

2896

Book "F."
4-679

(Subdivisions)

BOOK 2896

335
1
Mar 5-1917

FIELD NOTES

OF THE SURVEY OF THE

PARTIAL SUBDIVISION

OF

TOWNSHIP 10 SOUTH, RANGE 5 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 January 18,, 1915.

Survey completed January 21,, 1915.

Executed under assignment
Instructions dated Sept. 30, 1914.

2896

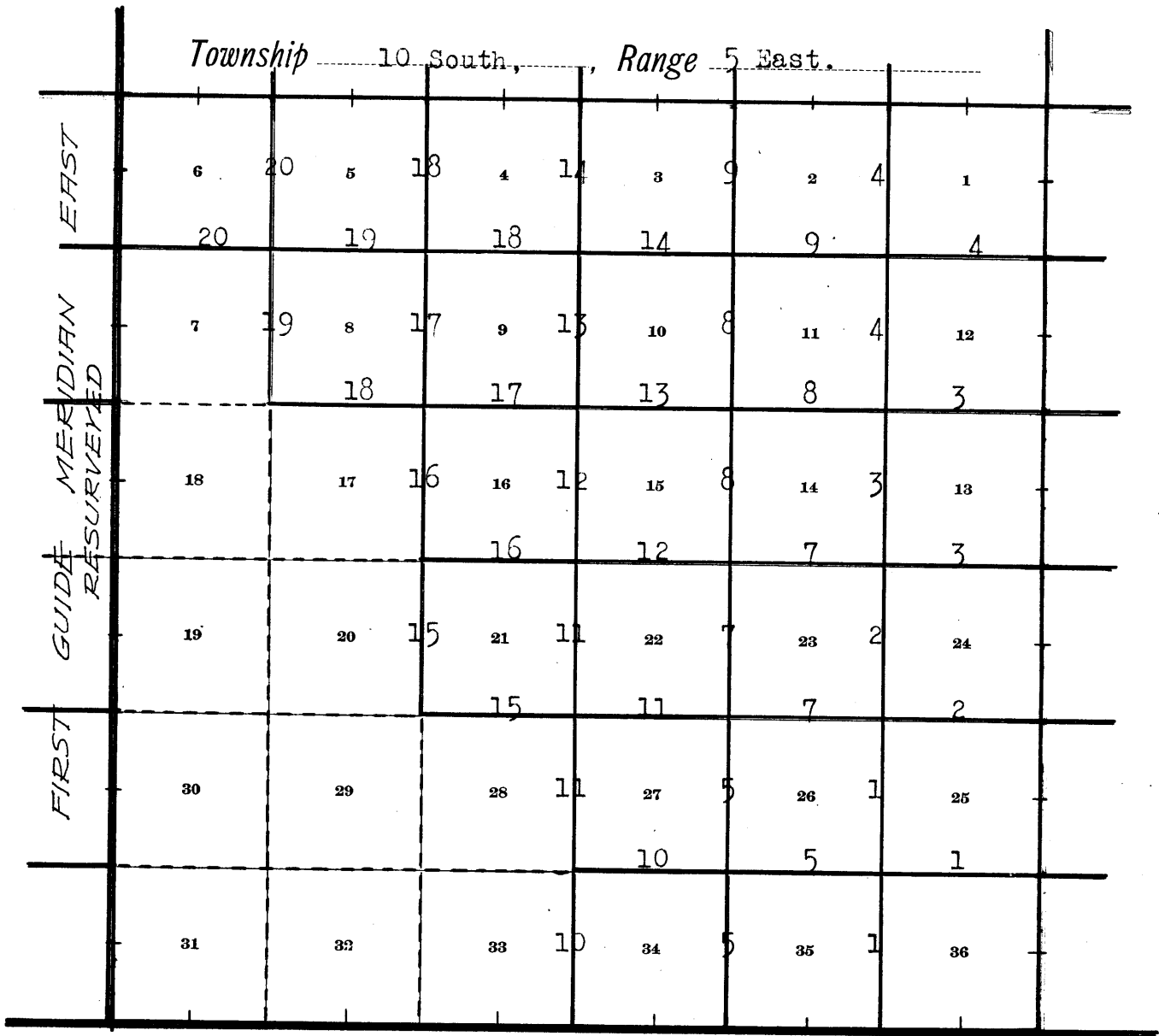
2896

1A





Book "F."
 (Subdivisions)
 Group 38 - Arizona.

BOOK 2096

INDEX DIAGRAM.



2ND. STANDARD PARALLEL SOUTH,
 RESURVEYED.

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

Partial Subdivision of Township 10 South, Range 5 East. 18

Chains.

Survey of Subdivision lines described in the following field notes, executed by W.H.Thorn, U.S.Surveyor, and W. K. Kierulff, U.S.Transitman, their initials "W.H.T." and "W.K.K." being inserted at the beginning and ending of those portions of the notes describing their respective surveys.

W.K.K.
Survey commenced Jan.18,1915, and executed with a Young and Son's light mountain transit No.8492, as described in Book "A."

I examine the transit for level and collimation errors, and find it to be in good adjustment.
For field test of the solar apparatus on a meridian established by observations on Polaris, see notes of the E.bdy. of Tp. in Book "B."

At 8h. a.m.,l.m.t., I set off 32°30½' N. on the lat.arc; 20°37'S. on the decl.arc, and determine a meridian with the solar at the standard cor.of secs. 35 and 36, on S. bdy.of Tp., (2nd.Std.Parallel S.)reestablished by W.H.T. as described in Book "A."

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

Over level land.

18.50 Wash, 10 lks.wide, 2 ft. deep, course N. 5°W.
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor., with brass cap, marked

¼ 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 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. 25,26, 35 and 36, with brass cap, marked

T 10 S R 5 E on N.half;
S 25 in NE.,
S 36 in SE.,
S 35 on SW., and
S 26 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, adobe, 1st rate.

Undergrowth, greasewood and mesquite brush.

East, on a random line, bet1 secs. 25 and 36.

40.00 Set temp.¼ sec.cor.

80.09 Intersect E. bdy. of Tp. at true point for cor.of secs. 25, 30,31 and 36 (witness cor.75 lks.N.established by me, and described in Book "B.") From cor.point, I run, West, on a true line, bet, secs.25 and 36.
Over level land.

8.00 Wash, 12 lks.wide, 3 ft. deep, course N.

40.04½ 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 25 on N., and
S 36 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.

61.00 Wash, 12 lks.wide, 3 ft. deep, course NE.

80.09 Cor.of secs. 25,26,35 and 36.

Land,level.

Soil, adobe, 1st rate.

Undergrowth, greasewood and mesquite brush.

2. Partial Subdivision of Township 10 South Range 5 East

Chains.	
	N.0° 1' W., bet. secs. 25 and 26. Over level land.
30.20	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, marked S 26 on W., and S 25 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. 23, 24, 25 and 26, with brass cap, marked T 10 S R 5 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 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, adobe, 1st rate. Undergrowth, greasewood and mesquite brush.

	East, on a random line, bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.09	Intersect E. bdy. of Tp., at cor. of secs. 19, 24, 25 and 30, established by me and described in Book "B." Thence I run, West, on a true line, bet. secs. 24 and 25. Over level land.
15.10	Wash, 10 lks. wide, 1 ft. deep, course N.
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, marked $\frac{1}{4}$ S 24 on N., and S 25 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.
73.30	Wash, 10 lks. wide, $1\frac{1}{2}$ ft. deep, course N.
79.99	Wash, 10 lks. wide, 1 ft. deep, course N.
80.09	Cor. of secs. 23, 24, 25 and 26. Land, level. Soil, adobe, 1st rate. Undergrowth, greasewood and mesquite brush. At this cor., I set off 20° 37 $\frac{1}{2}$ ' S. on the decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 32' N.

	N.0° 1' W., bet. secs. 23 and 24. Over level land.
4.80	Wash, 10 lks. wide, 1 ft. deep, course N.5° W.
18.10	Wash, 10 lks. wide, 1 ft. deep, course N.5° 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 S 23 on W., and S 24 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. 13, 14, 23 and 24, with brass cap, marked T 10 S R 5 E on N. half; S 13 in NE., S 24 in SE.,

Chains.

- S 23 in SW., and
S 14 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, adobe, 1st rate.
Undergrowth, greasewood and mesquite brush.
-
- East, on a random line, bet. secs. 13 and 24.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.15 Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 13, 18,
19 and 24, established by me and described in Book "B."
Thence I run,
S. 89° 59' W. on a true line, bet. secs. 13 and 24.
Over level land.
40.07 $\frac{1}{2}$ 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, marked
 $\frac{1}{4}$ S 13 in N. half;
 $\frac{1}{4}$ S 24 in 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.
66.15 Wash, 10 lks. wide, 1 ft. deep, course N.
80.15 Cor. of secs. 13, 14, 23 and 24.
Land, level.
Soil, adobe, 1st rate.
Undergrowth, greasewood and mesquite brush.
-
- N. 0° 1' W., bet. secs. 13 and 14.
Over level land.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 14 on W., and
 $\frac{1}{4}$ S 13 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. 11, 12, 13 and 14, with
brass cap, marked
T 10 S R 5 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 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, adobe, 1st rate.
Undergrowth, greasewood and mesquite brush.
-
- East, on a random line, bet. secs. 12 and 13.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.17 Intersect E. bdy. of Tp., 2 lks. S. of cor. of secs. 7, 12, 13
and 18, established by me and described in Book "B."
Thence I run,
S. 89° 59' W. on a true line, bet. secs. 12 and 13.
Over level land.
40.08 $\frac{1}{2}$ 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, marked
 $\frac{1}{4}$ S 12 on N., and
 $\frac{1}{4}$ S 13 in 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, W. of
cor.

A. Partial Subdivision of Township 10 South, Range 5 West.

Chains.	
63.87	Wash, 30 lks. wide, 2 ft. deep, course N.
74.67	Wash, 10 lks. wide, 1 ft. deep, course N.
80.17	Cor. of secs. 11, 12, 13 and 14. Land, level. Soil, adobe, 1st rate. Undergrowth, sage brush and mesquite. Jan. 18, 1915.

	Jan. 19, 1915: At 8h. a.m., l.m.t., I set off $32^{\circ} 34' N.$, on the lat. arc; $29^{\circ} 25\frac{1}{2}' S.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 and 14. Thence I run, N. $0^{\circ} 1' W.$, bet. secs. 11 and 12. Over level land.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 11 on W., and S 12 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. 1, 2, 11 and 12, with brass cap, marked T 10 S R 5 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, adobe, 1st rate. Undergrowth, sage brush.

	East, on a random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.21	Intersect E. bdy. of Tp. at cor. of secs. 1, 6, 7 and 12, established by me, and described in Book "B." Thence I run, West, on a true line, bet. secs. 1 and 12. Over level land.
40.10 $\frac{1}{2}$	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, marked $\frac{1}{4}$ S 1 on N., and S 12 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.
41.90	Wash, 10 lks. wide, 1 ft. deep, course N.
66.50	Wash, 10 lks. wide, 2 ft. deep, course N. $5^{\circ} W.$
80.21	Cor. of secs. 1, 2, 11 and 12. Land, level. Soil, adobe, 1st rate. Undergrowth, sage brush.

	From the cor. of secs. 1, 2, 11 and 12, a flag in sight at the cor. of secs. 1, 2, 35 and 36, brs. N. $0^{\circ} 8' E.$ Therefore, I run, N. $0^{\circ} 8' E.$ on a true line, bet. secs. 1 and 2. Over level land.
17.40	Wash, 12 lks. wide, 2 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

Chains

$\frac{1}{4}$ S.2 on 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.
 44.70 Wash 10 lks. wide, 2 ft. deep, course NW.
 80.00 Cor. of secs. 1, 2, 35 and 36 on N. bdy. of Tp. established by
 me, and described in Book "B."
 Land, level.
 Soil, adobe, 1st rate.
 Undergrowth, sagebrush.
 W.K.K. Jan. 19, 1915.

W.H.T.
 Survey commenced Jan. 18, 1915, and executed with a Young
 and Sons light mountain transit No. 8592, de-
 scribed in book "A".
 I test the transit for level and collimation errors and
 find it to be in good adjustment.
 Jan. 15, the solar apparatus was tested every hour from
 9 h., a.m. to 3 h., p.m., on the 2nd
 std. parallel S. during the resurvey for this day
 and this line was proven to be due E. and W. as shown
 by observation on Polaris at E.E. and described in
 book "A". Therefore I conclude that the adjustments
 of the solar are satisfactory.
 Jan. 18, at 8 h., a.m., I set off $32^{\circ} 30\frac{1}{2}'$ N. on the
 lat. arc; $20^{\circ} 38'$ S. on the decl. arc; and determine
 a mer. with the solar, at the std. cor. of secs.
 34 and 35, on S. bdy. of Tp. (2nd Std. Par. S.) established
 by me, and described in Book "A."
 Thence I run
 N. $0^{\circ} 1'$ W. bet. secs. 34 and 35.
 Over level land, through dense brush.
 18.90 Wash 20 lks. wide, 1 ft. deep, course E.
 26.80 Wash, 15 lks. wide, 1 ft. deep, course E.
 35.00 Wash, 15 lks. wide, 1 ft. deep, course E.
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. with brass cap mki.
 $\frac{1}{4}$ S 34 on W. and
 S 35 on E. half,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist.
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
 W. of cor.
 52.80 Wash, 20 lks. wide, 1 ft. deep, course E.
 68.80 Wash, 20 lks. wide, 1 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. 26, 27, 34 and 35, with
 brass cap mki.
 T 10 S R 5 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,
 from which,
 An iron wood 6 ins. in diam. brs. N. 79° E.
 14 lks. dist. mki. T 10 S R 5 E S 26 B T
 An iron wood 3 ins. in diam. brs. S. 4° E. 162
 lks. dist. mki. T 10 S R 5 E S 35 B T.
 An iron wood 8 ins. in diam. brs. S. 43° W.
 111 lks. dist. mki. T 10 S R 5 E S 34 B T.
 No other trees within limits.
 Build a mound of stone 3 ft. base 2 ft. high W. of cor.

6.

Partial subdivision of T.10 S.R.5 E.

Chains	
	<p>Land, level. Soil, gravelly, 3rd rate. Timber, palo verde and iron wood. Undergrowth, greasewood and cactus.</p>
40.00	<p>E. on a random line bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor.</p>
79.95	<p>Intersect N. and S. line, 2 lks. S. of cor. of secs. 25, 26, 35 and 36. Thence I run S. $89^{\circ} 59'$ W. on a true line bet. secs. 26 and 35. Over level land.</p>
19.00	<p>Old road, brs. N. 60° E. and S. 60° W.</p>
39.97 $\frac{1}{2}$	<p>Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 26 on N. and S 35 on S. half, and 1915 on S. rim.</p>
	<p>No 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.</p>
79.95	<p>Cor. of secs. 26, 27, 34 and 35. Land, level. Soil, 60 chs. sandy, 2nd rate; 20 chs. gravelly, 3rd rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood and cactus.</p>
	<p>N. 0° 1' W. bet. secs. 26 and 27. Over level land.</p>
6.00	<p>Wash, 20 lks. wide, 1 ft. deep, course N. 70° E.</p>
16.00	<p>Old road, brs. N. 60° E. and S. 60° W.</p>
29.70	<p>Wash, 30 lks. wide, 1 ft. deep, course N. 60° W.</p>
40.00	<p>Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 27 on W. and S 26 on E. half, and 1915 on S. rim,</p>
	<p>No trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.</p>
80.00	<p>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. 10 S R 5 E on N. half; S 23 in NE. S 26 in SE. S 27 in SW. and S 22 in NW. quadrants, and 1915 on S. rim,</p>
	<p>from which, An iron wood 10 ins. in diam. brs. N. $0^{\circ} 30'$ E. 249 lks. dist. mkd. T 10 S R 5 E S 23 B T. An iron wood 8 ins. in diam. brs., S. $51^{\circ} 35'$ E. 278 lks. dist. mkd. T 10 S R 5 E S 26 B T. An iron wood 8 ins. in diam. brs., S. $58^{\circ} 30'$ W. 259 lks. dist., mkd. T 10 S R 5 E S 27 B T.</p>
	<p>No other trees within limits. Dig pits 18 X 18 X 12 ins. in each sec, $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.</p>
	<p>Land, level. Soil, sandy, 2nd rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush and cactus. At this cor. I set off $20^{\circ} 37'$ S. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is $32^{\circ} 32'$ N.</p>

Partial subdivision of T.10 S., R.5 E.

Chains	
40.00 79.97	<p>East 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. 23, 24, 25 and 26. Thence I run S. $89^{\circ} 59'$ W. on a true line bet. secs. 23 and 26. Over level land. Road hrs. N. 30° W. and S. 30° 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 23 on N. and S 26 on S. half, 1915 on S. rim.</p> <p>No 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.</p> <p>79.97 Cor. of secs. 22, 23, 26 and 27. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood and cactus.</p>
40.00 44.60 63.00 80.00	<p>N. $0^{\circ} 1'$ W. bet. secs. 23 and 23. 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 22 on W. and S 23 on E. half, 1915 on S. rim,</p> <p>from which, An iron wood 8 ins. in diam. hrs., N. $16\frac{1}{2}^{\circ}$ E. 101 lks. dist. mkd. $\frac{1}{4}$ S 23 B T. An iron wood 12 ins. in diam. hrs., S. $1\frac{1}{2}^{\circ}$ W. 273 lks. dist. mkd., $\frac{1}{4}$ S 22 B T.</p> <p>44.60 Wash, 10 lks. wide, 1 ft. deep, course N. 70° E. 63.00 Wash, 15 lks wide, 1 ft. deep, course N. 50° E. 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 10 S R 5 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,</p> <p>No 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 and cactus.</p>
40.00 80.02 14.00 40.01	<p>East, on a random line bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor. 80.02 Intersect N. and S. line at cor. of secs. 13, 14, 23 and 24. Thence I run West, on a true line bet. secs. 14 and 23. 14.00 Wash, 20 lks. wide, 1 ft. deep, course N. 40.01 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S 14 on N. and S 23 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.</p>

8. Partial subdivision of T.10 S., R.5 E.

Chains

and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high
N. of cor.
59.00 Wash, 15 lks. wide, 1 ft. deep, course NE.
70.00 Road, brs. S. 50° E. and N. 40° W.
80.02 Cor. of secs. 14, 15, 22 and 23.
Land, level.
Soil, sandy loam, 1st rate.
Undergrowth, greasewood and mesquite brush.

N. 0° 1' W. on a true line bet. secs. 14 and 15.
Over level land.
24.00 Road, brs. N. 30° W. and S. 30° 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 15 on N. 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.
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 mki.
T 10 S R 5 E on N. half;
S 11 on 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 loam, 1st rate.
Undergrowth, greasewood and mesquite brush.

East on a random line bet. secs. 11 and 14.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.05 Intersect N. and S. line 2 lks. S. of cor. of secs.
11, 12, 13 and 14.
Thence I run
S. $89^\circ 59'$ W. on a true line bet. secs. 11 and 14.
Over level land, through greasewood brush.
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 11 on N. and
S 14 on S. 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
N. of cor.
80.05 Cor. of secs. 10, 11, 14 and 15.
Land, level.
Soil, sandy loam, 1st rate.
Undergrowth, greasewood and mesquite brush.
W.H.T, Jan. 18, 1915.

W.K.K.
Jan. 19, 1915.
N. 0° 1' W. bet. secs. 10 and 11.
Over level land.
40.00 Set an iron post 3 ft long 1 in. in diam. 26 ins. in th
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.

Partial subdivision of T10 S., R.5 E.

Chains

80.00 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. 2, 3, 10 and 11, with brass cap mkd.
 T 10 S R 5 E on N. half;
 S 2 in NE.
 S 11 in SE.
 S 10 in SW. and
 S 3 in NW. quadrants, and
 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.
 Undergrowth, sagebrush.
 At this cor., I set off $20^{\circ} 25'$ S. on the decl. arc, and at apparent noon observe the sun on the mer. The resulting lat. is $32^{\circ} 34\frac{1}{2}'$ N.

East, on a random line bet. secs. 2 and 11.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.05 Intersect N. and S. line 2 lks. S. of cor. of secs. 1, 2, 11 and 12.
 Thence I run
 S. $89^{\circ} 59'$ W. on a true line bet. secs. 2 and 11.
 Over level land.
 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 2 on N. and
 S 11 on S. half, and
 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.
 80.05 Cor. of secs. 2, 3, 10 and 11.
 Land, level.
 Soil, adobe, 1st rate.
 Undergrowth, sagebrush.

From this cor. a flag in sight at the cor. of secs. 2, 3, 34 & 35 on N. bdy. of Tp. brs., N. $0^{\circ} 10'$ E.
 Therefore, I run,
 N. $0^{\circ} 10'$ E. on a true line bet. secs. 2 and 3.
 Over level land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap mkd.
 $\frac{1}{4}$ S 3 on W. and
 S 2 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 Cor. of secs. 2, 3, 34 and 35, on ^{bdy. of Tp.,} established by me and described in book "B."
 Land, level.
 Soil, adobe, 1st rate.
 Undergrowth, sagebrush.

W.K.K. Jan, 19, 1915.

10.

Partial subdivision of T.10 S., R.5 E.

Chains

W.H.T.

Jan. 19, 1915, at 9 h., a.m. l.m.t., I set off $32^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $20^{\circ} 26'$ S. on the decl. arc; and determine a mer. with the solar at the std. cor. of secs. 33 and 34, on S. body of Tp. (2nd. Std. Par. S.) reestablished by me and described in Book "A."

Thence I run,

N. $0^{\circ} 2'$ W. bet. secs. 33 and 34.

Over rolling and hilly land.

10.70 Ravine, 60 lks. wide, 8 ft. deep, course, S. 70° E.31.50 Ravine, 1 ch. wide, 8 ft. deep, course, N. 45° 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 33 on W. and

S 34 on E. half, and

1915 on S. rim.

No trees within limits.

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

Ascend gradual SE. slope.

57.50 Descend gradual NE. slope.

67.10 Wash, 20 lks. wide, 4 ft. deep, course, N. 45° E.72.00 Wash, 30 lks. wide, 6 ft. deep, course, N. 60° E.

78.00 Ravine, 1 ch. wide, 12 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 mkd.

T.10 S R 5 E on N. half;

S 27 in NE.

S 34 in SE.

S 33 in SW. and

S 28 in NW. quadrants, and

1915 on S. rim.

No trees within limits. Pits impracticable.

Build a mound of stone 4 ft. base $2\frac{1}{2}$ ft. high W. of cor.

Land, rolling and hilly.

Soil, stony, 4th rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood, cat claw and cactus.

East, on a random line bet. secs. 27 and 34.

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

80.04 Intersect N. and S. line 2 lks. S. of cor. of secs. 26, 27, 34 and 35.

Thence I run

S. $89^{\circ} 59'$ W. on a true line bet. secs. 27 and 34.

Over rolling land, through palo verde and iron wood.

13.80 Wash, 20 lks. wide, 1 ft. deep, course, N. 85° E.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 27 on N., and

S 34 on S. half, and

1915 on S. rim.

No trees within limits. Pits impracticable.

Build a mound of stone 3 ft. base 2 ft. high W. of cor.

69.30 Ravine, 80 lks. wide, 12 ft. deep, course, N. 70° E.71.60 Wash, 1 ch. wide, 12 ft. deep, course, N. 70° E,

80:04 Cor. of secs. 27, 28, 33 and 34.

Land, rolling.

Soil, stony, 4th rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush and cactus.

Partial subdivision of T.10 S., R.5 E.

Chains

N. 0° 2' W. bet. secs. 27 and 28.
 Over rolling land through palo verde and iron wood
 timber, and greasewood brush.

5.00 Top of hill 30 ft. high brs. E. and N. 70° W.
 20.00 Ravine, 1 ch. wide, 10 ft. deep, course, N. 50° E.
 31.40 Ravine, 30 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 $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S 28 on W., and
 S 27 on E. half, and
 1915 on S. rim.

No trees within limits. Pits impracticable.
 Build a mound of stone 3 ft. base 2 ft. high, W. of cor.
 59.40 Wash, 30 lks. wide, 4 ft. deep, course, E.
 70.40 Wash 70 lks. wide, 4 ft. deep, course, N. 80° E.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in
 the ground, for cor. of secs. 21, 22, 27 and 28, with
 brass cap mkd.
 T 10 S R 5 E on N. half;
 S22 in NE.
 S 27 in SE.
 S 28 in SW. and
 S 21 in NW. quadrants, and
 1915 on S. rim.

from which,
 An iron wood 5 ins. in diam. brs. N. 82 $\frac{1}{2}$ ° E. 54
 lks. dist., mkd. T 10 S R 5 E S 22 B T.
 An iron wood 4 ins. in diam., brs. S 28 $\frac{1}{2}$ ° E. 18
 lks. dist., mkd. T 10 S R 5 E S 27 B T.

No other trees within limits. Pits impracticable.
 Build a mound of stone, 3 ft. base 2 ft. high, W. of cor.
 Land, rolling.
 Soil, stony, 4th rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush and cactus.
 At this cor. I set off 20° 25' S. on the decl. arc, and
 at apparent noon observe the sun on the mer. The re-
 sulting lat. is 32° 32' N.

40.00 East, on a random line bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line 2 lks. S. of cor. of secs.
 22, 23, 26 and 27.
 Thence I run
 S. 89° 59' W. on a true line bet. secs. 22 and 27.
 Ascend gradual W. slope.

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 22 on N., and
 S 27 on S. half, and
 1915 on S. rim.

No 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.
 63.85 Wash, 20 lks. wide, 4 ft. deep, course, N. 70° E.
 80.06 Cor. of secs. 21, 22, 27 and 28.
 Land, gradual E. slope.
 Soil, gravelly, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush and cactus.

N. 0° 2' W. bet. secs. 21 and 22.
 Over gently rolling land.

5.50 Ravine, 30 lks. wide, 5 ft. deep, course, N. 70° E..
 18.75 Wash, 60 lks. wide, 5 ft. deep, course, E.
 35.20 Wash, 20 lks. wide, 3 ft. deep, course, N. 80° 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.

12.

Partial subdivision of T.10 S., R.5 E.

Chains

	<p>$\frac{1}{4}$ S 21 on W. and S.22 on E. half, and 1915 on S. rim.</p> <p>No trees within limits. Pits impracticable. Build a mound of stone, 3 ft. base 2 ft. high W. of cor.</p>
44.00	Wash 30 lks. wide, 1 ft. deep, course, E.
62.15	Wash, 40 lks. wide, 2 ft. deep, course N. 70° E.
76.50	Wash, 20 lks. wide, 2 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. 15, 16, 21 and 22, with brass cap mkd.
	<p>T 10 S R 5 E on N. half; S 15 in NE. S 22 in SE. S 21 in SW. and S 16 in NW. quadrants, and 1915 on S. rim.</p> <p>No trees within limits. Pits impracticable. Build a mound of earth 4 ft. base 2½ ft. high W. of cor. Land, gently rolling. Soil, gravelly, and stony, 4th rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush and cactus. Jan. 19, 1915.</p>
	<p>Jan. 20, 1915, at 9 h., a.m.l.m.t., I set off 32° 33' N. on the lat. arc; 20° 13' S. on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 15, 16, 21 and 22.</p> <p>Thence I run, East, on a random line bet. secs. 15 and 22.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line 5 lks. S. of cor. of secs. 14, 15, 22 and 23.
	<p>Thence I run S. 89° 58' W. on a true line bet. secs. 15 and 22. Over level land.</p>
39.97	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	<p>$\frac{1}{4}$ S 15 on N. and S 22 on S. half, 1915 on S. rim.</p> <p>No 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 3½ ft. base 1½ ft. high N. of cor.</p>
48.85	Wash, 20 lks. wide, 1 ft. deep, course N. 45° E.
65.20	Wash, 30 lks. wide, 2 ft. deep, course, N. 50° E.
70.80	Wash, 30 lks. wide, 3 ft. deep, course, N. 60° E.
79.94	Cor. of secs. 15, 16, 21 and 22. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood, sagebrush and mesquite.
	<p>N. 0° 2' W. bet. secs. 15 and 16. Over level land, through palo verde and iron wood timber and greasewood brush.</p>
2.30	Wash, 20 lks. wide, 2 ft. deep, course, N. 70° E.
20.20	Road brs. N. 50° E. and S. 50° W.
22.50	Wash, 30 lks. wide, 4 ft. deep, course, N. 50° 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.
	<p>$\frac{1}{4}$ S 16 on W. and S 15 on E. half, 1915 on S. rim.</p> <p>from which, An iron wood 5 ins. in diam. brs., S. 71° W. 27 lks. dist. mkd. $\frac{1}{4}$ S. 16 B.T.</p>

Partial subdivision of T.10 S.R.5 E.

Chains

No other trees within limits.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.

58.00 Wash, 30 lks. wide, 2 ft. deep, course, N. 60° E.
 77.90 Wash, 29 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. 9, 10, 15 and 16, with brass cap mkd.

T 10 S R 5 E on N. half;
 S 10 in NE.
 S 15 in SE.
 S 16 in SW. and
 S 9 in NW. quadrants, and
 1915 on S. rim,

from which,
 An iron wood, 10 ins. in diam. brs. S. 21° 45' E. 132 lks. dist. mkd., T 10 S R 5 E S 15 B T.

No other trees within limits. Pits impracticable.
 Build a mound of stone, 3 ft. base 2 ft. high W. of cor. Land, level.
 Soil, sandy, 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and cactus.

East, on a random line bet. secs. 10 and 15.

40.60 Set temp. ¼ sec. cor.
 79.95 Intersect N. and S. line 3 lks. S. of cor. of secs. 10, 11, 14 and 15.
 Thence I run
 S. 89° 59' W. on a true line bet. secs. 10 and 15.
 Over level land.

34.95 Road, brs., N. 10° W. and S. 10° E.
 39.97½ 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 N. and
 S 15 on S. half,
 1915 on S. rim.

No 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 3½ ft. base 1½ ft. high N. of cor.

50.75 Road, brs., N. and S.
 69.95 Road, brs., NE. and SW.
 75.25 Wash, 10 lks. wide, 1 ft. deep, course, NE.
 Thence, through dense greasewood brush, and scattering palo verde and iron wood timber.

78.65 Road, brs., N. and S.
 79.95 Cor. of secs. 9, 10, 15 and 16.
 Land, level.
 Soil, east half, sandy loam, 1st rate, west half, gravel 2nd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and sage brush.
 At this cor. I set off 20° 12½' S. on the decl. arc; and at apparent noon observe the sun on the mer. The resulting lat. is 32° 34' N.

N. 0° 2' W. bet. secs. 9 and 10.
 Over level land, through greasewood brush.

3.20 Road, brs., N. 40° W. and S. 40° E.
 3.90 Wash, 40 lks. wide, 2 ft. deep, course, N. 40° E.
 33.20 Wash, 10 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 9 on W., and
 S. 10 on E. half,
 1915 on S. rim.

No trees within limits.

14.

Partial subdivision of T.10 S., R.5 E.

Chains

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

66.35
80.00

Road, brs., NW. and SE.

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

T 10 S R 5 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.

No 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, 1st rate.

Timber, scattering palo verde and iron wood.

Undergrowth, greasewood brush.

East, on a random line bet. secs. 3 and 10.

40.00
80.00

Set temp. ¼ sec. cor.

Intersect N. and S. line 2 lks. N. of cor. of secs. 2, 3, 10 and 11.

Thence I run

N. 89° 59' W. on a true line bet. secs. 3 and 10.

Over level land, through scattering mesquite brush.

24.00
40.00

Wash, 20 lks. wide, ½ ft. deep, course, N.

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 3 on N. and
S 10 on S. half,
1915 on S. rim.

No 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 3½ ft. base 1½ ft. high N. of cor.

80.00

Cor. of secs. 3, 4, 9 and 10.

Land, level.

Soil, sandy loam, 1st rate.

Timber, scattering palo verde.

Undergrowth, greasewood and scattering mesquite brush.

North, on a random line bet. secs. 3 and 4.

40.00
80.09

Set temp. ¼ sec. cor.

Intersect Nbdy. of Tp., 18 lks. W. of cor. of secs.

3, 4, 33 and 34, established by W.K. Kierulff, U.S. Transitmen, and described in book "B."

Thence I run

S. 0° 8' W. on a true line bet. secs. 3 and 4.

Over level land.

40.09

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 4 on W. and
S 3 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.

80.09

Cor. of secs. 3, 4, 9 and 10,

Land, level.

Soil, sandy loam, 1st rate.

Undergrowth, scattering mesquite brush,

W.H.T. Jan. 20, 1915.

Chains

W.K.K.
Jan. 20 1915, at 8 h., a.m.l.m.t., I set off 32° 32' N. on the lat. arc; 20° 13' S. on the decl. arc; and determine a mer. with the solar at the cor. of secs. 21, 22, 27 and 28

Thence I run
West, on a true line bet. secs. 21 and 28.
Over rolling land.

- 7.80 Wash, 12 lks. wide, 2 ft. deep, course, NE.
- 18.60 Ravine, 75 lks. wide, 5 ft. deep, course NE.
- 22.50 Wash, 30 lks. wide, 3 ft. deep, course, N. 15° E.
- 25.00 Ravine, 50 lks. wide, 6 ft. deep, course, N. 5° E.
- 33.50 Wash, 20 lks. wide, 2 ft. deep, course, N. 15° E.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 18 ins. in the ground (could not set deeper on account of 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. 21 on N. and
 - S 28 on S. half,
 - 1915 on S. rim,

from which,
A palo verde 8 ins. in diam. brs. S. 27 $\frac{1}{4}$ ° W.
14 lks. dist. mkd., $\frac{1}{4}$ S 28 B T.
A palo verde 7 ins. in diam. brs. N. 80° 20' W.
91 lks. dist. mkd., $\frac{1}{4}$ S 21 B T.

- 45.30 Wash, 25 lks. wide, 4 ft. deep, course, N. 60° E.
- 50.00 Rolling hills of Sierra Prieta mountains, bear S. about 5 chs. dist.
- 58.70 Enter ravine, 100 lks. wide 10 ft. deep, course, N. 70° E
- 65.00 Leave same ravine, course, N. 70° E.
- 76.70 Wash, 30 lks. wide, 2 ft. deep, course, SE.
Ascend E. slope.
- 80.00 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 10 S R 5 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.

No trees within limits. Pits impracticable.
Build a mound of stone, 3 ft. base 2 ft. high W. of cor.
Land, rolling, cut by ravines and washes.
Soil, stony 3rd and 4 th rates.
Timber, palo verde and iron wood.
Undergrowth, greasewood and cactus.

N. 0° 2' W. bet. secs. 20 and 21.

- 4.00 Along E. slope, over rolling land.
- 15.00 Wash 30 lks. wide, 2 ft. deep, course, SE.
- 24.70 Ravine, 50 lks. wide, 6 ft. deep, course, E.
- 26.70 Enter wash, 20 ft. banks, course E.
- 35.00 Leave, wash,
- 40.00 Ravine, 50 lks. wide, 5 ft. deep course, E.
- Set an iron post, 3 ft. long, 1 in. in diam. 20 ins. in the ground, (could not set deeper on account of solid rock) in a mound of stone, 2 ft. base $\frac{1}{2}$ 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.

No trees within limits. Pits impracticable.
Build a mound of stone, 2 $\frac{1}{2}$ ft. base 2 ft. high, W. of cor.

- 44.00 Wash, 30 lks. wide, 3 ft. deep, course, N. 70° E.
- 54.80 Wash, 30 lks. wide, 3 ft. deep, course, E.
- 64.70 Wash, 20 lks. wide, 1 ft. deep, course, N. 80° E.
- 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 10 S R 5 E on N. half;

16.

Partial subdivision of T.10 S., R.5 E.

Chains

S. 16 in NE.
 S 21 in SE.
 S 20 in SW. and
 S.17 in NW. quadrants, and
 1915 on S. rim.

No trees within limits.

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

Land, level, and rolling, with slope to the E.

Soil, rocky, 4th rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood and cactus.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line, 1 lk. S. of cor. of secs.
 15, 16, 21 and 22.

Thence I run

West, on a true line bet. secs. 16 and 21.

Over rolling land.

32.40 Wash, 75 lks. wide, 10 ft. deep, course N.

35.90 Ravine, 75 lks. wide, 15 ft. deep, course NE.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 15 ins. in
 the ground, (could not set deeper on account of
 solid rock) in a mound of stone, 2 ft. base 1½ ft.
 high, for ¼ sec. cor. with brass cap mkd.

¼ S 16 on N. and

S 21 on S. half, and

1915 on S. rim.

No 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 3½ ft. base 1½ ft. high
 N. of cor.

63.20 Wash 20 lks. wide, 1 ft. deep, course, N.

75.50 Wash, 30 lks. wide, 3 ft. deep, course, NE.

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

Land, level and rolling.

Soil, stony, 3rd rate.

Timber, palo verde and iron wood.

Undergrowth, greasewood and cactus.

N. 0° 2' W. bet secs. 16 and 17.

Over gently rolling land.

5.50 Wash 30 lks. wide, 2 ft. deep, course, NE.

17.40 Wash, 15 lks. wide, 1 ft. deep, course, 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 17 on W. and

S.16 on E. half, and

1915 on S. rim, from which, A palo verde

80 ins. in diam. brs. S. 1° E. 10 lks. dist. mkd. ¼ S 16 B T.

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

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

68.50 Wash, 75 lks. wide, 2 ft. deep, course NE.

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

T 10 S R 5 E on N. half;

S 9 in NE

S 16 in SE.

S 17 in SW. and

S 8 in NW. quadrants and

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.

Partial subdivision of T.10 S.R.5 E.

Chains

Land, rolling.
Soil, rocky, 3rd rate.
Timber, scattering palo verde and iron wood. and
Undergrowth, greasewood and cactus.
At this cor. I set off 20° 12' S. on the decl. arc and
at apparent noon observe the sun on the mer. The re-
sulting lat. is 32° 34' N.

East, on a random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line 7 lks. S. of cor. of secs.
9, 10, 15 and 16.
Thence I run
S. 89° 57' W. on a true line bet. secs. 9 and 16.
Over rolling land.
2.40 Wash, 30 lks. wide, 1 ft. deep, course, NW.
10.50 Wash, 20 lks. wide, 1 ft. deep, course, N. 10° W.
20.20 Road, brs. N. and S.
21.10 Wash, 30 lks. wide, 1 ft. deep, course, NE ..
35.00 Wash, 30 lks. wide, 1 ft. deep, course N.
39.99 Set an iron post, 3 ft. long 1 in. in diam. 15 ins. in
the ground (could not set deeper on account of solid
rock) in a mound of stone, 2 ft. base $1\frac{1}{2}$ ft. high,
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.

No trees within limits. Pits impracticable.
Build a mound of stone 2 ft. base 2 ft. high N. of cor.

44.00 Wash, 15 lks. wide, 2 ft. deep, course, NE.
47.50 Wash, 20 lks. wide, 1 ft. deep, course, N. 60° E.
59.80 Wash, 15 lks. wide, $1\frac{1}{2}$ ft. deep, course, NE.
73.50 Wash, 100 lks. wide, 2 ft. deep, course, N. 5° E.
79.98 Cor. of secs. 8, 9, 16 and 17.

Land, gently rolling. Soil, rocky, 3rd rate.
Timber, scattering, palo verde and iron wood.
Undergrowth, greasewood and cactus.

N. 0° 2' W. bet. secs. 8 and 9.

Over gently rolling land.

4.80 Wash, 30 lks. wide, 2 ft. deep, course, N. 20° E.
22.90 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 $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 8 on W., and
S 9 on E. half,
1915 on S. rim.

No trees within limits.

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

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 10 S R 5 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.

No 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, rolling.
Soil, stony, 3rd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and cactus.

18.

Partial subdivision of T.10 S.R.5 E.

Chains

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

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

80.00 Intersect N. and S line 6 lks. S. of cor. of secs. 3, 4, 9 and 10.

Thence I run
S. $89^{\circ} 57'$ W. on a true line bet. secs. 4 and 9.
Over level land.

13.40 Wash, 15 lks. wide, $\frac{1}{2}$ ft. deep, course, N.

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 4 on N. and
S 9 on S. half,
1915 on S. rim.

No 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.

48.70 Road, brs. N. and S.

66.00 Road, brs. N. 40° W. and S. 40° E.

80.00 Cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, stony, 3rd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and cactus.
W.K.K. Jan. 20, 1915.

W.H.T.

Jan. 21, 1915.

North, on a random line bet. secs. 4 and 5.

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

80.10 Intersect N. bdy. of T.11 lks. W. of cor. of secs. 4, 5, 32 and 33 established by W.K. Kierulff, U.S. Transitman, and described in book "B."

Thence I run
S. $0^{\circ} 5'$ W. on a true line bet. secs. 4 and 5.
Over level land.

40.10 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 W., and
S. 4 on E. half,
1915 on S. rim.

No trees within limits.
Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor..

60.00 Road, brs. NW. and SE.

80.10 Cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, gravelly, 3rd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood & brush.

At 8 h., a.m. l.m.t., I set off $32^{\circ} 34'$ N. on the lat. arc $20^{\circ} 0'$ S. on the decl. arc and determine a mer. with the solar, at the cor. of secs. 8, 9, 16 and 17.

Thence I run

West, on a true line bet. secs. 8 and 17.
Over rolling land.

2.80 Wash, 30 lks. wide, 4 ft. deep, course, N. 50° W.

11.80 Wood road, brs. N. and S.

19.30 Ravine, 50 lks. wide, 5 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 8 on N. and
S 17 on S. half, and
1915 on S. rim.

No trees within limits. Pits impracticable.
Build a mound of stone, 3 ft. base 2 ft. high N. of cor.

Partial subdivision of T.10 S., R5 E.

<p>Chains 55.70 69.75 80.00</p>	<p>Wash, 25 lks. wide, 4 ft. deep, course N. 40° E. Wash, 20 lks. wide, 3 ft. deep, course, N. 30° E. 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.</p> <p>T 10 S R 5 E on N. half; S 8 in NE. S 17 in SE. S 18 in SW. and S 7 in NW. quadrants, and 1915 on S. rim.</p> <p>No trees within limits. Pits impracticable. Build a mound of stone 3 ft. base 2½ ft. high W. of cor. Land, rolling. Soil, gravelly and stony, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood and cacti.</p>
<p>25.00 40.00</p>	<p>N. 0° 3' W. bet. secs. 7 and 8. Over rolling land. Descend gradual NE. slope.</p> <p>Wash, 30 lks. wide, 4 ft. deep, course, N. 40° E. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.</p> <p>¼ S 7 on W. and S 8 on E. half, 1915 on S. rim.</p> <p>No trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.</p>
<p>43.70 62.30 80.00</p>	<p>Wash, 20 lks. wide, 3 ft. deep, course, N. 40° E. Wash 30 lks. wide, 4 ft. deep, course, N. 80° E. Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.</p> <p>T 10 S R 5 E on N. half; S 5 in NE. S 8 in SE. S 7 in SW. and S 6 in NW. quadrants, and 1915 on S. rim.</p> <p>No 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, rolling. Soil, rocky with gravel, 3rd rate. Timber, scattering palo verde and iron wood; Undergrowth, greasewood and cacti.</p>
<p>40.00 79.94 11.50 39.97</p>	<p>East, on a random line bet. secs. 5 and 8. Set temp. ¼ sec. cor. Intersect N. and S. line, 10 lks. S. of cor. of secs. 4, 5, 8 and 9. Thence I run S. 89° 56' W. on a true line bet. secs. 5 and 8. Over slightly rolling land.</p> <p>Wash, 30 lks. wide, 1 ft. deep, course, NE. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.</p> <p>¼ S 5 on N. and S. 8 on S. half, 1915 on S. rim.</p> <p>No 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 3½ ft. base 1½ ft. high N. of cor.</p>
<p>42.54 48.94</p>	<p>Road, brs. N. 30° W. and S. 30° E. Road, brs. N. and S.</p>

20.

Partial subdivision of T.10 S., R. 5 E.

Chains

53.94 Wash, 20 lks. wide, 2 ft. deep, course N. 50° E.
 63.04 Wash, 40 lks. wide, 3 ft. deep, course, N. 60° E.
 69.94 Road, brs. N. and S.
 79.94 Cor. of secs. 5, 6, 7 and 8.
 Land, gently rolling.
 Soil, gravelly, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and cacti.
 At this cor. I set off 19° 59' S. on the decl. arc; and
 at apparent noon observe the sun on the mer. The re-
 sulting lat. is 32° 34½ N.

West, on a random line bet, secs. 6 and 7.

40.00 Set temp. ¼ sec. cor.
 79.42 Intersect W. bdy. of tp. (1st. Guide Mer. E.) 16 lks. S. of cor.
 of secs. 1, 6, 7 and 12, reestablished by me, and described
 in Book "A."
 Thence I run
 S. 89° 53' E. on a true line bet. secs. 6 and 7.
 Over rolling and hilly land, through scattering undergrowth.
 28.40 Asc. Rocky NW. slope, 300 ft. to
 32.00 Top of hill, N. end, brs. N. and S.
 Desc. NE. slope, 300 ft.
 39.42 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 6 on N. and
 B 7 on S. half,
 1915 on S. rim.
 Build a mound of earth and stone, 3 ft. base, 2 ft. high
 N. of cor.
 48.00 Foot of descent. Asc. W. slope, 70 ft. to
 53.32 Top of ascent; Desc. E. slope of hill, 70 ft. to
 79.42 Cor. of secs. 5, 6, 7 and 8.
 Land, hilly.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, scattering greasewood brush and scrub palo
 verde, ocotillos and cacti.

North on a random line bet. secs. 5 and 6.

40.00 Set temp. ¼ sec. cor.
 80.16 Intersect N. bdy. of T. 14 lks. W. of cor. of secs.
 5, 6, 31 and 32, established by W.K.K. and described
 in book "B."
 Thence I run
 S. 0° 6' W. on a true line bet. secs. 5 and 6.
 Over nearly level land, through scattering undergrowth.
 11.16 Road, brs. N. 40° W. and S. 50° E.
 31.76 Road, brs. N. 30° E. and S. 30° W.
 40.16 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 6 on W. and
 S 5 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.
 49.65 Road, brs. N. 45° W. and S. 45° E.
 80.16 Cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, gravelly, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 W.H.T. Jan. 21, 1915.

Chains

GENERAL DESCRIPTION

The main range of Sierra Prieta Mountains runs through the west part of the township, giving the township a general slope and drainage to the north east. The north east half of the township, diagonally from cor. to cor. is level, the washes for the main part spreading out and overflowing, losing their identity and making adobe flats in various places. On account of their mountainous nature secs. 7, 18, 17, 19, 20, 28, 29, 30, 31, 32 and 33 were omitted. These sections contain that portion of Sierra Prieta mountains lying in this township.

The washes near the foot hills of the mountains have cut deep ravines and for the most part have high rolling banks.

The soil varies from adobe and sandy to worthless in the mountains.

The vegetation increases from the adobe flats, which have almost none to the mountains where iron wood, palo verde and some scattering mesquite is found, together with undergrowth, consisting of greasewood brush, ocotillos, cat claw, and various specie of cacti.

There are no settlers in the township.

No water has been developed.

Indian ponies graze throughout the level part of the township for a few weeks in the spring while the native grass is alive.

2096

22 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 partial Subdivisions of _____

Township 10 South, Range 5 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. for 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.