

2895

Book "E."

4-679

303
1
1915-1917

(SUBDIVISIONS)

BOOK 2895

FIELD NOTES

OF THE SURVEY OF THE

PARTIAL SUBDIVISION

OF

TOWNSHIP 10 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 January 5, _____, 1915.

Survey completed January 13, _____, 1915.

6-151

Executed under assignment
Instructions dated Sept. 30, 1914.

2895

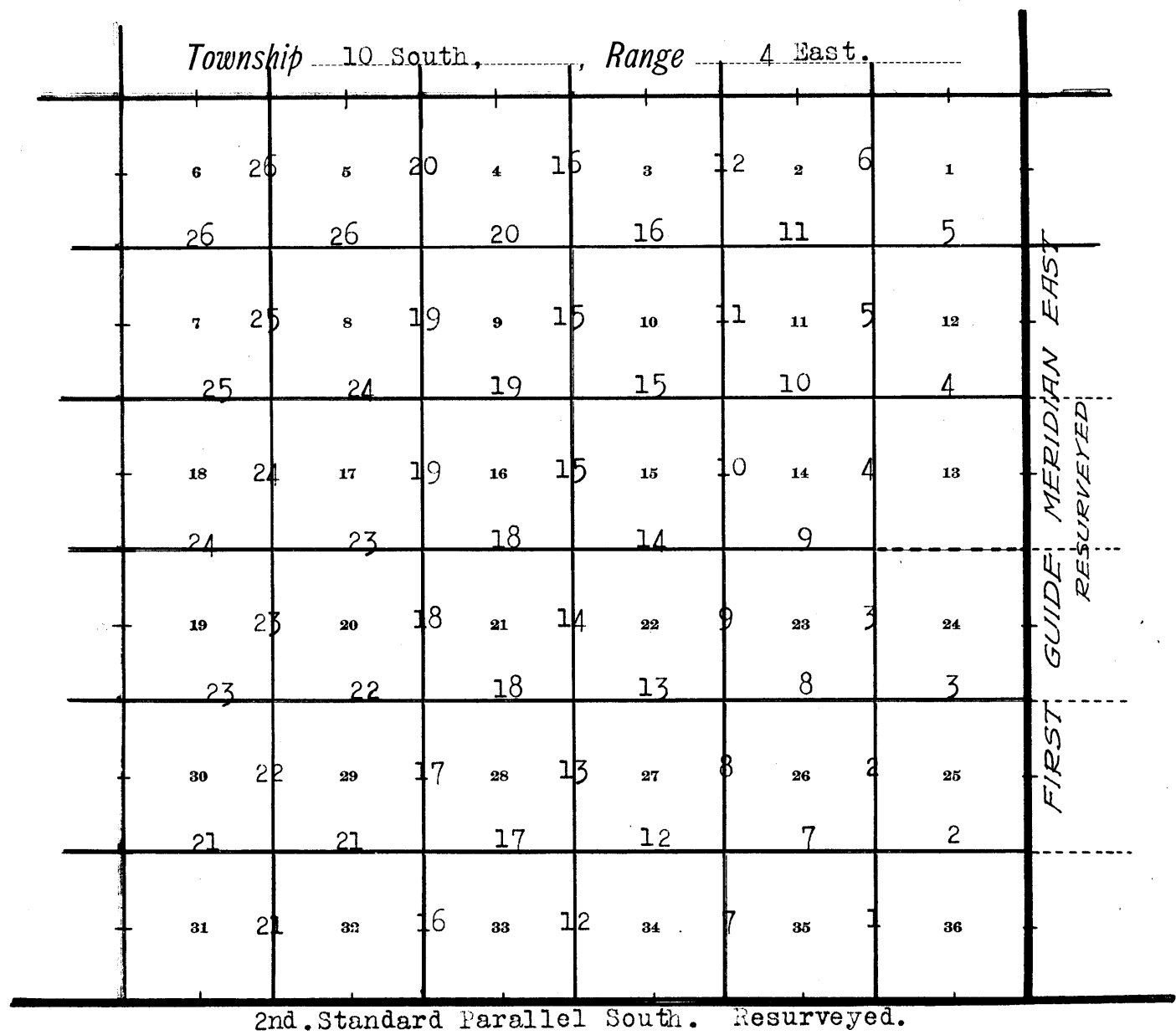
2895

1A

Book "E"
(Subdivisions)
Group 38, Arizona.

BOOK 2895

INDEX DIAGRAM.



- 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 4 East.

Chains.

Survey of Subdivision lines described in the following field notes was 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. 5, 1915, and executed with a Young and Sons' light mountain transit No. 8492, described in Book "A."

The instrument was examined on the true meridian at Phoenix Arizona, tested and found to be correct, and approved by the Assistant Supervisor of Surveys for Arizona and California, on Sept. 30, 1914.

Jan. 3, 1915. At 6h. 40m. a.m., l.m.t., I observe Polaris at U.C. in accordance with instructions in the Manual of Surveying, at camp in T. 10 S., R. 4 E., sec. 22.

Jan. 4, 1915: At 7h. a.m., l.m.t., I set a flag on the meridian thus determined 10 chs. N. of my station, and at 7h. 30m. a.m., l.m.t., I set off 32° 33' N. on the lat. arc; 22° 44' S. on the decl. arc, and determine a meridian with the solar. The meridian thus determined falls 1/2' to the E. of the true meridian. At 4h. 30m. p.m., l.m.t., I set off 32° 33' N. on the lat. arc; 22° 42' S. on the decl. arc, and determine a meridian with the solar. The meridian thus determined falls 1/2' to the W. of the true meridian. Therefore, I conclude that the adjustments of the solar are satisfactory.

Jan. 5, 1915.

At 9h. a.m., l.m.t., I set off 32° 30 1/2' N. on the lat. arc; 22° 39' 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. Standard Parallel S.) reestablished by W.H.T. as described in Book "A."

Thence I run, N. 0° 1' W., on a true line, bet. secs. 35 and 36. Over rolling land.

- 2.05 Prospect hole brs. E. 40 lks. dist.
- 3.60 Wash, 5 lks. wide, 1 ft. deep, course S. 50° W.
- 4.20 Road brs. E. and W.
- 6.90 Wash, 15 lks. wide, 2 ft. deep, course W.
- 10.30 Road, brs. E. and W.
- 11.40 Wash, 15 lks. wide, 2 ft. deep, course W.
- 18.80 Wash, 15 lks. wide, 2 ft. deep, course SW.
- 21.30 Road brs. E. and W.
- 32.60 Wash, 15 lks. wide, 2 ft. deep, course W.
- 38.00 Wash, 20 lks. wide, 5 ft. deep, course W.
- 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, marked
 S 35 on W., and
 S 36 on E. half;
 1915 on S. rim.

No trees within limits.

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.

- 43.40 Wash, 20 lks. wide, 2 ft. deep, course W.
- 73.00 Road, brs. E. and W.
- 77.00 Wash, 10 lks. wide, 1 ft. deep, course W.
- 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 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.

No trees within limits.

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, rolling.

2. Partial Subdivision of Township 10 South, Range 4 East.

Chains.

Soil, sand and gravel, 3rd rate.
 Timber, scattering scrub palo verde and ironwood.
 Undergrowth, greasewood brush and cactus.

- East, on a random line, bet. secs. 25 and 36.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.01 Intersect 1st. Guide Meridian East at cor. of secs. 25, 30, 31 and 36, reestablished by W.H.T., and described in Book "A."
 Thence I run,
 West, on true line, between secs. 25 and 36.
 Over rolling slope to the west.
 2.00 Wash, 10 lks. wide, 5 ft. deep, course SW.
 28.10 Road brs. NW. and SE.
 35.00 Mine shaft brs. N. about 10 chs. dist.
 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 25 on N., and
 $\frac{1}{4}$ S 36 on S. half;
 1915 on S. rim.
 No trees within limits; 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.
 41.40 Road brs. N. 20° E. and S. 20° W.
 47.00 Wash, 10 lks. wide, 2 ft. deep, course SW.
 55.00 Wash, 5 lks. wide, 2 ft. deep, course SW.
 65.30 Road brs. N. 70° E. and S. 70° W.
 67.20 Road brs. NE. and SW.
 80.01 Cor. of secs. 25, 26, 35 and 36.
 Land, rolling.
 Soil, sand and gravel, 3rd rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood brush and cactus.
 At this point, I set off 22° 39' S. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting latitude is 32° 31' N.

- N. 0° 1' W., bet. secs. 25 and 26.
 Over gentle west slope.
 16.00 Road brs. E. and W.
 25.50 Wash, 20 lks. wide, 4 ft. deep, course W.
 30.40 Wash, 10 lks. wide, 1 ft. deep, course SW.
 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 26 on W., and
 $\frac{1}{4}$ S 25 on E. half;
 1915 on S. rim.
 No trees within limits.
 Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 41.40 Wash, 1 chain wide, 20 ft. deep, course W.
 45.10 Wash, 5 lks. wide, 2 ft. deep, course W.
 52.00 Wash, 1 chain wide, 10 ft. deep, course W.
 63.40 Road brs. NE. and SW.
 76.80 Wash, 20 lks. wide, 4 ft. deep, course W.
 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 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 E. rim
 No trees within limits. Pits impracticable.
 Build a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling with slope to the W.
 Soil, stony with gravel, 3rd rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood & cactus.

Chains	
	East, on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect 1st Guide Mer. E. at the cor. of secs. 19, 24, 25 and 30, reestablished by W.H.Thorn, U.S.Surveyor, and described in Book "A."
	Thence I run
	West on a true line bet. secs. 24 and 25.
	Over rolling W. slope.
5.00	Wash 1 ch. wide, 10 ft. deep, course SW. at bottom of ridge.
	Ascend E. slope to
10.00	Top of small ridge brs. N. and S.
	Descend W. slope to
15.00	Bottom of descent.
	Wash 1 ch. wide, 5 ft. deep, course 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. 24 on N. and
	S. 25 on S. half,
	1915 on S. rim.
	No trees within limits. Pits impracticable.
	Build a mound of stone 2 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
45.00	Wash 20 lks. wide, 1 ft. deep, course SW.
63.00	Prospect hole brs. N. about 1 ch. dist.
73.00	Wash 10 lks. wide 2 ft. deep, course SW.
80.00	Cor. of secs. 23, 24, 25 and 26.
	Land, rolling.
	Soil, gravelly, 3rd rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush and cactus.
	N. 0° 1' W. bet. secs. 23 and 24.
	Over rolling W. slope.
2.00	Top of small ridge, brs. E. and W.
	Descend gradual NW. slope.
14.40	Road brs. NW. and SE.
18.00	Wash 10 lks. wide, 1 ft. deep, course NW.
28.00	Wash 2 chs. wide, 20 ft. deep, course NW.
31.60	Road brs. E. and W.
34.00	Wash 20 lks. wide, 5 ft. deep, course NW.
37.00	Wash 1 ch. wide, 10 ft. deep, course SW.
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.
	No trees within limits. Pits impracticable.
	Build a mound of stone 2 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
	Jan. 5, 1915.
	Jan. 6, 1915, at 8 h. a.m. l.m.t., I set off 32° 32' N. on the lat. arc.; 22° 32' S. on the decl. arc and determine a mer. with the solar, at this $\frac{1}{4}$ sec. cor. sec.
	23 and 24.
	Thence I continue 11° 00' S. bet. secs. 23 and 24
41.40	Stamp mill of the Boom Mine brs. W. 1 ch. dist. Asc. S. slope.
45.00	Top of small ridge brs E. and W.
	Mine dump on line.
	Mine shaft brs. E. about 1 ch. dist.
	Descend NW. slope, 90 ft. to
51.00	Wash 10 lks. wide, 1 ft. deep, course W.
	Ascend S. slope 190 ft. to
58.00	Top of ridge brs. E. and W.
	Descend NE. slope, 200 ft. to
73.50	Wash 15 lks. wide, 2 ft. deep, course W.
80.00	Set an iron post 3 ft. long 2 ins. in diam. 12 ins. in the ground (could not set deeper on account of solid rock) in a mound of stone 4 ft. base 2 ft. high, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

4.

Partial subdivision of T.10 S.R.4 E.

Chains

	<p>T.10 S.R.4 E. on N.half; S.13 in NE. S.24 in SE. S.23 in SW. and S14 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, stony with gravel, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, gressewood and cactus.</p>
	<p>Continue line N.0° 1' W. bet. secs. 13 and 14. Over rolling land.</p>
20.00	Wash 20 lks. wide, 2 ft. deep, course NW.
38.40	Wash 20 lks. wide, 3 ft. deep, course N. 25° W.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. ¼ S.14 on W., and S.13 on E. half, and 1915 on S. rim.
	<p>No trees within limits. Pits impracticable. Build a mound of stone 2½ ft. base 2 ft. high W. of cor.</p>
44.00	Wash 20 lks. wide, 5 ft. deep, course W.
	Start to ascend SE. slope, 290 ft. to
59.00	Top of cliff and ridge brs. NE. and SW. descend to
68.50	Wash 10 lks. wide, 2 ft. deep, course SW.
	Ascend 150 ft. to
72.90	Top of ridge brs. E. and W.
80.00	Set an iron post 3 ft. long 2 ins. in diam. 12 ins. in the ground (could not set deeper on account of solid rock) in a mound of stone 4 ft. base 2 ft. high for cor. of secs. 11, 12, 13 and 14, with brass cap mkd. T.10 S.R.4 E. on N.half; S12 in NE. S.13 in SE. S.14 in SW. and S.11 in NW. quadrants, and 1915 on S. rim.
	<p>No trees within limits. Pits impracticable. Build a mound of earth 3 ft. base 2 ft. high W. of cor. Land, hilly. Soil, stony, 4th rate. Timber, scattering paloverde and ironwood. Undergrowth, greasewood and cactus.</p> <p>At this cor. I set off 22° 32' S. on the decl. arc and at apparent noon I observe the sun on the mer. The resulting lat. is 32° 33½' N.</p> <p style="text-align: right;">Jan. 6, 1915.</p>
	<p>Jan. 7, 1915. East, on a random line bet. secs. 12 and 13.</p>
40.00	Set temp. ¼ sec. cor.
80.12	Intersect 1st Guide Mer. E., 3 lks. S. of the true point for cor. of secs. 12, 13 & 14 (witness cor. to this, cor. 66 lks. S., reestablished by W.H. Thompson, U.S. Surveyor, and described in Book "A.") Thence I run S. 89° 59' W. on a true line bet. secs. 12 and 13.
	Over broken N. slope.
11.00	Top of spur brs. NE. and SW.
	Descend broken NW. slope.
13.12	Foot of slope.
37.72	Wash 10 lks. wide, 2 ft. deep, course N. 80° E.
38.70	Road brs. N. and S.
40.06	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

Partial subdivision of T.10 S.R.4 E.

5.

Chains

$\frac{1}{4}$ S. 12 on N. and ;
S. 13 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.

46.70 Wash 10 lks. wide, 1 ft. deep, course NE.
55.60 Begin ascent, E. slope, to
60.00 Top of small spur, brs. brs. N. and S.
Descend gradual W. slope to
68.60 Foot of descent.
Thence over rolling N. slope.
80.12 Cor. of secs. 11, 12, 13 and 14.
Land, rolling and hilly.
Soil, stone and gravel, 3rd and 4th rates.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and cactus.

Jan. 7, 1915.

Jan. 6, 1915.
N. 0° 1' W. bet. secs. 11 and 12.
Over gentle rolling slope to the W.

4.00 Wash 10 lks. wide 2 ft. deep, course W.
Base of ridge, foot of descent brs. NE. and SW.

17.00 Wash 5 lks. wide 1 ft. deep, course W.
27.60 Wash 10 lks. wide, 1 ft. deep, course W.
40.00 Set an iron post 3 ft. long $1\frac{1}{2}$ in diam. 6 ins. in the
ground, (could not set deeper on account of solid
rock) in a mound of stone 3 ft. base 2 ft. high, for
 $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S. 11 on W. and
S. 12 on E. half,
1915 on S. rim.

No trees within limits. Pits impracticable.
Build a mound of stone 3 ft. base $2\frac{1}{2}$ ft. high W. of cor.

51.00 Wash 5 lks. wide, 1 ft. deep, course W.
61.60 Road brs. NE. and SW.
66.50 Road brs. NE. and SW.
Thence over level land.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 in. in
the ground for cor. of secs. 1, 2, 11 and 12, with
brass cap mkd.

T.10 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.

No trees within limits. Pits impracticable.
Build a mound of stone 2 ft. base 2 ft. high W. of cor.
Land, rolling.
Soil, gravel, 3rd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush and cactus.
At this cor. I set off $22^{\circ} 33'$ 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. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.15 Intersect 1st Guide Mer. E., 3 lks. S. of the cor. of
secs. 1, 6, 7 and 12, reestablished by W. H. Thorn,
U.S. Surveyor, and described in Book "A." of the
1st guide mer. E.

Thence I run
S. $89^{\circ} 59'$ W. on a true line bet. secs. 1 and 12.

6.

Partial subdivision of T10 S.R. 4 E.

Chains

30.15 Over rolling land,
Road brs. NE. and SW.
Ascend to

33.00 Top of small ridge brs N. and S.
Descend W. slope to

40.07½ Foot of descent.
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.1 on N., and
S.12 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.

50.00 Wash 50 lks. wide, 5 ft. deep, course NW.
58.55 Wash 1 ch. wide 4 ft. deep, course NW.
62.00 Road brs. NW. and SE.
63.50 Wash 10 lks. wide, 3 ft. deep, course NW.
71.65 Road brs. N. and S.
76.45 Wash 5 lks. wide, 2 ft. deep course NW.
79.15 Wash 10 lks. wide, 2 ft. deep course NW.
80.15 Cor. of secs. 1, 2, 11 and 12.
Land, rolling.
Soil, gravelly, 3rd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood brush and cactus.
Jan. 6, 1915.

Jan 7, 1915.
N.0° 1' W. on a random line bet. secs. 1 and 2.
40.00 Set temp. ¼ sec. cor.
80.21 Intersect N.bdy. of tp. 3 lks. W. of the cor. of secs.
1, 2, 35 and 36, established by me and described
in book "B."
Thence I run
South on a true line bet. secs. 1 and 2.
Over level land.
39.70 Wash 50 lks. wide, 1 ft. deep course NW.
40.21 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.2 on W. and
S.1 on E. half,
1915 on S. rim.

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

80.21 Cor. of secs. 1, 2, 11 and 12.
Land, level.
Soil, sandy, 2nd rate.
Timber, scattering palo verde and iron wood.
Undergrowth, greasewood and cactus.
W.K.K Jan. 7 1915.

W.H.T.

Survey commenced Jan. 7, 1915 and executed with a Young
and Son's light mountain transit No. 8592, as de-
scribed in book, "A".

For tests and adjustments of the transit and solar
apparatus on a mer. established by observations on
Polaris, see beginning of the notes of the 1st
Guide Mer. East through Ts. 10 S., bet. Rs. 4 and 5
East, in Book "A" of the subdivision of Book "A".

The solar apparatus was also tested on the 1st Guide
Mer. E. by a.m. and p.m. observations during the
days in which this mer. was run and gave results
within the limits of satisfactory adjustment.

Partial subdivision of T.10 S.R.4 E.

Chains

Jan. 7, 1915, at 8 h. a.m., l.m.t., I set off 32° 30½' N. on the lat. arc; 22° 23' S. on the decl. arc and determine a mer. with the solar, at the std. cor. of secs. 34, and 35, on S. ldy. of Tp. (2nd Std. Par. 9.) re-established by me as described in Book "A."

Thence I run
 N. 0° 1' W. bet. secs. 34 and 35.
 Ascend over low knoll 50 ft. high 12 chs. across.
 Old smelter site brs. W. 1 ch. dist.
 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.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 3½ ft. base 1½ ft. high W. of cor.

40½20 Wash 10 lks wide 1 ft. deep, course W.
 42.30 Road brs. N. 70° E. and S. 70° W.
 47.65 Wash 15 lks. wide 1 ft. deep, course W.
 49.70 Road brs. N. 20° W. and S. 20° E.
 53.60 Wash 15 lks. wide, 1 ft. deep, course W.
 66.00 Wash 15 lks. wide, 1 ft. deep, course W.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.
 T.10 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.

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, sandy with gravel, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and cactus.

East, on a random line bet. secs. 26 and 35.
 40.00 Set temp. ¼ sec. cor.
 79.97 Intersect N. and S. line 1 lk. S. of the cor. of secs. 25, 26, 35 and 36.
 Thence I run
 West, on a true line bet. secs. 26 and 35.
 Over level land.
 39.98½ 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.26 on N., and
 S.35 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.

45.90 Road brs. N. 80° E. and S. 80° W.
 53.80 Road brs. N. 65° W. and S. 65° E.
 60.00 Wash 15 lks. wide, 1 ft. deep, course N. 80° W;
 79.97 Cor. of secs. 26, 27, 34 and 35.
 Land, level.
 Soil, sand and gravel, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and cactus.

8.

Partial subdivision of T.10 S.R.4 E.

Chains	
6.00	N.0° 1' W. bet. secs. 26 and 27. Over level land.
15.60	Wash 15 lks. wide, 1 ft. deep, course N. 80° W.
33.50	Road brs. N. 60° W. and S. 60° E.
40.00	Road brs. N. 50° E. and S. 50° 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.27 on W. and S.26 on E. half, 1915 on S. rim.
53.55	No trees within limits.
57.40	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.
67.90	Road brs. N. 70° W. and S. 70° E.
80.00	Wash 40 lks. wide 4 ft. deep, course N. 70° W.
	Ravine 40 lks. wide, 5 ft. deep course S. 70° W.
	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.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.
	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, slightly rolling.
	Soil, gravelly, 3rd rate.
	Timber, scattering palo verde and iron wood.
	Undergrowth, greasewood brush, cat claw, and cactus.
	At this cor. I set off 22° 25' S. on the decl. arc and at apparent noon, observe the sun on the mer. The resulting lat. is 32° 32' N.
40.00	East, on a random line bet. sets. 23 and 26.
80.04	Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line at cor. of secs. 23, 24, 25 and 26.
	Thence I run
	West, on a true line bet. secs. 23 and 26.
	Over gradual W. slope.
9.00	Enter ravine 30 lks. wide 5 ft. deep at this point, course S. 85° W.
37.00	Leave same ravine 60 lks. wide, 6 ft. deep, course N. 85° W.
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.23 on N., and S.26 on S. half, 1915 on S. rim.
	No trees within limits. Pits impracticable.
	Build a mound of stone 3 ft. base 2 ft. high N. of cor.
49.60	Road brs N. and S.
52.40	Wash 60 lks. wide, 4 ft. deep, course N. 70° W.
73.80	Wash 20 lks. wide, 3 ft. deep, course N. 60° W.
80.04	Cor. of secs. 22, 23, 26 and 27.
	Land, rolling.
	Soil, gravelly and stony, 3rd rate.
	Timber, scattering palo verde and iron wood.
	Under growth, greasewood and cactus.

Partial subdivision of T.10 S.R.4 E.

Chains

N. 0° 1' W. bet. secs. 22 and 23.
 Over very gradual W. slope.
 18.10 Wash 25 lks. wide 1 ft. deep, course W.
 18.80 Wash 40 lks. wide, 1 ft. deep, course W.
 20.70 Wash 25 lks. wide, 1 ft. deep, course W.
 40.00 Wash 25 lks. wide, 1 ft. deep, course W.
 True point for $\frac{1}{4}$ sec. cor. falls in wash, therefore at
 40.95 Set an iron post, 3 ft. long 1 in. in diam. 26 ins. in the
 ground for witness cor. to $\frac{1}{4}$ sec. cor. with brass cap mkd.
 W.C. $\frac{1}{4}$ S. 22 on W. and
 S. 23 on E. half,
 1915 on S. rim.
 from which,
 An iron wood 6 ins. in diam. brs. S. 77° 45' E.
 84 lks. dist. mkd. W.C. $\frac{1}{4}$ S. 23 B.T.
 An iron wood 5 ins. in diam. brw. S. 25° 15' W.
 18 lks. dist. mkd. W.C. $\frac{1}{4}$ S. 22 B.T.
 41.50 Wash 40 lks. wide, 2 ft. deep course W.
 44.00 Wash 15 lks. wide, 2 ft. deep, course W.
 56.20 Road brs. N. 65° E. and S. 70° W.
 71.80 Road brs. S. 60° E. and N. 60° W.
 78.30 Wash 1 ch. wide, 8 ft. deep, course S. 80° W.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in
 the ground, for cor. of secs. 14, 15, 22 and 23, with
 brass cap mkd.
 T.10 S.R.4 E. on N. half;
 S.14 on NE.
 S.23 in SE.
 S.22 in SW. and
 S.15 in NW. quadrants,
 1915 on S. rim.
 No trees within limits.
 Dig pits 18 X 18 X 12 ins. in each sec. 51 ft. dist. and
 raise a mound of earth 4 ft. base 2 ft. high W. of cor.
 Land, gradual W. slope.
 Soil, gravelly and stony, 3rd rate.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood, cat claw and cactus.

East, on a random line bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. and S. line 4 lks. S. of the cor., of secs.
 13, 14, 23 and 24.
 Thence I run
 S. 89° 58' W. on a true line bet. secs. 14 and 23.
 Ascend over broken SE. slope, 355 ft. to
 25.15 Top of hill brw. S. and N. 30° E.
 Descend W. slope.
 32.00 Prospect shaft brs N. about 10 chs. dist.
 39.00 Foot of descent.
 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.
 $\frac{1}{4}$ S.14 on N., and
 S.23 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.
 59.40 Road brs. N. 45° W. and S. 50° E.
 79.94 Cor. of secs. 14, 15, 22 and 23.
 Land, hilly and rolling.
 Soil, gravelly and stony, 3rd and 4th rates.
 Timber, scattering palo verde and iron wood.
 Undergrowth, greasewood and cactus.

Jan. 7, 1915.

10.

Partial subdivision of T.10 S.R.4 E.

Chains	
	<p>Jan. 8, 1915, at 8 h., a.m. l.m.t., I set off 32° 33' N. on the lat. arc; 22° 17' S. on the decl. arc and determine a mer. with the solar at the cor. of secs. 14, 15, 22 and 23.</p> <p>Thence I run N. 0° 1' W. bet. secs. 14 and 15. Over almost level land.</p>
11.40	Wash 20 lks, wide 2 ft. deep, course N. 60° W.
15.80	Road brs. S. 60° E. and N. 60° W.
25.70	Road brs. S. 60° E. and N. 5° W.
38.40	Wash 20 lks. wide 1 ft. deep, course N. 45° W.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S.15 on W., and S.14 on E. half, and 1915 on S. rim.
	<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>
55.00	Over E. end of small ridge, brs. E. and W., 20 chs. long 50 ft. high.
59.60	Wash 20 lks. wide 1 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. 10, 11, 14 and 15, with brass cap mkd. T.10 S.R.4 E. on N. half; S.11 in NE. S.14 in SE. S15 in SW. and S.10 in NW. quadrants, and 1915 on S. rim.
	<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.</p> <p>Land, slightly rolling. Soil, gragelly, 3rd rate, Timber, scattering palo verde and iron wood. Undergrowth, greasewood and cactus.</p>
	<p>East, on a random line bet. secs. 11 and 14.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line at the cor. of secs. 11, 12, 13 and 14.
	Thence I run
	West, on a true line bet. secs. 11 and 14.
	Over N. slope to
5.00	Descend NW. slope of hill, 90 ft. to
12.00	Foot of hill.
19.10	Road brs. N. and S.
20.60	Wash 20 lks. wide, 3 ft. deep, course N. 70° W.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S.11 on N., and S.14 on S. half, and 1915 on S. rim.
	<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>
41.30	Wash 30 lks. wide, 3 ft. deep, course S. 70° W.
44.80	Wash 30 lks. wide, 3 ft. deep, course N. 40° W.
52.35	Wash 80 lks. wide, 5 ft. deep, course N. 30° W.
80.00	Cor. of secs. 10, 11, 14 and 15.
	<p>Land, rolling. Soil, gravelly, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood and cactus.</p>

Partial subdivision of T.10 S.R.4 E..

BOOK 2895

11.

Chms	
15.40 22.60 29.00 40.00	<p>N. 0° 1' W. bet. secs. 10 and 11. Over level land. Wash 20 lks. wide, 1 ft. deep, course N. 80° W. Wash 30 lks. wide, 1 ft. deep, course W. Road brs. N. 80° 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.</p>
46.20 69, 70 80.00	<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. Wash 20 lks. wide, 1 ft. deep course N. 70° W. Road to Casa Grande, Ariz. brs. N. 30° E. and S. 30° W. 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.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.</p>
40.00 80.00	<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 with gravel surface, 2nd rate. Timber, scattering palo verde, iron wood and mesquite. Undergrowth, dense greasewood brush and cat claw. At this cor. I set off 22° 17' S. on the decl. arc and at apparent noon observe the sun on the mer. The resulting lat. is 32° 34' N.</p>
29.05 40.00	<p>East, on a random line bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 3 lks. S. of the cor. of secs. 1, 2, 11 and 12. Thence I run S. 89° 59' W. on a true line bet. secs. 2 and 11. Over level land. Wash 60 lks. wide, 5 ft. deep, course N. 70° E. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S.2 on N., and S.11 on S. half, 1915 on S. rim.</p>
61.00 76.40 80.00	<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. Wash 20 lks. wide, 1 ft. deep, course N. 40° W. Road to Casa Grande brs. N. 30° E. and S. 30° W. Cor. of secs. 2, 3, 10 and 11. Land, level. Soil, gravelly, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, dense greasewood and catclaw.</p>

12.

Partial subdivision of T.10 S.R.4 E.

Chains

North, on a random line bet. secs. 2 and 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.03 Intersect N. bdy. of tp. 3 lks. W. of cor. of secs. 2, 3, 34 and 35, established by W.K.Kierulff, U.S. Transitman, and described in book "B."

Thence I run
S. $0^{\circ} 1'$ W. on a true line bet. secs. 2 and 3.
Over level land.

14.00 Wash 20 lks. wide, 4 ft. deep, course N. 20° E.
18.20 Wash 40 lks. wide, 8 ft. deep, course N. 20° E.
33.00 Wash 30 lks. wide 3 ft. deep, course N. 20° E.
40.03 True point for $\frac{1}{4}$ sec. cor. falls in wash 20 lks. wide, 4 ft. deep, course N. 20° E.; therefore at
39.50 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap, marked
W.C. $\frac{1}{4}$ S.3 on W. and
S.2 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.

55.20 Wash 15 lks. wide, 3 ft. deep, course N. 10° E.
80.03 Cor. of secs. 2, 3, 10 and 11.
Land, level.
Soil, adobe, 2nd rate.
Timber, scattering scrub mesquite.
Undergrowth, greasewood brush.

W.H.T. Jan. 8, 1915.

W.K.K.

Jan. 8, 1915, at 8 h., a.m. l.m.t., I set off $32^{\circ} 30\frac{1}{2}'$ N. on the lat. arc; $22^{\circ} 17'$ S. on the decl. arc and determine a mer. with the solar, at the std. cor. of secs. 33 and 34, on S. bdy. of Tp. (2nd. Std. Par. St.) reestablished by W.H.T. and described in Book "A."

Thence I run

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

Over level land.

18.00m Irrigation ditch, 10 lks. wide, 1 ft. deep, course W.
20.00 Field of about 5 acres brs. 50 lks. W.
35.00 Field of about 10 acres brs. 1 ch. W.
36.30 Irrigation ditch, 10 lks. wide, 1 ft. deep, course W.
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ 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.

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.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.

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

Soil, sandy loam, 1st rate.

Undergrowth, greasewood brush.

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

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

Partial subdivision of T.10.S.R.4 E.

13.

Chains	
80.04	<p>Intersect N. and S. line 6 lks. S. of the cor. of secs. 26, 27, 34 and 35. Thence I run S. 89° 57' W. on a true line bet. secs. 27 and 34. Over level land. Road brs. N. and S. Wash 10 lks. wide, 1 ft. deep, course S. 60° W. Road brs. NE. and SW. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap, mkd. $\frac{1}{4}$ S. 27 on N.; and S. 34 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. 80.04 Cor. of secs. 27, 28, 33 and 34. Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood.</p>
11.40	<p>N. 0° 2' W. bet. secs. 27 and 28. Over level land. Wash 10 lks. wide, 2 ft. deep, course W. 40.00 Set an iron post 3 ft. long 2 ins. in diam. 24 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. 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. 21, 22, 27 and 28, with brass cap mkd. T.10 S.R.4 E. on N. half; S 22 in NE. S 27 in SE. S 28 in SW. and S 21 in NW. quadrants, 1915 on S. rim. 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	<p>East, on a random line bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor. 80.02 Intersect N. and S. line 6 lks. S. of the cor. of secs. 22, 23, 26 and 27. Thence I run S. 89° 57' W. on a true line bet. secs. 22 and 27. Over level land. 22.50 Road brs. N. and S. 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. 22 on N. and S 27 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.</p>

14.

Partial subdivision of T.10 S.R.4 E.

Chains	
73.50	Wash 12 lks. wide, 1ft. deep, course N. 75° W.
80.02	Cor. of secs. 21, 22, 27 and 28. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and iron wood. Undergrowth, greasewood brush. At this cor. I set off 22°17' S. on the decl. arc and at apparent noon observe the sun on the mer. The resulting lat. is 32° 32'N.
	N. 0° 2' W. bet. secs. 21 and 22. Over level land.
3.50	Road brs. N. 15° E. and S. 15° W.
24.20	Wash 50 lks. wide, 5 ft. deep, course N. 5° E and turns N.
30.20	Roadbrs. E. and W.
38.75	Leave wash course N. 5° W.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S.21 on W., and S.22 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.
49.50	Wash 50 lks. wide, 5 ft. deep, course N. 30° E.
80.00	Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap mkd. T.10 S.R.4 E. on N. half; S.15 in NE. S 22 in SE. S 21 in SW. and S16 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, 2nd rate. Undergrowth, greasewood and mesquite brush.
	East, on a random line bet. secs. 15 and 22.
40.00	Set tamps $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 12 lks. S. of the cor. of secs. 14, 15, 22 and 23. Thence I run S. 89° 55' W. on a true line bet. secs. 15 and 22. Over level land.
7.60	Wash 70 lks. wide, 5 ft. deep, course NW.
14.80	Road brs. NW. and SE.
32.60	Road brs. N. and S.
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.22 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.
46.80	Wash 10 lks. wide, 1 ft. deep, course NW.
63.90	Road brs. N. and S. 20° W.
72.90	Wash 50 lks. wide, 7 ft. deep, course N. 5° E.
80.00	Cor. of secs. 15, 16, 21 and 22. Land, level. Soil, sand and gravel, 3rd rate. Timber, scattering palo verde and iron wood. Undergrowth, dense greasewood brush.

Partial subdivision of T.10 S.R.4 E.

Chains

N. 0° 2' W. bet. secs. 15 and 16.
 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. 16 on W., and
 S. 15 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. 9, 10, 15 and 16, with brass cap mkd.
 T.10 S.R.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, 2nd rate.
 Undergrowth, dense greasewood brush.
 Jan. 8, 1915.

Jan. 12, 1915, at 8 h., a.m. l.m.t., I set off 32° 34' N. on the lat. arc; 21° 43' S. on the decl. arc and determine a mer. with the solar, at the cor. of secs. 9, 10, 15 and 16.
 Thence I run
 East, on a random line bet. secs. 10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.91 Intersect N. and S. line 4 lks. S. of cor. of secs. 10, 11, 14 and 15.
 Thence I run
 S. 89° 58' W. on a true line bet. secs. 10 and 15.
 Over level land.
 38.31 Road to Casa Grande brs. NE. and SW.
 39.95 $\frac{1}{2}$ 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.
 42.00 Enter dense brush.
 53.60 Wash 25 lks. wide, 5 ft. deep, course N.
 65.00 Leave dense brush.
 79.91 Cor. of secs. 9, 10, 15 and 16.
 Land, level.
 Soil, sandy loam with gravel, 2nd rate.
 Undergrowth, dense greasewood and mesquite brush.

N. 0° 2' W. bet. secs. 9 and 10.
 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. 9 on W., and
 S. 10 on E. half,
 1915 on S. rim.
 Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
 41.40 Road brs. NE. and SW.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, with brass

16.

Partial subdivision of T.10 S.R.4 E.

Chains

cap mkd.

T.10 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.

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.

undergrowth, greasewood and mesquite brush.

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

40.00

Set temp. ¼ sec. cor.

79.92

Intersect N. and S. line 12 lks. S. of the cor. of secs.
2, 3, 10 and 11.

Thence I run

S. 89° 55' W. on a true line bet. secs. 3 and 10.

Over level land.

7.30

Wash 25 lks. wide, 5 ft. deep, course N.

24.40m

Wash 25 lks. wide, 5 ft. deep, course N.

39.96

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.

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

79.92

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

Land, level.

Soil, sandy loam, 1st rate.

Undergrowth, greasewood and mesquite brush.

N. 0° 2' W. on a random line bet. secs. 3 and 4.

40.00

Set temp. ¼ sec. cor.

80.05

Intersect N. bdy. of Tp 9 lks. E. of the cor. of secs.

3, 4, 33 and 34 established by me and described in
book "B."

Thence I run

S. 0° 6' E. on a true line bet. secs. 3 and 4.

Over level land.

7.35

Road to Jack Rabbit Mine brs. E. and W.

40.05

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.

80.05

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

Soil, sandy loam, 1st rate. Land, level.

Undergrowth, greasewood and mesquite brush.

At this cor. I set off 21° 42' S. on the decl. arc and
 at apparent noon observe the sun on the mer. The
 resulting lat. is 32° 34' N.

Jan. 12, 1915.

Jan. 11, 1915, at 8 h. a.m. l.m.t., I set off 32° 30½' N.
 on the lat. arc; 21° 51' S. on the decl. arc and
 determine a mer. with the solar at the std. cor. of
 secs. 32 and 33 on S. bdy. of Tp. (2nd. Std. Par. S.), estab-
 lished by W.H.T. and described in Book "A."

Thence I run

N. 0° 2' W. bet. secs. 32 and 33.

Over level land.

Partial subdivision of T.10 S.R.4 E.

Chains	
15.00	Road brs. NW. and SE.
23.20	Wash 25 lks. wide 2 ft. deep, course E.
40.00	Set an iron post 3 ft long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S. 32 on W. and S.33 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. 28, 29, 32 and 33, with brass cap mkd.
	T.10 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.
	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, greasewood brush.
East, on a random line bet. secs. 28 and 33.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line at the cor. of secs. 27, 28, 33 and 34.
	Thence I run
West on a true line bet. secs. 28 and 33.	
	Over level land.
9.60	Road brs. N. and S.
17.60	Wash 15 lks. wide, 4 ft. deep, course N. 5° E.
19.70	Wash 15mlks. wide, 3 ft. deep, course N. 10° 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 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.
57.50	Road brs. NW. and SE.
80.00	Cor. of secs. 28, 29, 32 and 33.
	Land, level. Soil, adobe, 1st rate. Undergrowth, greasewood brush and scrub mesquite along the washes.
N. 0° 2' W. bet. secs. 28 and 29.	
	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.29 on W.,and S.28 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.)
49.20	Road brs. NW. and SE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap mkd.
	T.10 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.

18. Partial subdivision of T.10 S.R.4 E.

Chains

Dig pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level.
Soil, adobe, 1st rate.
Undergrowth, greasewood and mesquite brush.

East on a random line bet. secs. 21 and 28.
40.00 Set temp. ¼ sec. cor.
80.01 Intersect N. and S. line 1 lk. S. of the cor. of secs. 21, 22, 27 and 28.
Thence I run
West on a true line bet. secs. 21 and 28.
Over level land.
1.60 Road brs. N. 5° E. and S. 5° W.
8.90 Wash 50 lks. wide 6 ft. deep, course N. 10° E.
40.00½ Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.
¼ S. 21 on N. and
S. 28 on S. half;
1915 on S. rim.
Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.
80.01 Cor. of secs. 20, 21, 28 and 29.
Land, level.
Soil, adobe, 1st rate.
Undergrowth, dense greasewood and mesquite brush.

N. 0° 2' W. bet. secs. 20 and 21.
Over level land.
3.80 Wash 10 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. 20 on W. and
S. 21 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.
At this cor., I set off 21° 52' S. on the decl. arc and at apparent noon observe the sun on the mer. The resulting lat. is 32° 32½' N.
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.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. 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.
Undergrowth, greasewood and mesquite brush.

East, on a random line bet. secs. 16 and 21.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line 4 lks. S. of cor. of secs. 15, 16, 21 and 22.
Thence I run
S. 89° 58' W. on a true line bet. secs. 16 and 21.
Over level land.

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.16 on N., and S.21 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.
80.00	Cor. of secs. 16, 17, 20 and 21. Land, level. Soil, adobe, 1st rate. Undergrowth, greasewood and mesquite brush.
	N.0° 2' W. bet. secs. 16 and 17. 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.17 on W. and S.16 on E. half, and 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. 8, 9, 16 and 17, with brass cap mkd. T.10 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, 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, greasewood and mesquite brush.
40.00	East, on a random line bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor.
79.95	Intersect N. and S. line 3 lks. N. of cor. of secs. 9, 10, 15, and 16.
	Thence I run N. 89° 59' W. on a true line bet. secs. 9 and 16.
	Over level land.
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.9 on N., and S.16 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.
64.00	Road brs NW. and SE.
79.95	Cor. of secs. 8, 9, 16 and 17. Land, level. Soil, adobe, 1st rate. Undergrowth, greasewood and mesquite brush.
	Jan. 11, 1915.
	Jan, 12, 1915.
	N. 0° 2' W. bet. secs. 8 and 9.
	Over level land.
38.90	Road brs. NE and W.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.

20.

Partial subdivision of T.10 S.R.4 E.

Chains	
80.00	<p style="text-align: center;"> $\frac{1}{4}$ S. 8 on W., and $\frac{1}{4}$ S. 9 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 $3\frac{1}{2}$ ft. base 1$\frac{1}{2}$ ft. high W. of cor.</p> <p>Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9 with brass cap mkd.</p> <p style="text-align: center;"> T.10 SR.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. </p> <p>Dig pits 18 X 18 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood and mesquite.</p>
40.00	<p>East, on a random line, bet. secs. 4 and 9.</p>
79.97	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
79.97	<p>Intersect N. and S. line 3 lks. N. of cor. of secs. 3, 4, 9 and 10.</p>
39.98 $\frac{1}{2}$	<p>Thence I run N. 89° 59' W. on a true line, bet. secs. 4 and 9. Over level land.</p>
79.97	<p>Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p>
79.97	<p style="text-align: center;"> $\frac{1}{4}$ S. 4 on N., and $\frac{1}{4}$ S. 9 on S. half, 1915 on S. rim. </p>
79.97	<p>Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p>
79.97	<p>Cor. of secs. 4, 5, 8, and 9. Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood brush.</p>
40.00	<p>North, on a random line bet. secs. 4 and 5.</p>
80.03	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
80.03	<p>Intersect N. bdy. of tp. 3 lks. E. of cor. of secs. 4, 5, 32 and 33, established by me and described in book "B."</p>
24.75	<p>Thence I run S. 0° 1' E. on a true line bet. secs. 4 and 5. Over level land.</p>
40.03	<p>Road brs. E. and W.</p>
40.03	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.</p>
52.50	<p style="text-align: center;"> $\frac{1}{4}$ S. 5 on W. and $\frac{1}{4}$ S. 4 on E. half, 1915 on S. rim. </p>
80.03	<p>Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.</p>
80.03	<p>Road brs. E. and W. Cor. of secs. 4, 5, 8 and 9. Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood brush.</p>

W.K.K. Jan. 12, 1915.

Partial subdivision of T.10 S.R.4 E.

Chain		
	<p>W.H.T. Jan. 11, 1915, at 8 h. 30 m.a.m.1.m.t., I set off 32° 30¹/₂ N. on the lat. arc; 21° 52' S. on the decl. arc and determine a mer. with the solar at the std. cor. of secs. 31 and 32, on S.bdy. of Tp. (2nd. Std. Par. S.) reestablished by me, and described in Book "A."</p> <p>Thence I run N. 0° 3' W. bet. secs. 31 and 32 Over level land.</p> <p>24.80 Road brs. N. 70° W. and S. 70° E. 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ S. 31 on W. and S. 32 on E. half, 1915 on S. rim.</p> <p>from which, A mesquite tree 10 ins. in diam. brs. S. 88° E. 148 lks. dist. mkd. $\frac{1}{4}$ S 32 B T.</p> <p>No other trees within limits. Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth 3$\frac{1}{2}$ ft. base 1$\frac{1}{2}$ ft. high W. of cor.</p> <p>80.00 Set an iron post 3 ft; long 2 ins. in diam. 24 ins$\frac{1}{2}$ in the ground for cor. of secs. 29, 30, 31 and 32, with brass cap mkd. T.10 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.</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 mesquite. Undergrowth, greasewood brush.</p>	
	<p>East, on a random line bet. secs. 29 and 32.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.04 Intersect N. and S. line 2 lks. S. of cor. of secs. 28, 29, 32 and 33.</p> <p>Thence I run S. 89° 59' W. on a true line bet. secs, 29 and 32. Over level land.</p> <p>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 mki. $\frac{1}{4}$ S. 29 on N., and S. 32 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 3$\frac{1}{2}$ ft. base 1$\frac{1}{2}$ ft. high N. of cor.</p> <p>80.04 Cor. of secs. 29, 30, 31 and 32. Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood and mesquite brush.</p>	
	<p>West, on a random line bet. secs. 30 and 31.</p> <p>40.00 Sst temp. $\frac{1}{4}$ sec. cor. 79.94 Intersect W. bdy. of tp. at cor. of secs. 25, 30, 31 and 36, established by W.K. Kierulff, U.S. Transitman, and described in book "B".</p> <p>Thence I run East, on a true line bet. secs. 30 and 31. Over level land.</p> <p>39.94 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the</p>	

22.

Partial subdivision of T.10 S.R.4 E.

Chains

- ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S.30 on N. and
 S.31 on S. half, and
 1915 on S. rim.
- 79.94 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. 29, 30, 31 and 32.
 Land, level.
 Soil, sandy loam, 1st rate.
 Undergrowth, greasewood and mesquite brush.
-
- 40.00 N. 0° 3' W. bet. secs. 29 and 30.
 Over level land.
 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S. 30 on W. and
 S.29 on E. half, and
 1915 on S. rim.
- 78.00 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.
 Wash 10 lks. wide 1 ft. deep course E.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the
 ground for cor. of secs. 19, 20, 29 and 30, with brass
 cap mkd.
 T.10 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, 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, sandy loam, 1st rate.
 Undergrowth, greasewood and mesquite brush.
 At this cor. I set off 21° 52' S. on the decl. arc; and at
 apparent noon observe the sun on the mer. The resulting
 lat. is 32° 32' N.
-
- 40.00 East, on a random line bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
- 80.07 Intersect N. and S. line at cor. of secs. 20, 21, 28 and
 29.
 Thence I run
 West, on a true line bet. secs. 20 and 29.
 Over level land.
- 17.00 Road brs. N. 20° W. and S. 20° E.
- 40.03 $\frac{1}{2}$ Set an iron post 3ft. long 1 in. in diam. 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S.20 on N. and
 S. 29 on S. half, and
 1915 on S. rim.
- from which,
 A mesquite 5 ins. in diam. brs. N. $14\frac{1}{2}^{\circ}$ W. 81 lks.
 dist. mkd. $\frac{1}{4}$ S 20 E.T.
- 80.07 Cor. of secs. 19, 20, 29 and 30.
 Land, level.
 Soil, sandy loam, 1st rate.
 Undergrowth, dense greasewood and mesquite brush, 4 ft.
 to 12 ft. high.

Partial subdivision of T.10 S.R.4 E.

Chains

West, on a random line bet. secs. 19 and 30.

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

79.93 Intersect W. bdy. of tp. 3 lks. S. of cor. of secs. 19, 24, 25 and 30, as established by W.K.Kierulff, U.S. Transitman, and described in book "B!"

Thence I run
S. $89^{\circ} 59'$ E. on a true line bet. secs. 19 and 30.
Over level land.

39.93 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, 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.

79.93 Cor. of secs. 19, 20, 29 and 30.
Land, level.
Soil, sandy loam, 1st rate.
Undergrowth, greasewood and mesquite brush.

N. $0^{\circ} 3'$ W. bet. secs. 19 and 20.

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. 19 on W., and
S. 20 on E. half, and
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.

78.40 Wash 10 lks. wide 1 ft. deep, course N. 70° W.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.
T.10 S.R.4 E. on N. half;
S 17 on NE.
S 20 in SE.
S 19 in SW. and
S 18 in NW. quadrants, and
1915 on S. rim.

from which,
A mesquite 8 ins. in diam. brs. S. $27^{\circ} 30'$ E.
67 lks. dist. mkd. T.10 S.R.4 E.S.20 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 mesquite.
Undergrowth, greasewood and mesquite brush.

East, on a random line bet. secs. 17 and 20.

40:00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line 2 lks. N. of cor. of secs. 16, 17, 20 and 21.

Thence I run
N. $89^{\circ} 59'$ W. on a true line bet. secs. 17 and 20.
Over level land.

40.04 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S. 17 on N., and
S. 20 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.

49.68 Road brs. N. 30° W. and S. 30° E.

24. Partial subdivision of T.10 S.R.4 E.

Chains	
76.48	Wash 10 lks. wide, 1 ft. deep, course N. 70° E.
80.08	Cor. of secs. 17, 18, 19 and 20. Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood and mesquite brush. W.H.T. Jan. 11, 1915.
<hr/>	
	W.K.K. Jan. 13, 1915, at 8 h. a.m.l.m.t., I set off 32° 33' N. on the lat. arc; 21° 32½' S. on the decl. arc and determine a mer. with the solar at the cor. of secs. 17, 18, 19 and 20. Thence I run West, on a random line bet. secs. 18 and 19.
40.00	Set temp. ¼ sec. cor.
79.91	Intersect W. bdy. tp. 3 lks. N. of cor. of secs. 13, 18, 19 and 24, established by me and described in book "B". Thence I run N. 89° 59' E. on a true line bet. secs. 18 and 19. Over level land. Road, bds. N. 10° E., and S. 10° W.
3.00	
39.91	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. 18 on N. and S. 19 on S. half, 1915 on S. rim. Dig pits 18 X 18 X 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.
79.91	Cor. of secs. 17, 18, 19 and 20. Land, level. Soil, sandy loam, 1st rate. Undergrowth, greasewood brush,
<hr/>	
	N. 0° 3' W. bet. secs. 17 and 18. Over level land.
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. 18 on W. and S. 17 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.
45.50	Road bds. N. 30° W. and S. 30° E.
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.10 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. 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 brush.
<hr/>	
	East, on a random line bet. 8 and 17.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect N. and S. line 4 lks. N. of cor. of secs. 8, 9, 16 and 17. Thence I run N. 89° 58' W. on a true line bet. secs. 8 and 17.

Partial subdivision of T.10 S.R.4 E.

Chains

40.04 Over level land.
 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap mkd.
 $\frac{1}{4}$ S.8 on N., and
 S.17 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.

80.08 Cor. of secs. 7, 8, 17 and 18.
 Land, level.
 Soil, adobe, 1st rate.
 Undergrowth greasewood brush.

West on a random line bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.82 Intersect W. bdy. tp at cor. of secs. 7, 12, 13 and 18, established by me, and described in book "B."
 Thence I run
 East on a true line bet. secs. 7 and 18.

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

79.82 Cor. of secs. 7, 8, 17 and 18.
 Land, level.
 Soil, adobe, 1st rate.
 Undergrowth, greasewood.
 At this cor. I set off $21^{\circ}32'$ S. on the decl. arc and at apparent noon observe the sun on the mer. The resulting lat. is $32^{\circ}34'N$.

N. $0^{\circ}3'$ W. bet. secs. 7 and 8.
 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.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 a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.
 T.10 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 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, greasewood brush.

26.

Partial subdivision of T.10 S.R.4 E.

Chains	
	East, on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ S. cor.
80.00	Intersect N. and S. line 4 lks. N. of cor. of secs. 4, 5, 8 and 9.
	Thence I run
	N. $89^{\circ} 58'$ W. on a true line bet. secs. 5 and 8.
	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.5 on N., and
	S.8 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.
80.00	Cor. of secs. 5, 6, 7 and 8.
	Land, level.
	Soil, adobe, 1st rate.
	Undergrowth, greasewood brush.
	West, on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.81	Intersect W. bdy of tp. 5 lks. N. of cor. of secs. 1, 6, 7 and 12, established by me, and described in Book "B."
	Thence I run
	N. $89^{\circ} 58'$ E. on a true line bet. secs. 6, and 7.
	Over level land.
7.80	Irrigation ditch brs. NE. and SW.
39.81	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with brasscap mkd.
	$\frac{1}{4}$ S.6 on N., and
	S.7 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.
40.81	Fence brs. N. and S.
44.80	Corral about 150 ft. square brs. S. about 3 chs. dist.
79.81	Cor. of secs. 5, 6, 7 and 8.
	Land, level.
	Soil, adobe, 1st rate.
	Undergrowth, greasewood brush.
	N. $0^{\circ} 3'$ W. on a random line, bet. secs. 5 and 6.
	Over level land.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.97	Intersect N. bdy of tp. 15 lks. E. of cor. of secs. 5, 6, 31 and 32, established by me and described in book "B."
	Thence I run
	S. $0^{\circ} 9'$ E. on a true line bet. secs. 5 and 6.
	Over level land.
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 nkd.
	$\frac{1}{4}$ S.6 on W. and
	S.5 on E. half, and
	1915 on S. rim.
79.97	Dig pits 18 X 18 X 12 ins. N. and S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
79.97	Cor. of secs. 5, 6, 7 and 8.
	Land, level.
	Soil, adobe, 1st rate.
	Undergrowth, greasewood brush.

W.K.K. Jan. 13, 1915.

GENERAL DESCRIPTION

The east tier of sections is mountainous and rough rolling land of the Sierrita Prieta Range, with the next tier, rolling land. The remainder of the township is level land.

The main drainage system is to the north through sections 22, 15, 10, 2 and 3.

The soil on the level land, is sandy loam and adobe, first rate, gradually changing to stony in the mountains.

In the south west quarter of section 33 the indians have built a small village of about 30 houses and use the flood water in the washes, from the spring freshets to irrigate their small fields.

There are good copper prospects in sections 23, 24 and 25. Palo verde and iron wood grow abundantly along the slopes of the mountains and mesquite is to be found along some of the washes on the level land.

The undergrowth consists of greasewood brush and cat claw on the level land and ocotillos and cacti in the mountains.

There are no homesteads.

Water has been found in some of the deeper prospect shafts.

BOOK 29

29 FOR CERTIFICATES OF UNITED STATES SURVEYOR AND UNITED STATES TRANSITMAN,

See Book "C." of this Group.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, MAR 19 _____, 1917.

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

Township 10 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 special instructions dated July 29, 1914, for Group 38 Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature]

U. S. Surveyor General of Arizona.

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