, 2 ft.
 base, 1 ft. high for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 18 on W. and
 S 17 on E. half,
 1915 on S. rim.
 Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
 Desc. gradual NE. slope.
 50.00 Enter wash, 30 lks. wide, 4 ft. deep, course, NE.
 60.00 Leave, same, wash, course, NE.
 62.00 Wash, 40 lks. wide, 5 ft. deep, course, N. 30° E.
 73.60 Ravine, 40 lks. wide, 5 ft. deep, course, N. 40° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in
 the ground, to solid rock, in a mound of stone,
 3 ft. base, 1 ft. high, for cor. of secs. 7, 8, 17
 and 18, with brass cap mkd.
 T 7 S R 3 E on N. half,
 S 8 in NE.
 S 17 in SE.
 S 18 in SW. and
 S 7 in NW. quadrants,
 1915 on S. rim.
 Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
 Land, rolling.
 Soil, stony, 4th rate, granite and limestone formation
 with loose volcanic rock.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 At this cor. I set off 13° 41' N. on the decl. arc; and
 at apparent noon, observe the sun on the mer.; the
 resulting lat. is 32° 49' N.
 W.H.T. Apr. 27, 1915.

W.K.K.
 Apr, 28, 1915. From cor. of secs. 8, 9, 16 & 17, I run,
 West on a random line bet. secs. 8 and 17.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line 6 lks. S. of cor. of secs. 7, 8,
 17 and 18,
 Thence I run
 S. 89° 57' E. on a true line bet. secs. 8 and 17.
 Over rolling land, through greasewood brush and palo verde
 and iron wood.
 5.50 Wash, 100 lks. wide, 6 ft. deep, course, N. 20° E.
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to solid rock, in a mound of stone, 3 $\frac{1}{2}$ ft.
 base, 1 ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 8 on N. and
 S 17 on S. half,
 1915 on S. rim,
 from which,
 A palo verde, 12 ins. in diam., brs. N. 32° W.
 74 lks. dist. mkd. $\frac{1}{4}$ S 8 B T.
 A palo verde, 12 ins. in diam., brs. S. 56° W.
 268 lks. dist. mkd. $\frac{1}{4}$ S 17 B T.
 53.00 Gully, 150 lks. wide, 15 ft. deep, course, N. 20° E.
 80.02 Cor. of secs. 8, 9, 16 and 17.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 W.K.K. Apr. 28, 1915.

26.

Partial subdivision of T.7 S., R.3 E.

Chains

W.H.T.
 Apr. 27, 1915. From cor. of secs. 7, 8, 17 and 18, I run,
 West on a random line bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 78.19 Intersect W. bdy. of tp. 10 lks. N. of cor. of secs. 7, 12,
 13 and 18, established by me and described in book
 "B."

Thence I run
 N. 89° 56' E. on a true line bet. secs. 7 and 18.
 Over rolling land, through greasewood brush and palo verde
 and iron wood timber.

6.60 Ravine, 80 lks. wide, 8 ft. deep, course, NE.
 7.80 Wash, 60 lks. wide, 4 ft. deep, course, N. 30° E.
 18.20 Wash, 50 lks. wide, 4 ft. deep, course, N. 10° E.
 24.20 Wash, 60 lks. wide, 5 ft. deep, course, N.
 26.70 Wash, 80 lks. wide, 12 ft. deep, course, N.
 38.19 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in
 the ground to solid rock, in a mound of stone, 3 ft.
 base, 2 ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 7 on N. and
 S 18 on S. half,
 1915 on S. rim.

Pits impracticable.
 Build a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 42.40 Wash, 50 lks. wide, 6 ft. deep course, N. 10° E.
 56.90 Wash, 40 lks. wide, 4 ft. deep, course, N. 10° E.
 69.80 Wash, 40 lks. wide, 3 ft. deep, course, N.
 78.19 Cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti;

N. 0° 3' W. bet. secs. 7 and 8.
 Over rolling land, through greasewood brush and palo verde
 and iron wood timber.

40.00 Desc. general slope to the NE., 88 ft. to
 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in
 the ground, to solid rock, in a mound of stone, 2 ft.
 base, 1 ft. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 7 on W. and
 S 8 on E. half,
 1915 on S. rim.

Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 Over gradual NE. slope.

65.40 Wash, 50 lks. wide, 6 ft. deep, course, N. 70° E.
 71.80 Wash, 130 lks. wide, 3 ft. deep, course, NE.
 73.45 Wash, 40 lks. wide, 3 ft. deep, course, N. 70° E.
 77.99 Wash, 40 lks. wide, 3 ft. deep, course, N. 70° E.
 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 7 S R 3 E on N. half,
 S 5 in NE.
 S 8 in SE.
 S 7 in SW. and
 S 6 in NW, quadrants,
 1915 on S. rim.

Build a mound of stone, 3 ft. base, 2 ft. high W. of cor.
 Land, rolling with general NE. slope.
 Soil, stony, 4th rate, granite, limestone and volcanic
 formation.
 Timber, palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 W.H.T. Apr. 27, 1915.

28.

Partial subdivision of T.7 S., R.3 E.

Chains

N. 0° 3' W. on a true line bet. secs. 5 and 6.
Over gently rolling land, through greasewood brush, palo verde and iron wood timber.

1.40 Wash, 80 lks. wide, 4 ft. deep, course, NE.
35.70 Wash, 80 lks. wide, 4 ft. deep, course, NE.
38.40 Wash, 35 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.
 $\frac{1}{4}$ S 6 on W. and
S 5 on E. half,
1915 on S. rim.

54.08 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.

Cor. of Ts. 6 and 7 S., Rs. 2 and 3 E. brs. E. 279 lks. dist., which is an iron post 3 ft. long, 3 ins. in diam., 12 ins. above ground, mkd. and witnessed as described by the Surveyor General. Change this corner to T.6 S., R.3 E. only by destroying markings on S. half & NW. quadrant of brass cap, destroy mound on S. and build a mound of stone, 3 ft. base, 2 ft. high NE. of cor. Continue measurement.

80.08 Intersect S. bdy. of sec. 36, T.6 S., R.2 E. 280 lks. W. of cor. of T.6 S., R.2 E. (SE. cor) established by W.K.K. and described in book "B". At point of intersection. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap mkd.
C C S. of center,
S 5 in SE. and
S 6 in SW. quadrats,
T 7 S R 3 E on S. half,
1915 on S. rim.

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, gently rolling and level.
Soil, gravelly, 3rd rate.
Timber, palo verde and iron wood.
Undergrowth, greasewood brush, ocotillos and cacti.
Apr. 27, 1915.
W.H.T.

GENERAL DESCRIPTION

The land is rough and hilly along the south and west sides of this township, sections 19, 20, 29, 30, 31 and 32 containing the foot hills of the Table Top mountains. These sections are worthless for agricultural purposes or grazing land, and were therefore omitted from the survey.

The drainage is from the south west to the north east, towards the level valley land in the range of townships to the north east.

The soil gradually changes from worthless stony ground covered with malpais boulders, in the south west to adobe and sandy loam, in the north east.

The washes have deep rolling banks and are numerous enough to cut the township into innumerable stony ridges with their general slope to the north east.

Iron wood timber suitable for firewood grows abundantly along the washes. Palo verde timber flourishes abundantly in the south portion but is worthless.

The undergrowth throughout the township consists of scrub palo verde, ocotillos, greasewood brush and cacti. There are no settlers, and water has not yet been developed in the township.

Chains	
40.00 79.99	<p>W.K.K. Apr. 28, 1915. From cor. of secs. 4, 5, 8 and 9, I run, West on a random line bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 2 lks. S. of cor. of secs. 5, 6, 7 and 8. Thence I run S. 89° 59' E. on a true line bet. secs. 5 and 8. Over level land, through greasewood brush, palo verde, and iron wood timber.</p>
28.00 35.00 39.99 $\frac{1}{2}$	<p>Wash, 100 lks. wide, 5 ft. deep, course, N. 70° E. Wash, 100 lks. wide, 5 ft. deep, course, S. 70° E. 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. $\frac{1}{4}$ S 5 on N. and S 8 on S. half, 1915 on S. rim.</p>
76.20 79.99	<p>Build a mound of stone, 3 ft. base, 2 ft. high N. of cor. Wash, 50 lks. wide, 2 ft. deep, course, N. 70° E. Cor. of secs. 4, 5, 8 and 9. Land, level. Soil, stony, 4th rate, granite, limestone and volcanic formation. Timber, palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti. W.K.K. Apr. 28, 1915.</p>
40.00 78.09	<p>W.H.T. Apr. 27, 1915. From cor. of secs. 5, 6, 7 and 8, I run, West on a random line bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor. Intersect W. bdy. of tp. at cor. of secs. 1, 6, 7 and 12, established by me and described in book "B". Thence I run East on a true line bet. secs. 6 and 7. Over rolling land, through greasewood brush, palo verde and iron wood timber.</p>
5.00 26.20 38.09 39.99	<p>Wash, 15 lks. wide, 1 ft. deep, course, N. 30° E. Wash, 40 lks. wide, 6 ft. deep, course, N. 70° E. Wash, 50 lks. wide, 4 ft. deep, course, N. 80° E. True point for $\frac{1}{4}$ sec. cor. falls in this wash; therefore at Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, to solid rock, in a mound of stone, 2 ft. base, 1 ft. high for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap, marked W C on W., $\frac{1}{4}$ S 6 on N. and S 7 on S. half, 1915 on S. rim, from which, An iron wood, 10 ins. in diam., brs. N. 81° W. 46 lks. dist. mkd. W.C $\frac{1}{4}$ S 6 B T. A palo verde, 12 ins. in diam., brs. S. 53$\frac{1}{2}$° W. 129 lks. dist. mkd. W C $\frac{1}{4}$ S 7 B T.</p>
48.90 69.10 73.60 76.90 78.09	<p>Wash, 80 lks. wide, 5 ft. deep, course, N. 50° E. Enter wash, 40 lks. wide, 4 ft. deep, course, NE. Leave same wash, course, NE. Wash, 40 lks. wide, 4 ft. deep, course, NE. Cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, stony, 4th rate, ground covered with volcanic rock. Timber, palo verde and iron wood. Undergrowth, greasewood brush, ocotillos and cacti.</p>

FOR CERTIFICATES OF UNITED STATES SURVEYOR, and UNITED STATES TRANSITMAN.

See Book "C" of this Group.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction, and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL, Phoenix, Arizona, MAR 19 _____, 1917.

The foregoing field notes of the survey of the Partial Subdivision of _____ Township 7 South, Range 3 East, of the _____ Gila and Salt River Base and Meridian, in the State of Arizona,

executed by W.H. Thorn, U.S. Surveyor, and W.K. Kierulff, U.S. Transitman, under his special instructions dated July 29, 1914 for Group 38, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature] U. S. Surveyor General. of Arizona.

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