

2907

Book "Q"

4-679

269

March-1917

BOOK 2907

(Subdivisions).

# FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

of

TOWNSHIP 7 SOUTH, RANGE 4 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 19, 1915.

Survey completed April 22, 1915

Inscribed under assignment  
Instructions dated Sept. 30, 1914.

2907

2907

1A

Book "Q."

BOOK 2907





INDEX DIAGRAM.

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FIRST GUIDE MERIDIAN EAST RESURVEYED

FIRST GUIDE MERIDIAN RESURVEYED

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

Subdivision of T.7 S., R.4 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. 19, 1915 and executed with a Young and Son's light mountain transit No. 8492, described in book "A".

From recent and repeated field tests on a mer. established by observations on Polaris, I know the adjustments of the transit and solar apparatus to be satisfactory. See beginning of notes of S. bdy. of T.7 S., R.4 E. dated Apr. 10, 1915, in book "B".

At 8h., a.m., l.m.t., I set off 32° 46' N. on the lat. arc; 10° 57' N. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 31 and 32, on S. bdy. of tp., described in Book "B."

Thence I run

N. 0° 1' E. bet. secs. 31 and 32.

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

5.75  
30.50  
39.50  
40.00

Wash, 35 lks. wide, 2 ft. deep, course, N. 70° E.

Wash, 35 lks. wide, 2 ft. deep, course, N. 70° E.

Wash, 15 lks. wide, 1 ft. deep, course, N. 70° 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.

¼ S 31 on W. and  
S 32 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.

55.00  
80.00

Wash, 20 lks. wide, 1 ft. deep, course, N. 60° E.

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. 7 S R 4 E on N. half,  
S 29 in NE.  
S 32 in SE.  
S 31 in SW. and  
S 30 in NW. quadrants,  
1915 on S. rim.

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 loam, 2nd rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush.

40.00  
79.96

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

Set temp. ¼ sec. cor.

Intersect W. bdy. of tp. 10 lks. S. of cor. of secs. 25, 30, 31 and 36, established by me and described in book "B".

Thence I run

S. 89° 56' E. on a true line bet. secs. 30 and 31.

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

19.96  
39.98

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

¼ S 30 on N. and  
S 31 on S. half,  
1915 on S. rim.

2.

## Subdivision of T.7 S., R.4 E.

Chains

	Dig pits 18 X 18 X 12 ins. E. and W. off 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.
43.46	Wash, 20 lks. wide, 2 ft. deep, course, N. $60^{\circ}$ E.
52.06	Wash, 15 lks. wide, 1 ft. deep, course, NE.
79.96	Cor. of secs. 29, 30, 31 and 32. Land, level. Soil, gravelly loam, 2nd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.
	N. $0^{\circ}$ 1' E. bet. secs. 29 and 30. Over level land, through greasewood brush and scattering palo verde and iron wood timber.
7.50	Wash, 25 lks. wide, 1 ft. deep, course, N. $60^{\circ}$ E.
18.20	Wash, 10 lks. wide, 1 ft. deep, course, N. $60^{\circ}$ 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 mkd. $\frac{1}{4}$ S 30 on W. and S 29 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.
42.20	Wash, 10 lks wide, 2 ft. deep, course, N. $60^{\circ}$ 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 7 S R 4 E on N. half S 20 in NE. S 29 in SE. S 30 in SW. and S 19 in NW. quadrants, 1915 on S. rim.
	from which, An iron wood 18 ins. in diam., brs. N. $79\frac{1}{2}^{\circ}$ W. 235 lks. dist. mkd. T 7 S R 4 E S 19 B T. No other trees within limits.
	Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.
	West on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.80	Intersect W. bdy. of tp. 10 lks. S. of cor. of secs. 19, 24, 25 and 30, as established by me and described in book "B". Thence I run S. $89^{\circ}$ 56' E. on a true line bet. secs. 19 and 30. Over level land. through greasewood brush and scattering palo verde and iron wood.
39.90	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 19 on N. and S 30 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.
40.55m	Wash, 10 lks. wide, 1 ft. deep, course, NE.
79.80	Cor. of secs. 19, 20, 29 and 30. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood, brush.

## Subdivision of T.7 S., R.4 E.

3.

Chains

At this cor. I set off  $11^{\circ} 1'$  N. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is  $32^{\circ} 48'$  N.

40.00 N.  $0^{\circ} 1'$  E. bet. secs. 19 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  $\frac{1}{4}$  sec. cor. with brass cap mkd.  
 $\frac{1}{4}$  S 19 on W. and  
S 20 on E. half,  
1915 on S. rim.

45.60 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

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

80.00 Wash, 20 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. 17, 18, 19 and 20, with brass cap mkd.  
T 7 S. R 4 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.

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

40.00 West on a random line bet. secs. 18 and 19.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.98 Intersect W. bdy. or tp. 10 lks. S. of cor. of secs. 13, 18, 19 and 24, as established by me and described in book "B".  
Thence I run  
S.  $89^{\circ} 56'$  E. on a true line bet. secs. 18 and 19.  
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.  
 $\frac{1}{4}$  S 18 on N. and  
S 19 on S. half,  
1915 on S. rim.

63.00 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.

79.98 Wash, 25 lks. wide, 2 ft. deep, course, N.  $60^{\circ}$  E.  
Cor. of secs. 17, 18, 19 and 20.  
Land, level.  
Soil, sandy loam, 1st rate.  
Timber, scattering iron wood and palo verde.  
Undergrowth, greasewood brush.

13.40 N.  $0^{\circ} 1'$  E. bet. secs. 17 and 18.  
Over level land, through greasewood brush, and scattering timber.

40.00 Wash, 15 lks. wide, 1 ft. deep, course, N.  $60^{\circ}$  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 18 on W. and  
S 17 on E. half,  
1915 on S. rim.

from which,  
A palo verde, 18 ins. in diam., brs. S.  $9\frac{1}{2}^{\circ}$  W.  
220 lks. dist. mkd.  $\frac{1}{4}$  S. 18 B T.

No other trees within limits.

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

4.

## Subdivision of T.7 S., R.4 E.

Chains

and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
W. of cor.

56.60 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. 7, 8, 17 and 18, with  
brass cap mkd.

T 7 S R 4 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.

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

Land, level:  
Soil, sandy loam, 1st rate.  
Timber, scattering palo verde and iron wood.  
Undergrowth, greasewood brush.

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40.00 West on a random line bet. secs. 7 and 18.  
79.97 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect W. bdy. of tp. 10 lks. S. of cor. of secs.  
7, 12, 13 and 18, as established by me and described  
in book "B".

Thence I run  
S.  $89^{\circ} 56'$  E. on a true line bet. secs. 7 and 18.  
Over level land, through scattering timber and undergrowth.

16.47 Wash, 20 lks. wide, 2 ft. deep, course, NE.  
39.98 $\frac{1}{2}$  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 7 on N. and  
S 18 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.

67.17 Wash, 10 lks. wide, 3 ft. deep, course, NE.  
79.97 Cor. of secs. 7, 8, 17 and 18.  
Land, level.  
Soil, sandy loam, 1st rate.  
Timber, scattering palo verde and iron wood.  
Undergrowth, greasewood brush.

W.K.K. Apr. 19, 1915.

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W.H.T.  
Survey commenced Apr. 19, 1915 and executed with a Young  
and Sons light mountain transit No. 8592, described  
in book "A".

From recent and repeated field tests I know the transit  
and solar attachment to be in satisfactory adjustment.  
N.  $0^{\circ} 1'$  E. bet. secs. 7 and 8.  
Over level land, through scattering timber and undergrowth.

24.40 Wash, 15 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. mkd.

$\frac{1}{4}$  S 7 on W. and  
S 8 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 amount of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high  
W. of cor.

Subdivision of Township 7 South Range 4 East 5.

Chains  
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, marked

T 7 S R 4 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.

Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush.

40.00  
79.96

West, on a random line, bet. secs. 6 and 7. Set temp. 1 sec. cor. Intersect W. bdy. of Tp. 4 lks. S. of cor. of secs. 1, 6, 7 and 12, established by W. K. Kierulff, U. S. Transitman, and described in Book "B."

Thence I run, S. 89° 58' E., on a true line, bet. secs. 6 and 7. Over level land, through greasewood brush, and scattering palo verde and ironwood timber.

39.98  
79.96

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/2 sec. cor., with brass cap, marked

S 6 on N., and  
 S 7 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 1/2 ft. base, 1 1/2 ft. high, N. of cor. Cor. of secs. 5, 6, 7 and 8. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush.

40.00

N. 0° 1' E., on a true line, bet. secs. 5 and 6. Over level land, through greasewood brush and scattering palo verde and ironwood timber.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/2 sec. cor., with brass cap, marked

S 6 on W., and  
 S 5 on E. half;  
 1915 on S. rim.

54.81

Dig pits 18x18x12 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.

Intersect S. bdy. of T. 6 S., R. 3 E., 124 lks. W. of cor. of Ts. 6 and 7 S., Rs. 3 and 4 E., 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. I change the markings and accessories of this cor. in proper manner to make it a cor. of Ts. 6 S., Rs. 3 and 4 E. only, and at the point of my intersection, I

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, marked

C C S. of center,  
 S 5 in SE., and  
 S 6 in SW. quadrants;  
 T 7 S R 4 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 the 1/2 sec. cors. on S. bdrs. of secs. 36 and 31 in proper manner to make them refer to secs. in Ts. 6 S., Rs. 3 and 4 E. only. Land, level. Soil, sandy loam, 1st rate.

## 6. Subdivision of Township 7 South, Range 4 East.

Chains.

Timber, scattering palo verde and ironwood.  
Undergrowth, greasewood brush.

At 8h. a.m., l.m.t., I set off  $32^{\circ}46'N.$  on the lat. arc;  $10^{\circ}57'N.$  on the decl. arc; and determine a meridian with the solar at the cor. of secs. 32 and 33, on S. bdy. of Tp., established by W.K.K., and described in Book "B."

Thence I run,

$N.0^{\circ}1'E.$ , bet. secs. 32 and 33.

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

12.00 Wash, 20 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 32 on W., and  
S 33 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.

52.80 Mesquite post 4 ins. square, 18 ins. above ground, brs. E. 30 lks. dist., marked 1 notch on S., and 5 notches on E. edges.

I destroy old cor., and continue measurement.

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 4 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; from which,

An ironwood, 6 ins. in diam., brs.  $N.83^{\circ}20'W.$ ,

176 lks. dist., marked T 7 S R 4 E S 29 B T.

No other trees within limits.

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, scattering palo verde and ironwood.

Undergrowth, greasewood brush.

West, on a random line, bet. secs. 29 and 32.

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

79.92 Intersect N. and S. line, 2 lks. S. of cor. of secs. 29, 30, 31 and 32.

Thence I run,

$S.89^{\circ}59'E.$ , on a true line, bet. secs. 29 and 32.

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

2.52 Wash, 15 lks. wide, 1 ft. deep, course NE.

39.96 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 29 on N., and  
S 32 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.

47.12 Wash, 15 lks. wide, 1 ft. deep, course NE.



Subdivision of T.7 S., R.4 E.

7.

Chains 79.92	<p>Cor. of secs. 28, 29, 32 and 33. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.</p>
26.20 40.00	<p>N. 0° 1' E. bet. secs. 28 and 29. Over level land, through greasewood brush and scattering palo verde and iron wood. Wash, 15 lks. wide, 1 ft. deep, course, NE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd. <math>\frac{1}{4}</math> S 29 on W. and S 28 on E. half, 1915 on S. rim.</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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap mkd. T 7 S R 4 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.</p>
	<p>Dig pits 18 X 18 X 12 ins. in each sec. <math>5\frac{1}{2}</math> ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.</p>
40.00 79.99	<p>West on a random line bet. secs. 20 and 29. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect N. and S. line, 6 lks. S. of cor. of secs. 19, 20, 29 and 30.</p>
15.00 30.00 39.99 $\frac{1}{2}$	<p>Thence I run S. 89° 57' E. on a true line bet. secs. 20 and 29. Over level land, through greasewood brush and scattering palo verde and iron wood. Wash, 10 lks. wide, 1 ft. deep, course, NE. Wash, 15 lks. wide, 1 ft. deep, course, NE. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd. <math>\frac{1}{4}</math> S 20 on N. and S 29 on S. half, 1915 on S. rim.</p>
51.70 79.99	<p>Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor. Wash, 15 lks. wide, 1 ft. deep, course, NE. Cor. of secs. 20, 21, 28 and 29. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.</p>
40.00	<p>N. 0° 1' E. bet. secs 20 and 21. Over level land, through greasewood brush and scattering palo verde and iron wood. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd. <math>\frac{1}{4}</math> S 20 on W. and S 21 on E. half,</p>

## 8. Subdivision of T.7 S., R.4 E.

Chains

	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.
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 7 S R 4 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.
	Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush. At this cor. I set off $11^{\circ} 1'$ N. on the decl. arc; and at apparent noon observe the sun on the mer.; the resulting lat. is $32^{\circ} 49'$ N.
40.00	West on a random line bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 3 lks. S. of cor. of secs. 17, 18, 19 and 20. Thence I run S. $89^{\circ} 59'$ E. on a true line bet. secs. 17 and 20. Over level land, through greasewood brush, and scattering palo verde and iron wood.
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 17 on N. and S 20 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 W. of cor.
44.10	Wash, 15 lks. wide, 1 ft. deep, course, NE.
59.20	Road, brs. NE. and SW.
70.00	Wash, 15 lks. wide, 1 ft. deep, course, NE.
80.00	Cor. of secs. 16, 17, 20 and 21. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.
	N. $0^{\circ} 1'$ E. bet. secs. 16 and 17. Over level land, through greasewood brush.
12.00	Wash, 15 lks. wide, 1 ft. deep, course, NE.
20.00	Road to Maricopa, Arizona, brs. NW. and SE.
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 17 on W. and S 16 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.
69.10	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. 8, 9, 16 and 17, with brass cap mkd.

Subdivision of Township 7 South, Range 4 East.

9.

Chains

T 7 S R 4 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; from which  
 A mesquite, 14 ins. in diam., brs. S 31° E., 273 lks.  
 dist., marked T 7 S R 4 E S 16 B T.  
 A mesquite, 10 ins. in diam., brs. S 31° W., 10 lks.  
 dist., marked T 7 S R 4 E S 17 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, scattering ironwood and mesquite.  
 Undergrowth, greasewood brush.

West, on a random line, bet. secs. 8 and 17.  
 40.00 Set temp. ¼ sec. cor.  
 80.00 Intersect N. and S. line, 10 lks. S. of cor. of secs. 7, 8, 17  
 and 18.  
 Thence I run,  
 S 89° 56' E., on a true line, bet. secs. 8 and 17.  
 Over level land, through greasewood brush.  
 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 8 on N., and  
 S 17 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 3½ ft. base, 1½ ft. high, N. of cor.  
 71.70 Road brs. NW. to Maricopa, Arizona, and SE.  
 80.00 Cor. of secs. 8, 9, 16 and 17.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, scattering palo verde and ironwood.  
 Undergrowth, greasewood brush.  
 W.H.T. April 19, 1915.

W.K.K.  
 Apr. 20, 1915.  
 N. 0° 1' E., bet. secs. 8 and 9.  
 Over level land, through greasewood brush and scattering  
 palo verde and ironwood.  
 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 8 on W., and  
 S 9 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.  
 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, marked  
 T 7 S R 4 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.  
 Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, scattering ironwood.  
 Undergrowth, greasewood brush.

## 10. Subdivision of Township 7 South, Range 4 East.

Chains	
40.00 79.89	West, on a random line, bet. secs. 5 and 8. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S line, 10 lks. S. of cor. of secs. 5, 6, 7 and 8.
39.94 $\frac{1}{2}$	Thence I run, S. $89^{\circ}56'$ E. on a true line, bet. secs. 5 and 8. Over level land, through greasewood brush. 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 S 5 on N., and S 8 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.
45.50 79.89	Road brs. N. and S. Cor. of secs. 4, 5, 8 and 9. Land, level. Soil, sandy loam, 1st rate. Timber, scattering ironwood. Undergrowth, greasewood brush.
40.00	N. $0^{\circ}1'$ E., on a true line, bet. secs. 4 and 5. Over level land, through greasewood brush. 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, S 5 on W., and S 4 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.
55.02	Intersect S. bdy. of T. 6 S., R. 4 E., 48 lks. E. of cor. of secs. 5, 6, 31 and 32, 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. I change the markings and accessories of this cor. in proper manner to make it refer to secs. 31 and 32 only, and at my 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. 4 and 5, with brass cap, marked CC S. of center, S 4 in SE., and S 5 in SW. quadrants; T 7 S R 4 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. cor. on S. bdy. of sec. 32, in proper manner to make it refer to sec. 32, T. 6 S., R. 4 E. /only. Land, level. Soil, sandy loam, 1st rate. Timber, scattering ironwood. Undergrowth, greasewood brush.
12.90	At 8h. a.m., 1.m.t., I set off $32^{\circ}46'$ N. on the lat. arc; $11^{\circ}18'$ W. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 33 and 34, on S. bdy. of Tp., described in Book "B." Thence I run, N. $0^{\circ}2'$ E., bet. secs. 33 and 34. Over level land, through greasewood brush and scattering ironwood timber. Road brs. N. $20^{\circ}$ W. and S. $20^{\circ}$ E.

## Subdivision of T. 7 S., R. 4 E.

11.

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.  
 $\frac{1}{4}$  S 33 on W. and  
 S 34 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.
- 53.00 Old mesquite post, 4 ins. square, 4 ft. long, markings invisible, brs. W. 20 lks. dist. I destroy old cor. and continue measurement.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.  
 T 7 S R 4 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,  
 An iron wood, 14 ins. in diam., brs. N.  $20\frac{1}{2}^{\circ}$  E.  
 64 lks. dist. mkd. T 7 S R 4 E S 27 B T.  
 A palo verde, 12 ins. in diam., brs. S.  $66^{\circ}$  E.  
 173 lks. dist. mkd. T 7 S R 4 E S 34 B T.
- No other trees within limits.
- Dig pits 18 X 18 X 12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, scattering palo verde and iron wood.  
 Undergrowth, greasewood brush.
- 
- 40.00 West on a random line bet. secs. 28 and 33.  
 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect N. and S. line 3 lks. N. of cor. of secs. 28, 29, 32 and 33.  
 Thence I run  
 N.  $89^{\circ} 59'$  E. on a true line bet. secs. 28 and 33.  
 Over level land, through greasewood brush and scattering palo verde and iron wood timber.
- 40.03 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. with brass cap mkd.  
 $\frac{1}{4}$  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.
- 57.20 Road, brs. NW. and SE.
- 80.06 Cor. of secs. 27, 28, 33 and 34.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, scattering palo verde and iron wood.  
 Undergrowth, greasewood brush.
- 
- N.  $0^{\circ} 2'$  E. bet. secs. 27 and 28.  
 Over level land, through greasewood brush and scattering palo verde and iron wood.
- 28.40 Wash, 25 lks. wide, 2 ft. deep, course, N.  $70^{\circ}$  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 mkd.  
 $\frac{1}{4}$  S 28 on W. and  
 S 27 on E. half,  
 1915 on S. rim.

12.

Subdivision of T.7 S., R.4 E.

Chains

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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> 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. 21, 22, 27 and 28, with brasscap mkd.</p> <p style="text-align: center;">T 7 S R 4 E on N. half, S 22 in NE. S 27 in SE. S 28 in SW. and S 20 in NE. quadrants, 1915 on S. rim.</p> <p>Dig pits 18 X 18 X 12 ins. in each sec. <math>5\frac{1}{2}</math> ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.</p>
40:00	West on a random line bet. secs. 21 and 28.
80.12	<p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>Intersect N. and S. line, 2 lks. S. of cor. of secs. 20, 21, 28 and 29.</p> <p>Thence I run S. <math>89^{\circ} 59'</math> E. on a true line bet. secs. 21 and 28. Over level land, through greasewood brush and scattering palo verde and iron wood timber.</p>
28.12	Road, brs. NW. and SE.
40.06	<p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S 21 on N. and S 28 on S. half, 1915 on S. rim.</p>
80.12	<p>Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor.</p> <p>Cor. of secs. 21, 22, 27 and 28.</p> <p>Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush.</p>
40.00	<p>N. <math>0^{\circ} 2'</math> E. bet. secs. 21 and 22.</p> <p>Over level land, through greasewood brush and scattering palo verde and iron wood.</p> <p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S 21 on W. and S 22 on E. half, 1915 on S. rim.</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 <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> 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. 15, 16, 21 and 22, with brass cap mkd.</p> <p style="text-align: center;">T 7 S R 4 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.</p> <p>Dig pits 18 X 18 X 12 ins. in each sec. <math>5\frac{1}{2}</math> ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate.</p>

## Subdivision of T.7 S., R.4 E.

13.

Chains

Timber, scattering palo verde and iron wood.  
Undergrowth, greasewood brush.  
At this cor. I set off  $11^{\circ} 22'$  N. on the decl. arc; and at  
apparent noon observe the sun on the mer.; the result-  
ing lat. is  $32^{\circ} 49'$  N.

40.00 West on a random line bet. secs. 16 and 21.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect N. and S. line at cor. of secs. 16, 17, 20&21.

Thence I run,  
East, on a true line, bet. secs. 16 and 21.  
Over level land, through greasewood brush, and scattering  
palo verde and iron wood.

10.00 Road bet. N. and S. line.  
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 16 on N. and  
S 21 on S. half,  
1915 on S. rim.

80.04 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.

Cor. of secs. 15, 16, 21 and 22.  
Land, level.

Soil, sandy loam, 1st rate.  
Timber, scattering palo verde and iron wood.  
Undergrowth, greasewood brush.

40.00 N.  $0^{\circ} 2'$  E. bet. secs. 15 and 16.  
Over level land, through greasewood brush and scattering  
palo verde and iron wood.

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.

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

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
the ground for cor. of secs. 9, 10, 15 and 16, with  
brass cap mkd.

T 7 SR 4 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.

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

Soil, sandy loam, 1st rate.  
Timber, scattering palo verde and iron wood.  
Undergrowth, greasewood brush.

40.00 West on a random line bet. 9 and 16.

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

80.00 Intersect N. and S. line at cor. of secs. 8, 9, 16 and 17.

Thence I run

East on a true line bet. secs. 9 and 16.

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

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

14.

## Subdivision of T.7 S., R.4 E.

Chains

80.00	<p style="text-align: center;"> <math>\frac{1}{4}</math> S 9 on N. and            S 16 on S. half,            1915 on S. rim.         </p> <p>Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor.</p> <p>Cor. of secs. 9, 10, 15 and 16.            Land, level.            Soil, sandy loam, 1st rate.            Timber, scattering iron wood.            Undergrowth, greasewood brush.</p> <p style="text-align: right;">Apr. 20, 1915.            W.K.K.</p>
40.00	<p>W.H.T.            Apr. 20, 1915.            N. <math>0^{\circ} 2'</math> E. bet. secs. 9 and 10.            Over level land, through greasewood brush.</p> <p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <p style="text-align: center;"> <math>\frac{1}{4}</math> S 9 on W. and            S 10 on E. half,            1915 on S. rim.         </p> <p>Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> 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. 3, 4, 9 and 10, with brass cap mkd.</p> <p style="text-align: center;">           T 7 S.R 4 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> <p>Dig pits 18 X 18 X 12 ins. in each sec. <math>5\frac{1}{2}</math> ft. dist. and raise a mound of earth 4 ft base, 2 ft. high W. of cor.</p> <p>Land, level.            Soil, sandy loam, 1st rate.            No timber.            Undergrowth, greasewood brush and scattering mesquite.</p> <p style="text-align: right;">Apr. 20, 1915.</p>
40.00	<p>Apr. 22, 1915.            West on a random line bet. secs. 4 and 9.</p> <p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
80.12	<p>Intersect N. and S. line, 10 lks. S. of cor. of secs. 4, 5, 8 and 9.            Thence I run</p>
40.06	<p>S. <math>89^{\circ} 56'</math> E. on a true line bet. secs. 4, and 9.            Over level land, through greasewood brush.</p> <p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <p style="text-align: center;"> <math>\frac{1}{4}</math> S 4 on N. and            S 9 on S. half,            1915 on S. rim.         </p>
80.12	<p>Dig pits, 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor.</p> <p>Cor. of secs. 3, 4, 9 and 10 .            Land, level .            Soil, sandy loam, 1st rate.            No timber.            Undergrowth, greasewood brush and sagebrush.</p>



Subdivision of Township 7 South, Range 4 East.

Chains.

40.00 N.0°2'E., on a true line, bet. secs.3 and 4.  
Over level land, through greasewood brush.  
Set an iron post, 3ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{2}$  sec. cor., with brass cap, marked  $\frac{1}{2}$  S 4 on W., and S 3 on E half; 1915 on S rim.

55.10 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.

Intersect S. bdy. of T.6 S., R.4 E., 47 lks. E. 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, marked and witnessed as described by the Surveyor General. I change markings and accessories of this cor. in proper manner to make it refer to secs. 32 and 33 only, and 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 4 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  $\frac{1}{2}$  sec. cor. on S bdy. of sec. 33 in proper manner to make it refer to sec. 33, T.6 S., R.4 E. only.

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

April 22, 1915.

Apr. 20, 1915: At 8h. a.m., l.m.t., I set off 32°46'N. on the lat. arc; 11°18'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., established by W.K.K., and described in Book "B."

Thence I run,  
N.0°2'E., bet. secs. 34 and 35.

40.00 Over level land, through greasewood brush.  
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  $\frac{1}{2}$  S 34 on W., and S 35 on E. half; 1915 on S rim.

53.30 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.

A mesquite post, 4 ins. square, 18 ins. above ground, brs. E. 40 lks. dist. A brushed line from post brs. N. 89°48'E. and S. 89°48'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, marked

T 7 S R 4 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.

Land, level.  
Soil, sandy loam, 1st rate.  
Timber, very scattering ironwood.  
Undergrowth, greasewood brush.

## 16 Subdivision of Township 7 South, Range 4 East.

Chains.

West, on a random line, bet. secs. 27 and 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 2 lks. N. of cor. of secs. 27, 28, 33  
 and 34.  
 Thence I run,  
 N.  $89^{\circ}59'E.$ , on a true line, bet. secs. 27 and 34.  
 Over level land, through greasewood brush.  
 3.26 Wash, 10 lks. wide, 1 ft. deep, course NE.  
 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, marked  
 $\frac{1}{4}$  S 27 on N., and  
 $\frac{1}{4}$  S 34 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.  
 79.96 Cor. of secs. 26, 27, 34 and 35.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, very scattering palo verde.  
 Undergrowth, greasewood brush.

N.  $0^{\circ}2'E.$ , bet. secs. 26 and 27.  
 Over level land, through greasewood brush.  
 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 27 on W., and  
 $\frac{1}{4}$  S 26 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.  
 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, marked  
 T 7 S R 4 E on N. half;  
 S 23 in NE.,  
 S 26 in SE.,  
 S 27 in SW., and  
 S 22 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.  
 No timber.  
 Undergrowth, greasewood brush and scattering mesquite.

West, on a random line, bet. secs. 22 and 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line, 9 lks. S. of cor. of secs. 21, 22, 27  
 and 28.  
 Thence I run,  
 S.  $89^{\circ}56'E.$ , on a true line, bet. secs. 22 and 27.  
 Over level land, through greasewood brush.  
 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,  
 $\frac{1}{4}$  S 22 on N., and  
 $\frac{1}{4}$  S 27 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.  
 80.00 Cor. of secs. 22, 23, 26 and 27.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 No timber.  
 Undergrowth, greasewood brush and scattering mesquite.

Subdivision of T.7 S., R.4 E.

Chains

N. 0° 2' E. bet. secs. 22 and 23.  
 Over level land, through scattering mesquite brush.  
 2.80 Dim road, brs. NW. and SE.  
 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 22 on W. and  
 S 23 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.  
 42.10 Wash, 50 lks. wide, 4 ft. deep, course, NW.  
 65.00 Wash, 20 lks. wide, 3 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 7 S R 4 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.  
 Dig pits 18 X 18 X 12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and  
 raise a mound of earth 4 ft. base, 2 ft. high W. of  
 cor.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 No timber.  
 Undergrowth, greasewood brush and scattering mesquite.  
 At this cor. I set off 11° 21' N. on the decl. arc; and  
 at apparent noon observe the sun on the mer.; the  
 resulting lat. is 32° 49' N.

West on a random line bet. secs. 15 and 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.93 Intersect N. and S. line 18 lks. S. of cor. of secs.  
 15, 16, 21 and 22.  
 Thence I run  
 S. 89° 52' E. on a true line bet. secs. 15 and 22.  
 Over level land, through greasewood brush and scattering  
 mesquite.  
 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 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.  
 71.73 Wash, 30 lks. wide, 4 ft. deep, course, NW.  
 74.73 Wash, 20 lks. wide, 3 ft. deep, course, NW.  
 76.38 Wash, 20 lks. wide, 3 ft. deep, course, NW.  
 79.93 Cor of secs. 14, 15, 22 and 23.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 No timber.  
 Undergrowth, greasewood brush and scattering mesquite.

N. 0° 2' E. bet. secs. 14 and 15.  
 Over level land, through greasewood brush.  
 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 15 on W. and  
 S 14 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.

18.

Subdivision of T.7 S., R.4 E.

Chains  
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 4 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.

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

Land, level.

Soil, sandy adobe, 1st rate.

No timber.

Undergrowth, greasewood and scattering mesquite.

40.00  
79.95

West on a random line bet. secs. 10 and 15.

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

Intersect N. and S. line 18 lks. S. of cor. of secs. 9, 10, 15 and 16,

Thence I run

S  $89^{\circ} 52'$  E. on a true line bet. secs. 10 and 15.

Over level land, through greasewood brush and scattering mesquite.

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 10 on N. and  
S 15 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.

42.55

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

47.25

Wash, 20 lks. wide, 3 ft. deep, course, NW.

79.95

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

Land, level.

Soil, sandy adobe, 1st rate.

No timber.

Undergrowth, greasewood brush and scattering mesquite.

Apr. 20, 1915.

Apr. 22, 1915.

N.  $0^{\circ} 2'$  E. bet. secs. 10 and 11.

Over level land, through greasewood brush and scattering mesquite.

25.00 m

Enter rolling land, over low sand dunes.

40.00

Leave sand, brs. E. and W.

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

$\frac{1}{4}$  S 10 on W. and  
S 11 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.

50.00

Cross low sand dune, 10 ft. high, brs. E. and W. about 10 chs. dist.

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 7 S R 4 E on N. half,  
S 2 in NE.  
S 11 in SE.  
S 10 in SW. and  
S 3 in NW. quadrants,  
1915 on S. rim.

Subdivision of Township 7 South, Range 4 East, 19.

Chains Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level.  
Soil, sandy adobe, 1st rate,  
No timber.  
Undergrowth, greasewood brush, and scattering mesquite.  
At this cor. I set off 12° 2' N. of the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 50' N.

40.00 West, on a random line, bet. secs. 3 and 10.  
79.97 Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 3 lks. S. of cor. of secs. 3, 4, 9 and 10.  
Thence I run,  
S. 89° 59' E., on a true line, bet. secs. 3 and 10.  
Over level land, through greasewood brush.  
28.07 Wash, 40 lks. wide, 4 ft. deep, course NW.  
39.98 1/2 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked  
S 3 on N., and  
S 10 on S. half;  
1915 on S. rim.  
79.97 Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 high, N. of cor. Cor. of secs. 2, 3, 10 and 11.  
Land, level.  
Soil, sandy loam and adobe, 1st rate.  
No timber.  
Undergrowth, greasewood brush and sage brush.

40.00 N. 0° 2' E., on a true line, bet. secs. 2 and 3.  
Over level land, through greasewood brush and scattering sage brush.  
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked  
S 3 on W., and  
S 2 on E half;  
1915 on S. rim.

55.33 Dig pits 18x18x12 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.  
Intersect S. bdy. of T. 6 S., R. 4 E., 46 lks. E. of cor. of secs. 3, 4, 33 and 34, 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. I change markings and accessories of this cor. in proper manner to make it refer to secs. 33 and 34 only, and at my 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 4 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 1/4 sec. cor. on S. bdy. of sec. 34 in proper manner to make it refer to sec. 34, T. 6 S., R. 4 E. only.  
Land, level.  
Soil, sandy loam, and adobe, 1st rate.  
No timber.  
Undergrowth, greasewood and scattering mesquite.  
April 22, 1915.

## 20. Subdivision of Township 7 South, Range 4 East.

Chains.	Apr. 17, 1915. At 10h. a.m., l.m.t., I set off $32^{\circ}46'N.$ on the lat. arc; $10^{\circ}17'N.$ on the decl. arc, and determine a meridian with the solar at the cor. of secs. 35 and 36 on S. bdy. of Tp., established by W.K. Kierulff, U.S. Transitman, and described in Book "B."
	Thence I run, N. $0^{\circ}3'E.$ , bet. secs. 35 and 36. Over level land, through greasewood brush and scattering mesquite.
7.70	Wash, 15 lks. wide, 3 ft. deep, course NW.
13.50	Wash, 50 lks. wide, 5 ft. deep, course NW.
32.90	Wash, 40 lks. wide, 3 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, marked $\frac{1}{4}$ S 35 on W., and S 36 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.
50.00	Enter dense greasewood brush, brs. E. and W.
53.50	A mesquite post 3 ins. square, 2 ft. above ground, brs. E. 46 lks. dist., marked 1 notch on S., and 2 notches on E. edges. Brushed line brs. E. and W. from post.
64.70	Wash, 30 lks. wide, 3 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, marked T 7 S R 4 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.
	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. No timber. Undergrowth, greasewood brush, scattering mesquite and sage brush.
	April 17, 1915.
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	Apr. 20, 1915. From cor. of secs. 26, 27, 34 and 35, I run, East, on a random line, bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, at cor. of secs. 25, 26, 35 and 36. Thence I run, West, on a true line, bet. secs. 26 and 35. Over level land, through greasewood brush.
5.00	Wash, 30 lks. wide, 4 ft. deep, course NW.
15.50	Wash, 30 lks. wide, 3 ft. deep, course NW.
19.70	Wash, 40 lks. wide, 4 ft. deep, course NW.
24.00	Wash, 30 lks. wide, 4 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, marked $\frac{1}{4}$ S 26 on N., and S 35 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.
46.90	Dim road brs. NW. and SE.
80.02	Cor. of secs. 26, 27, 34 and 35. Land, level. Soil, sandy loam, 1st rate.

Subdivision of T.7 S., R.4 E.

Chains

No timber.  
Undergrowth, greasewood brush, scattering mesquite and sagebrush.  
Apr. 20, 1915.

Apr. 17, 1915. From cor. of secs. 25, 26, 35 & 36, I run, East on a true line bet. secs. 25 and 36.

40.00 Over level land, through scattering greasewood brush and mesquite.  
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.  
1/4 S 25 on N. and  
S 36 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 1/2 ft. base, 1 1/2 ft. high N. of cor.

87.30 Road, brs. S. and N. 10° W.

125.00 Malpais hill, 25 chs. long, N. and S., 20 chs. wide, E. and W. brs. S. 25 chs. dist.; 10 chs. to foot.

137.50 Dim road, brs. NE. and SW.

160.57 Intersect W. bdy. of T.7 S. R.4 E. (1st Guide Mer E.) 14.22 chs. S. 0° 9' E. of 1/4 sec. cor. of sec. 30, reestablished by me and described in Book "A", etc.

At my point of intersection, I "V".  
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 25 and 36, with brass cap mkd.

C C W. of center.  
S 36 in SW. and  
T 7 S R 4 E S 25 in NW. quadrants,  
1915 on S. rim.

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

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

From cor. of secs. 25, 26, 35 and 36, I run, N. 0° 3' E. bet. secs. 25 and 26.

Over level land, through greasewood and scattering mesquite brush.

37.53 Mesquite post 4 ins. square on line, mkd. 2 notches on N. and S. edges.

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.  
1/4 S 26 on W. and  
S 25 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 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. 23, 24, 25 and 26, with brass cap mkd.

T 7 S R 4 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.

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, adobe, 1st rate.  
No timber.  
Undergrowth, greasewood brush and scattering mesquite.

22.

## Subdivision of T.7 S., R.4 E.

Chains	Apr. 20, 1915. West on a random line bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 2 lks. S. of cor. of secs. 22, 23, 26 and 27. Thence I run S. $89^{\circ} 59'$ E. on a true line bet. secs. 23 and 26. Over level land, through greasewood brush and scattering mesquite.
2.00	Dim road, brs. NW. and SE.
21.10	Wash, 15 lks. wide, 3 ft. deep, course, NW.
24.40	Wash, 30 lks. wide, 4 ft. deep, course, NW.
28.90	Wash, 40 lks. wide, 3 ft. deep, course, NW.
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 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.
79.98	Cor. of secs. 23, 24, 25 and 26. Land, level. Soil, adobe, 1st rate. No timber. Undergrowth, scattering greasewood and mesquite brush, Apr. 20, 1915.
	Apr. 21, 1915, at 8h., a.m., l.m.t., I set off $32^{\circ} 48'$ N. on the lat. arc; $11^{\circ} 39'$ N. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 23, 24, 25 and 26. Thence I run East on a true line bet. secs. 24 and 25. Over level land, through greasewood brush.
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.
	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.
44.70	Road, brs. NW. and SE.
160.37	Intersect W. bay of T.7 S., R.5 E. (1st. Guide Mer. E.) 14.40 chs. S. $0^{\circ} 18'$ E. of $\frac{1}{4}$ sec. cor. of sec. 19, reestablished by me, and described in Book "A." At my pt. of intersection I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 24 and 25, with brass cap, marked C C W. of center. S. 25 in SW. and T 7 S R 4 E S 24 in NW. quadrants, 1915 on S. rim.
	Dig pits 24 X 18 X 12 ins. crosswise on each line, N. and S. 3 ft., and W. of cor. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level. Soil, adobe, 1st rate. No timber. Undergrowth, greasewood brush and scattering mesquite.



## Subdivision of T.7 S., R.4 E.

23.

Chains	From cor. of secs. 23, 24, 25 and 26, I run, N. 0° 3' E. bet. secs. 23 and 24. Over level land, through greasewood and mesquite brush. 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 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 $3\frac{1}{2}$ 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 7 S R 4 E on N. half, S 13 in NE. S 24 in SE. S 23 in SW. and S 14 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, sandy adobe, 1st rate. No timber. Undergrowth, greasewood brush and scattering mesquite.
40.00	West on a random line bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.
80.05	Intersect N. and S. line at cor. of secs. 14, 15, 22 and 23. Thence I run East on a true line bet. secs. 14 and 23. Over level land, through greasewood brush and scattering mesquite,
4.15	Wash, 15 lks. wide, 3 ft. deep, course, NE.
25.25	Wash, 20 lks. wide, 3 ft. deep, course, NW.
40.02 $\frac{1}{2}$	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 14 on N. and S 23 on S. half, 1915 on S. rim.
80.05	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. Cor. of secs. 13, 14, 23 and 24. Land, level. Soil, adobe, 1st rate. No timber. Undergrowth, greasewood brush and scattering mesquite.
38.90	East on a true line bet. secs. 13 and 24. Over level land, through greasewood brush. Road, brs. NW. and SE.
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 13 on N. and S 24 on S. half, 1915 on S. rim.
140.00	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.
160.21	Leave greasewood brush brs. NW. and SE. Intersect W. bdy. of T. 7 S., R. 5 E., (1st. Guide Meridian cor. E.) 14.81 chs. S. 0° 1' E. of $\frac{1}{4}$ sec. cor. of sec. 18, reestab- lished by me and described in Book "A." At my point of intersection, I

24.

## Subdivision of T.7 S., R.4 E.

Chains

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 13 and 24, with brass cap mkd.

C C W. of center.

S 24 in SW. and

T 7 S R 4 E S 13 in NW. quadrants,  
1915 on S. rim.

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

Land, level.

Soil, adobe, 1st rate.

No timber.

Undergrowth, greasewood brush and scattering mesquite.

From cor. of secs. 13, 14, 23 and 24. I run,  
N.  $0^{\circ} 3'$  E. bet. secs. 13 and 14.

Over level land, through greasewood brush.

40.00

Set an iron post 3 ft long, lin. 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.

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.

T 7 S. R 4 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, adobe, 1st rate.

No timber.

Undergrowth, greasewood brush and scattering mesquite.

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  $32^{\circ} 49\frac{1}{2}'$  N.

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

40.00

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

80.07

Intersect N. and S line at cor. of secs. 10, 11, 14 and 15.

Thence I run

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

Over level land, through greasewood brush and mesquite, and sagebrush.

25.00

Top of small sand dune, 15 ft. high, 5 chs., across,

30.57

Wash, 20 lks. wide, 3 ft. deep, course, NW.

40.03 $\frac{1}{2}$ 

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 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high

80.07

Cor. of secs. 11, 12, 13 and 14. (N. of cor.)

Land, level.

Soil, sandy loam, 1st rate.

No timber.

Undergrowth, greasewood and mesquite brush.

Subdivision of T. 7 S., R. 4 E.

Chains

15.00 East on a true line bet. secs. 12 and 13.  
 Over level land, through greasewood and scattering mesquite.  
 Road brs. NW. and SE.

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 12 on N. and  
 S 13 on S. half,  
 1915 on S. rim.

159.97 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.

Intersect W. bdy. of T. 7 S., R. 5 E. (1st Guide Mer. E.) 15.04  
 chgs. S. 0° 12' E. of  $\frac{1}{4}$  sec. cor. of sec. 7 preestablished by  
 me and described in book "A". At my 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. 12 and 13, with  
 brass cap marked,  
 C C W. of center,  
 S 13 in SW. and  
 T 7 S R 4 E S 12 in NW. quadrants,  
 1915 on S. rim.

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

Land, level.  
 Soil, adobe, 1st rate.  
 No timber.  
 Undergrowth, greasewood brush and scattering mesquite.  
 Apr. 21, 1915.

Apr. 22, 1915, at 8h., a.m., l.m.t., I set off 32° 50' N.  
 on the lat. arc; 11° 59' N. on the decl. arc; and  
 determine a mer. with the solar, at the cor. of secs.  
 11, 12, 13 and 14.

Thence I run  
 N. 0° 3' E. bet. secs. 11 and 12.

40.00 Over level land, through greasewood brush.  
 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 11 on W. and  
 S 12 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.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
 the ground for cor. of secs. 1, 2, 11 and 12, with  
 brass cap mkd.  
 T 7 S R 4 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 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, adobe, 1st rate.  
 No timber.  
 Undergrowth, greasewood brush.

26.

## Subdivision of T.7 S., R.4 E.

Chains	
40:00	West on a random line bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line at cor. of secs. 2, 3, 10 and 11. Thence I run
	East on a true line bet. secs. 2 and 11. Over level land, through greasewood brush.
40.03	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 2 on N. and S 11 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.
80.06	Cor. of secs. 1, 2, 11 and 12. Land, level. Soil, adobe, 1st rate. No timber. Undergrowth, greasewood brush, and scattering mesquite.
	East on a true line bet. secs. 1 and 12. Over level land, through greasewood brush.
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 1 on N. and S 12 on S. half, 1915 on S. rim,
	from which, A mesquite, 6 ins. in diam., brs. S. $21^{\circ} 20'$ E. 164 lks. dist. mkd. $\frac{1}{4}$ S 12 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.
70.00	Enter land subject to overflow, slope to the NW.
100.00	Leave land subject to overflow, slope to the NW.
159.67	Intersect W. bdy. of T.7 S., R.4 E. (1st Guide Mer. E.) 15.33- chs. S. $0^{\circ} 15'$ E. of $\frac{1}{4}$ sec. cor. of sec. 6, reestablished by me and described in book "A". At my 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 12, with brass cap marked
	C. C W. of center. S 12 in SW. and T 7 S R 4 E S 1 in NW. quadrants, 1915 on S. rim.
	Dig pits 24 X 18 X 12 ins. crosswise on each line, N. and S., 3 ft. and W. of cor. 7 ft. dist. and raise mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level. Soil, adobe, 1st rate. No timber. Undergrowth, greasewood brush and scattering mesquite.
	From cor. of secs. 1, 2, 11 and 12, I run, N. $0^{\circ} 3'$ E. on a true line bet. secs. 1 and 2. Over level land, through greasewood brush and scattering mesquite.
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 2 in W. and S 1 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.
55.40	Intersect S. bdy. of T.6 S., R.4 E. 45 lks. E. of cor. of secs. 23, 34 and 35. E., which is an iron post 3 ft. long, 3 ins. in diam., 1 ft. above ground, mkd. and wit- nessed as described by the Surveyor General.

Subdivision of Township 7 South, Range 4 East.

Chains.

I change markings and accessories of this cor. in proper manner to make it refer to secs. 34 and 35 only, and at my 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 4 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. 35 and 36 in proper manner to make them refer to secs. 35 and 36, T. 6 S., R. 4 E. only.

Land, level.

Soil, adobe, 1st rate.

No timber.

Undergrowth, greasewood brush and scattering mesquite.

W.H.T. Apr. 22, 1915.

GENERAL DESCRIPTION.

This township is level, or nearly so, there being only the point of a small hill in the SW. corner of the Tp. The soil varies from stony and gravelly in the SW. part to sandy and sandy loam in the central portion to adobe in the East and NE. parts.

Ironwood and scattering palo verde grows along the washes and quite plentiful in the SW. and W. parts, with scrub mesquite throughout the remainder of the Tp.

The principal undergrowth is greasewood brush, with scattering mesquite and sagebrush in the E. and N. parts.

No water has been found or developed.

A native grass, called Indian wheat grows for a short time in the spring, and then dies out. It makes a good forage for live stock.

There are no settlers.

300  
BOOK 2907  
~~30 28~~

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 accord-  
ance 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 Subdivision Lines of \_\_\_\_\_  
\_\_\_\_\_ Township 7 South, Range 4 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, 1915, 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.

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

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