

2715

4-679

Book "C"

BOOK 2715

Resurvey Exteriors

FIELD NOTES

OF THE RESURVEY OF THE

orig. 73
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SEP 2 1914

NORTH, EAST & WEST Bdrs. of Tp.10 S., R.23 E.

PORTION of NORTH Bdy. of Tp.10 S., R.22 E.

and

PORTION of WEST Bdy. of Tp.9 S., R 23 E.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Thomas B. Matthews,

In the capacity of U. S. Surveyor, under instructions dated September 24, 1912, issued by the United States Surveyor General to govern surveys included in Group No. 22, which were approved by the Commissioner of the General Land Office, October 3, 1912, pursuant to authority contained in the Act of Congress dated August 23, 1912.

ReSurvey commenced April 9, 1913

ReSurvey completed April 19, 1913

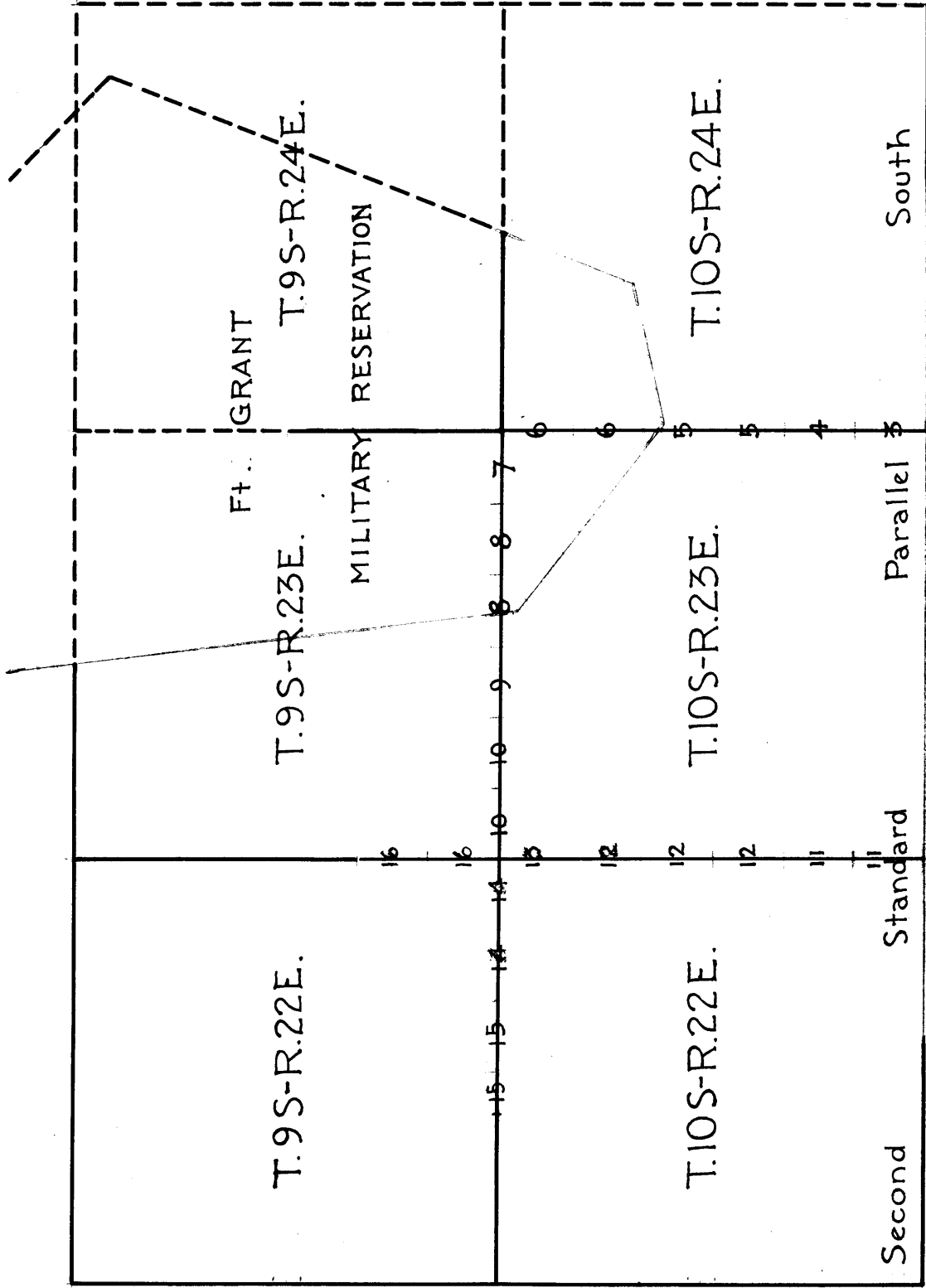
INDEX DIAGRAM.

Township _____, Range _____

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

INDEX DIAGRAM

Book "C"



- Notes in this Book (C) - pages indexed
- " " Book "B"
- " " " "A"
- " " " "D"
- Surveyed Lines
- Unsurveyed "

RETACEMENT OF NORTH BDY. OF TP. 10 S., R. 23 E. and
PORTION OF NORTH BOUNDARY OF TOWNSHIP 10 SOUTH, RANGE 22 E.

15

Chains

Retracements and resurveys commenced April 9th, 1913 and executed by Thomas B. Matthews, U. S. Surveyor, with Young & Sons Light Mountain Transit No. 8480, with solar attachment, the horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the lat and decl. arcs. This instrument was approved by the Supervisor of Surveys, Jan. 30th, 1913.

I examine the adjustments of the transit and find them to be correct, and know from recent tests of the solar apparatus, by comparing its indications resulting from solar observations, made during a. m. and p. m. hours, with a meridian established by observations on Polaris, at elongation, that the instrument is in satisfactory adjustment.

At 7h. 30m. a. m., l. m. t., I set off 7° 31½' N. on decl. arc and 32° 35½' on lat arc and determine a meridian with the solar at the point for old ¼ sec. cor. bet. secs. 2 and 35, as determined from S. W. bearing tree, which is

An ash 14 ins. in dia. marked as described by the Surveyor General.

Note: The above described tree is greatly decayed. The magnetic bearing of the true meridian thus established at 8h. 0m., a. m., l. m. t., is N. 12° 55' W.; the angle thus determined gives the magnetic decl 12° 55' E.

Thence I run,
East on random line from point for ¼ sec. cor. bet. secs. 2 & 35.

40.00 Make diligent search for old cor. of secs. 1, 2, 35 & 36, which I fail to find, therefore, I continue my random line East bet. secs. 1 & 36.

80.00 Make diligent search for old ¼ sec. cor., which I fail to find.

120.00 Make diligent search for old cor. of Tps. 9 & 10 S., Rs. 23 & 24 E., which I also fail to find, therefore, I set temp. cor. for the above numbered Tps.

From the point for ¼ sec. cor. bet. secs. 2 & 35, Tps. 9 & 10 S., R. 23 E., hereinbefore described.

I run,
West on a random line, bet. secs. 2 & 35.

40.00 Make diligent search for old cor. of secs. 2, 3, 34 & 35, which I fail to find, therefore, I continue my random line

80.00 Make diligent search for ¼ sec. cor. which I fail to find

120.05 Make diligent search for old cor. of secs. 3, 4, 33 & 34, which I fail to find.

160.05 Make diligent search for old ¼ sec. cor., which I fail to find.

200.05 Make diligent search for old cor. of secs. 4, 5, 32 & 33, which I fail to find.

240.08 Make diligent search for old ¼ sec. cor., which I fail to find.

280.10 Make diligent search for old cor. of secs. 5, 6, 31 & 32, which I fail to find.

320.16 Make diligent search for old ¼ sec. cor., which I fail to find.

359.76 Make diligent search for old cor. of Tps. 9 & 10 S., Rs. 22 & 23 E., which I also fail to find.

Therefore, I continue my random line West bet. Tps. 9 & 10 S., retracing North boundary of Tp 10 S., R. 22 E.

399.76 Make diligent search for old ¼ sec. cor., which I fail to find.

439.76 Make diligent search for old cor. of secs. 1, 2, 35 & 36, which I fail to find.

2. Retracement of Portions of North Bdy. of Tps. 10 S., Rs. 23 & 22 E., and EastBdy. Ts; 10 S., R. 23 E.

Chains

- 479.76 Make diligent search for old $\frac{1}{4}$ sec. cor., which I fail to find.
 519.76 Make diligent search for old cor. of secs. 2, 3, 34 & 35, which I fail to find.
 559.76 Make diligent search for old $\frac{1}{4}$ sec. cor., which I fail to find.
 599.76 Make diligent search for old cor. of secs. 3, 4, 33 & 34, which I fail to find.
 640.18 Fall 59 lks. N. of old $\frac{1}{4}$ sec. cor. bet. secs. 4 & 33, Tps. 9 & 10 S., R. 22 E., which is a granite stone 5 x 5 x 12 ins., loosely set & marked as described by the Surveyor General.

April 9th, 1913.

Retracement of Portions of North Bdrs. of
 Ts. 10 S., Rs. 23 and 22 E.

April 10, 1913; at the point for $\frac{1}{4}$ sec. cor., bet. secs. 2 & 35, Tps. 9 & 10 S., R. 23 E., hereinbefore described I set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 35 in N. and

S 2 1913 in S. half, from which

A sycamore 10 ins. in dia. bears S. $29\frac{1}{2}^{\circ}$ W. 61 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A sycamore 36 ins. in dia. bears N. $46\frac{1}{2}^{\circ}$ W. 150 lks. dist., marked $\frac{1}{4}$ S 35 B T.

At 8h. Om., a. m., 1. m. t., I set off $7^{\circ} 54'$ N. on the decl arc, $32^{\circ} 35\frac{1}{2}'$ on the lat. arc, and determine a meridian with the solar at the above described cor.

Thence I run,

S. $89^{\circ} 57'$ W. on temp. line bet. Tps. 9 & 10 S., Rs. 23 and 22 E., setting temp. sec. cor. & $\frac{1}{4}$ sec. cors. at distances proportional to distances on original plat, and at 640.18 chs. intersect $\frac{1}{4}$ sec. cor. bet. secs. 4 & 33 Tps. 9 & 10 S., R. 22 E.

This cor. being in a state of delapidation, I destroy all trace of the old cor. and reestablish it as follows:

Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 33 in N. &

S 4 1913 in S. half,

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

Note: At the temp. cor. of Tps. 9 & 10 S., Rs. 22 & 23 E. I set off $7^{\circ} 57'$ N. on decl arc and at 11h. 58m. 32s., a. m., 1. m. t., observe the sun on the meridian and obtain a reading of $32^{\circ} 35\frac{1}{2}'$ on the lat. arc.

April 10, 1913.

Retracement of EastBdy. of Township 10 S., R. 23 E.

April 14, 1913.

At 9h. Om., a. m., 1. m. t., I set off $9^{\circ} 22'$ N. on the decl. arc, $32^{\circ} 30\frac{1}{2}'$ on the lat. arc, and determine a meridian with the solar at the Standard Cor. of T. 10 S., Rs. 23 & 24 E., previously reestablished and described by me, in book "B."

Thence I run,

North on a random line, bet. Rs. 23 & 24 E., making diligent search for old $\frac{1}{4}$ sec. cors. and sec. cors. at intervals of 40 chs., but fail to find any evidence of original corners on this line.

- 480.00 Fall 14 lks. E. of temp. cor. for Tps. 9 & 10 S., Rs. 23 & 24 E., set on E. & W. line. I determine the above

Retracement of Frac. West Bdy. T. 9 S., R. 23 E., W. Bdy. T. 10 S., R. 23 E. and Resurvey of East Bdy. T. 10 S., R. 23 E. 3.

Chains

mentioned temp. cor. to be the true point for the cor. of Tps. 9 & 10 S., Rs. 23 & 24 E. Therefore, the true return bearing is S. 0° 01' E. Also the true bearing for the N. bdy. of T. 10 S., R. 23 E. from this cor. to the 1/4 sec. cor., bet. secs. 2 and 35, Ts. 9 and 10 S., R. 23 E. is West.

April 14, 1913.

Retracement of West Bdy. of T. 10 S., R. 23 E., and Fractional West Bdy of T. 9 S., R. 23 E.

April 15, 1913.

At 9h. 0m., a. m., l. m. t., I set off 9° 43 1/2' N. on the decl. arc, 32° 30 1/2' on the lat. arc, and determine a meridian with the solar at the Standard cor. of Tp. 10 S., Rs. 22 & 23 E., previously reestablished and described by me in book "B."

Thence I run,

North on a random line, bet. Rs. 22 & 23 E., making diligent search for old 1/4 sec. and sec. cors. at intervals of 40 chs., but fail to find any evidence of original cors. on this line, until at 640.56 chs. fall 50 lks. E. of old cor. of secs. 19, 24, 25 & 30, Tp. 9 S., Rs. 22 & 23 E., which is a charred stake deposited in a mound of earth, witnessed as described by the Surveyor General.

Thence I run,

S. 0° 03' E. on temp line, bet. Rs. 22 & 23 E., setting temp 1/4 sec. cors. at distances proportional to distances given on original plats.

160.14

Set temp. cor. for Tps. 9 & 10 S., Rs. 22 & 23, E., from which I determine point for cor. of the above numbered Tps., 28 lks. E. & 8 lks. S. of temp. cor. for the above numbered Tps. set on E. & W. line.

West Bdy of T. 10 S., R. 23 E.

From the last above mentioned temp. cor. on N. & S. line I run,

S. 0° 03' E. on temp line, setting temp. 1/4 sec. & sec. cors. at distances proportional to distances given on original plat, and at 480.42 chs. intersect Standard cor. of Tp. 10 S., Rs. 22 & 23 E., previously reestablished and described by me in book "B."

Note: At the temp. cor. of secs. 7, 12, 13 & 18, I set off 9° 46' N. on the decl. arc, and at 12h. 00m. 10s. p.m., l. m. t., observe the sun on the meridian and obtain a reading of 32° 34' on the lat. arc.

April 15, 1913.

Resurvey of East Bdy. of T. 10 S., R. 23 E.

April 16, 1913.

At 8h. 30m., a. m., l. m. t., I set off 10° 04 1/2' N. on the decl arc, 32° 30 1/2' on the lat. arc and determine a meridian with the solar at the Standard cor. of Tp. 10 S., Rs. 23 & 24 E., previously reestablished and described by me in book "B."

Thence I run,

N. 0° 01' W. on a true line, bet. secs. 31 & 36. Over slightly rolling prairie land, through scattering yuccas 6 to 10 ft. high.

40.00

Set an iron post 3 ft. long, 1 in in dia., 26 ins. in the ground for reestablished 1/4 sec. cor., with a brass cap marked 1/4 S 36 in W., S 31 in E., and

4. Resurvey of East Boundary of Township 10 South, Range 23 East.

Chains

1913 on S. half,
dig pits 18 x 18 x 12 ins., N. & S. of post, 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W.
of cor.

80.00 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in
ground for reestablished cor. of secs. 25, 30, 31 & 36,
with a brass cap marked T 10 S in N. and
1913 in S. half,
R 23 E S 25 in N. W.
R 24 E S 30 in N E.,
S 31 in S E. and
S 36 in S W. quadrant,

dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level & rolling.

Soil, loose, red, sandy loam, medium to coarse texture, 12
to 18 ins. deep on clay sub-soil.
Good grama-grass, scattering yuccas, 6 to 10 ft. high.
No timber.

Thence I run

N. 0° 01' W. on a true line, bet. secs. 25 & 30.

Over level prairie land.

29.50 Wagon road, bears N. 60° W., S. 60° E.

40.00 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in
ground for reestablished 1/4 sec. cor., with a brass cap
marked 1/4 S 25 in W.,

S 30 in E. and

1913 in S. half,

dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W.
of cor.

80.00 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in
the ground for reestablished cor. of secs. 19, 24, 25
& 30, with a brass cap, marked

T 10 S in N. and

1913 in S. half,

R 23 E S 24 in N W.,

R 24 E S 19 in N E.,

S 30 in S E., and

S 25 in S W. quadrant,

dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.,
and raise a mound of earth 4 ft. base, 2 ft. high W. of
cor.

Land, level and rolling.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins.
deep on clay sub-soil.

Good grama-grass.

No timber.

Thence I run,

N. 0° 01' W. on a true line, bet. secs. 19 & 24.

Over level prairie land.

9.00 Dry wash 30 lks. wide, 1 ft. deep, course S. 60° W.

40.00 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the
ground for reestablished 1/4 sec. cor., with a brass cap
marked 1/4 S 24 in W., S 19 in E. &

1913 in S. half,

dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W.
of cor.

48.40 Wagon road, from Willcox to Bonita, bears N. 30° W., S.
30° E.

80.00 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the
ground for reestablished cor. of secs. 13, 18, 19 and
24, with a brass cap marked

T 10 S in N. and

Resurvey of East Boundary of Township 10 South, Range 23 East 5.

Chains.

1913 in S. half,
R 23 E S 13 in N W.,
R 24 E S 18 in N E.,
S 19 in SE., and
S 24 in S W. quadrant,

dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.,
and raise a mound of earth 4 ft. base 2 ft. high W. of
cor.

Land, level and rolling.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins.
deep on clay sub-soil.

Good grama-grass.

No timber.

At the above described cor. I set off 10° 07 1/2' N. on decl.
arc and at llh. 59m. 55s., a. m., l. m. t., observe the
sun on the meridian, and obtain a reading of 32° 33' on
the lat. arc.

Thence I run

N. 0° 01' W. on a true line, bet. secs. 13 & 18.

Over level prairie land.

34.75 Wagon road, bears N. 30° E., S. 30° W.

40.00 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the
ground for reestablished 1/4 sec. cor., with a brass cap
marked

1/4 S 13 in W.,
S 18 in E. and
1913 in S. half,

dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W.
of cor.

45.00 Enter scattering yuccas 4 to 8 ft. high, bears E. & W.

48.10 Wagon road, bears N. 30° E., S. 30° W.

56.90 Intersect S. bdy. of Ft. Grant Military Reservation 105 lks.

N. 50° 01' W. of S. Angle Point of Reservation bdy. rees-
tablished by me as described in book "A."

At the above described point of intersection I set an iron
post 3 ft. long, 3 ins. in dia., 24 ins. in the ground
for reestablished C C of Tp 10 S., Rs. 23 & 24 E., with
a brass cap marked F G M R A in N.

T 10 S 1913 in S. half,
S 18 R 24 E in S E., and
S 13 R 23 E in S W. quadrant and
C C W. of center;

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

57.50 Wagon road, bears N W. and S E.

80.00 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in
the ground for reestablished cor. of secs. 7, 12, 13
and 18, with a brass cap marked

R 10 S in N. and
1913 in S. half,
R 23 E S 12 in N W.,
R 24 E S 7 in N E.,
S 18 in S E., and
S 13 in S W. quadrant;

dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.,
and raise a mound of earth 4 ft. base, 2 ft. high W. of
cor.

Land, level.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins.
deep on clay sub-soil.

Good grama-grass, scattering yuccas 4 to 8 ft. high.

No timber.

6. Resurvey of the East Boundary of Township 10 S., R. 23 E.

Chains	
	Thence I run N. 0° 01' W. on a true line, bet. secs. 7 and 12. Over slightly rolling prairie land.
4.75	Wagon road, bears N. 60° W., S. 60° E.
27.50	Dry wash, 5 lks. wide, course S W.
37.50	Dry wash, 50 lks. wide, course S W.
40.00	Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 12 in W., S 7 in E. and 1913 in S. half, dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
45.50	Wagon road, bears N. 30° W., S. 30° E.
51.00	Wagon road bears E. & W.
69.00	Wagon road, bears E. & W.
80.00	Set an iron post 3 ft. long, 2 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 1, 6, 7 & 12, with a brass cap marked T 10 S. in N. & 1913 in S. half, R 23 E S 1 in N W., R 24 E S 6 in N E., S 7 in S E., and S 12 in S W. quadrant, dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level and rolling. Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil. Good grama-grass, scattering yuccas 4 to 8 ft. high. No timber.

	Thence I run N. 0° 1' W. on a true line, bet. secs. 1 & 6. Over slightly rolling land, through scattering yuccas 4 to 8 ft. high.
18.00	Dry, sandy wash, 50 lks. wide, course N. 60° W.
29.00	Dry, sandy wash, 50 lks. wide, course West.
40.00	Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap, marked $\frac{1}{4}$ S. 1 in W., S 6 in E. and 1913 in S. half dig pits 18 x 18 x 12 ins., N. & S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
46.00	Dry wash 50 lks. wide, course West.
50.00	Dry wash 30 lks. wide, 1 ft. deep, course West.
55.00	Creek, clear, cold water, 15 lks. wide, 2 ft. deep, course S. 60° W.
67.00	Wagon road, bears E. & W.
80.00	Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of Tps. 9 & 10 S., Rs. 23 & 24 E., with a brass cap marked T 9 S. in N., R 24 E in E., T 10 S 1913 in S., and R 23 E in W. half, S 36 in N W., S 31 in N E., S 6 in S E., and S 1 in S W. quadrant, dig pits 24 x 24 x 12 ins. on each line E., W. and N. 4 ft. and S. of post, 8 ft. dist., and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high S. of cor. Land, level and rolling. Loose, gravelly, sandy loam soil, medium to fine texture, 18 to 24 ins. deep on clay sub-soil. Good grama-grass, scattering yuccas 4 to 8 ft. high, mesquite brush 3 to 6 ft. high on N. end of line. Scattering oak timber along banks of creek.

April 16, 1913.

Resurvey of North Boundary of Township 10 S., R. 23 E. 7.

Chains

April 17, 1913.
At 7h. 30m., a. m., 1. m. t., I set off 10° 25½' N. on decl. arc, 32° 35½' on lat. arc, and determine a meridian with the solar at the reestablished cor. of Tps. 9 & 10 S., Rs. 23 & 24 E., above described.

Thence I run,
West on a true line bet. secs. 1 & 36.
Over slightly rolling land, through mesquite brush 4 to 6 ft. high.

- 4.50 Deep wash, 10 lks. wide, clear, cold water, 2 ft. deep, course S. 30° W.
- 18.00 Dry wash, 20 lks. wide, course S. 30° W.
- 24.75 Dry wash 30 lks. wide, 1 ft. deep, course South
- 36.00 Wagon road bears N. & S.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished ¼ sec. cor., with a brass cap marked ¼ S 36 in N. & 1913 in S. half,
dig pits 18 x 18 x 12 ins., E. & W. of post, 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
- 69.00 Wagon road, bears N. 30° E., S. 30° W.
- 75.00 Dry wash, 15 lks. wide. 2 ft. deep, course South.
- 80.00 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 1, 2, 35 & 36, with a brass cap marked

- T 9 S in N.,
- T 10 S 1913 in S. and
- R 23 E in W. half,
- S 35 in N W.,
- S 36 in N E.,
- S 1 in S E., and
- S 2 in S W. quadrant,

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

Land, level & Rolling.
Soil, loose, sandy loam, 2 to 3 ft. deep, medium to fine texture.
Good grama-grass, scattering yuccas & mesquite brush 4 to 8 ft. high.
No timber.

Thence I run,
West on a true line bet. secs. 2 and 35.
Over level land, through mesquite brush 4 to 6 ft. high.

- 5.50 Wagon road, bears N. & S.
- 19.50 Wagon road, bears N. & S.
- 31.00 Old bed of creek ¼ ch. wide, 3 ft. deep, course South.
- 36.00 Bonita Creek, 50 lks. wide, 2 ft. deep, course S. 30° E. Good, cold, clear water. (hereinbefore described.)
- 40.00 Intersect ¼ sec. cor., previously reestablished by me, and

Thence I run,
S. 89° 57' W. from ¼ sec. cor. on true line bet. secs. 2 and 35.

West Half Mile.

Over slightly rolling land, through scattering mesquite brush and yuccas 4 to 8 ft. high.

- .50 Dry wash 50 lks. wide, 3 ft. deep, course South.
- 1.25 Wagon road, bears N. & S.
- 40.03 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 2, 3, 34 and 35, with a brass cap marked

- T 9 S in N.,
- T 10 S 1913 in S., and
- R 23 E in W. half,
- S 34 in N W.,
- S 35 in N E.,
- S 2 in S E. and
- S 3 in S W. quadrant, from which

8. Resurvey of North Boundary of Township 10 S., R. 23 E.

Chains

- A cottonwood 18 ins. in dia., bears N. $36\frac{1}{2}^{\circ}$ E.
252 lks. dist., marked T 9 S R 23 E S 35 B T.
No more trees within limits.
Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land, level and rolling.
Soil, loose, sandy loam, medium to fine texture, 2 to 3
ft. deep.
Good grama and bunch brass, mesquite brush and yuccas 4
to 8 ft. high.
Scattering timber along creek bank at $\frac{1}{4}$ sec. cor.
-
- Thence I run,
S. $89^{\circ} 57'$ W. on a true line, bet. secs. 3 and 34.
Over level land.
- 13.30 Creek 10 lks. wide, 4 ft. deep, clear, cold water, course
South.
- 35.50 Dry wash 10 lks. wide, course South.
- 40.03 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the
ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap
marked $\frac{1}{4}$ S 34 in N. and
S 3 1913 in S. half,
dig pits 18 x 18 x 12 ins., E. and W. of post, 3 ft.
dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high N. of cor.
- 40.54 Intersect west boundary of Ft. Grant Military Reservation
14.58 chs. N. $7^{\circ} 24'$ W. of 8th mile cor., established
by me and described in book "A."
At the above point of intersection I set an iron post 3
ft. long, 3 ins. in dia., 24 ins. in the ground for
reestablished C C of Tps. 9 and 10 S., R. 23 E., with a
brass cap marked
C C, E. of center,
F G M R A in E.,
1913 in S. and
R 23 E in W. half,
S 34 in N W. and
S 3 in S E. sector,
dig pits 24 x 18 x 12 ins., crosswise on each line N.
and S. 3 ft. and W. of post 7 ft. dist., and raise a
mound of earth 4 ft. base, 2 ft. high W. of cor.
- 41.00 Wagon road, parallel to Reservation line.
- 47.00 Wagon road, bears N. 15° W., S 15° E.
- 57.00 Wagon road, bears N. 30° W., S. 30° E.
- 64.50 Wagon road, bears N. and S.
- 67.00 Wagon road, bears N. 30° W., S. 30° E.
- 80.10 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in
the ground for reestablished cor. of secs. 3, 4, 33 &
34, with a brass cap marked
T 9 S in N.,
T 10 S 1913 in S., and
R 23 E in W. half,
S 33 in N W.,
S 34 in N E.,
S 3 in S E., and
S 4 in S W. quadrant,
dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.
and raise a mound of earth 4 ft. base, 2 ft. high W.
of cor.
Land, level and rolling.
Soil, loose, red, sandy loam, fine to medium texture, 18 to
24 ins. deep on clay sub-soil.
Good grama-grass, bunch grass on E. end of mile.
Scattering yuccas 4 to 8 ft. high.
No timber.
-

Resurvey of North Boundary of Township 10 S., R. 23 E. 9.

Chains.

Thence I run,
S. 89° 57' W. on a true line, bet. secs. 4 and 33.
Over level prairie land, through scattering yuccas 4 to 8 ft. high.

40.025 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 33 in N. and S 4 1913 in S. half, dig pits 18 x 18 x 12 ins. E. & W. of post, 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

53.00 Dry wash 50 lks. wide, 2 ft. deep, course South.

73.00 Wagon road, bears N. 30° W., S. 30° E.

80.05 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 4, 5, 32 and 33, with a brass cap, marked

- T 9 S in N.,
- T 10 S. 1913 in S., and
- R 23 E in W. half,
- S 32 in N W.,
- S 33 in N. E.,
- S 4 in S E. and
- S 5 in S W. quadrant,

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

Land, level.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.

Good grama-grass, scattering yuccas.

No timber.

At the above described cor. I set off 10° 29' N. on the decl. arc and at 11h. 59m. 40s., a. m., l. m. t., observe the sun on the meridian and obtain a reading of 32° 35 $\frac{1}{2}$ ' on the lat. arc.

Thence I run,
S. 89° 57' W. on a true line, bet. secs. 5 and 32.
Over level, prairie land, through scattering yuccas 4 to 8 ft. high.

40.055 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 32 in N. and S 5 1913 in S. half, dig pits 18 x 18 x 12 ins. E. & W. of post, 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

80.11 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 5, 6, 31 & 32, with a brass cap marked

- T 9 S in N.,
- T 10 S 1913 in S. and
- R 23 E in W. half,
- S 31 in N W.,
- S 32 in N E.,
- S 5 in S E. and
- S 6 in S W. quadrant,

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

Land, level.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.

Good grama-grass, scattering yuccas 4 to 8 ft. high.

No timber.

10. Resurvey of North and West Boundaries of T. 10 S., R. 23 E.

Chains.

- Thence I run,
S. $89^{\circ} 57'$ W. on a true line, bet. secs. 6 and 31.
Over level, sandy land, through scattering yuccas 4 to 8 ft. high.
- 40.03 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap, marked
 $\frac{1}{4}$ S 31 in N. and
S 6 1913 in S. half,
dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
- 74.00 Wagon road, bears N. 30° E., S. 30° W.
- 79.72 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of Tps. 9 and 10 S., Rs. 22 and 23 E., with a brass cap marked
T 9 S in N.,
R 23 E in E.,
T 10 S 1913 in S. and
R 22 E in W. half,
S 36 in N W.,
S 31 in N E.,
S 6 in S E., and
S 1 in S W. quadrant,
dig pits 24 x 24 x 12 ins. on each line N., E., and W. 4 ft. and S. of post 8 ft. dist., and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high S. of cor.
Land, level.
Soil, loose, red, sandy loam, 12 to 18 ins. deep on clay sub-soil.
Good grama-grass, scattering yuccas 4 to 8 ft. high.
No timber.

April 17th, 1913.

Resurvey of West Boundary of T. 10 S., R. 23 E.

April 18, 1913.

At 10h. Om., a. m., 1. m. t., I set off $10^{\circ} 48'$ N. on the decl. arc, $32^{\circ} 30\frac{1}{2}'$ on the lat. arc and determine a meridian with the solar at the Standard cor. of Tp. 10 S., Rs. 22 and 23 E., previously reestablished and described by me in book "B."

Thence I run,
N. $0^{\circ} 01'$ W. on a true line, bet. secs. 31 & 36.
Over level land.

- 26.50 Wagon road, bears N. 30° W., S. 30° E.
- 30.00 Wagon road, bears N. 15° W., S. 15° E.
- 40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 36 in W.,
S 31 in E., and
1913 in S. half,
dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 57.00 Wire fence, bears N. 30° W., S. 30° E.
- 61.00 Wire fence, bears N. 60° E., S. 60° W.
- 67.00 Dry wash 15 lks. wide, course S. 60° E.
- 80.07 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 25, 30, 31 and 36, with a brass cap marked
T 10 S in N. and
1913 in S. half,
R 22 E S 25 in N W.,
R 23 E S 30 in N E.,
S 31 in S E. and
S 36 in S W. quadrant,
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.

Chains

Land, level.
Soil, heavy, black loam, 2 to 3 ft. deep.
Good bunch grass.
No timber.

Thence I run,
N. $0^{\circ} 01'$ W. on a true line, bet. secs. 25 and 30.
Over level land.

40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 25 in W.,
S 30 in E. and
1913 in S. half,
dig pits 18 x 18 x 12 ins. N. & S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

40.50 Wire fence, bears E. & W.

80.07 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 19, 24, 25 & 30, with brass cap marked
T 10 S in N. and
1913 in S. half,
R 22 E S 24 in N W.,
R 23 E S 19 in NE.,
S 30 in S E and
S 25 in S W. quadrant,
dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level and rolling.
Soil, S. half, heavy, black loam, 2 to 3 ft. deep, N. half loose, red, sandy loam, 24 ins. deep on clay sub-soil.
Short salt grass.
No timber.

Thence I run,
N. $0^{\circ} 01'$ W. on a true line, bet. secs. 19 and 24.
Over slightly rolling, prairie land.

.06 Wire fence bears E and W.
40.035 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 24 in W.,
S 19 in E. and
1913 in S. half,
dig pits 18 x 18 x 12 ins., N. & S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

80.07 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 13, 18, 19 and 24, with a brass cap marked T 10 S in N.,
1913 in S. half,
R 22 E S 13 in N. W.
R 23 E S 18 in N E.,
S 19 in S E., and
S 24 in S W. quadrant,
dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level and rolling.
Soil, loose, red, sandy loam, 12 to 18 ins. deep on clay sub-soil.
Good grama-grass, scattering yuccas 3 to 7 ft. high.
No timber.

At the above described cor. I set off $10^{\circ} 49\frac{1}{2}'$ N. on the decl arc, and at 12h. Om. 34s., p. m., 1. m. t., observe the sun on the meridian and obtain a reading of $32^{\circ} 33'$

12. Resurvey of the West Boundary of T. 10 S., R. 23 E.

Chains.

on the lat. arc.

Thence I run,N. $0^{\circ} 01'$ W. on a true line, bet. secs. 13 & 18.

Over slightly rolling, prairie land, through scattering yuccas 3 to 7 ft. high.

34.00 Wagon road, bears N. 30° E., S. 30° W.40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked
 $\frac{1}{4}$ S 13 in W.,
S 18 in E. and
1913 in S. half,dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.51.50 Wagon road, bears N. 80° E., S. 80° W.80.07 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 7, 12, 13 and 18, with a brass cap marked
T 10 S in N. and
1913 in S. half,
R 22 E S 12 in N W.,
R 23 E S 7 in N E.,
S 18 in S E. and
S 13 in S W. quadrant,dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land, level and rolling.

Soil, loose, red, sandy loam, medium texture 12 to 18 ins. deep on clay sub-soil.

Good grama-grass, scattering yuccas 4 to 8 ft. high.

No timber.

Thence I run,

N. $0^{\circ} 01'$ W. on a true line, bet. secs. 7 and 12.

Over level, prairie land.

31.50 Wagon road, bears E & W.

40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked
 $\frac{1}{4}$ S 12 in W.,
S 7 in E. and
1913 in S. half,dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

66.00 Dry shallow wash, 15 lks. wide, course S W.

69.00 Dry, shallow wash, 10 lks. wide, course S. 30° W.80.07 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 1, 6, 7 and 12, with a brass cap, marked
T 10 S in N. and
1913 in S. half,
R 22 E S 1 in N.W.,
R 23 E S 6 in N E.,
S 7 in S E. and
S 12 in S W. quadrant,dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. & raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level and rolling.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.

Good grama-grass, scattering yuccas 4 to 8 ft. high.

No timber.

Resurvey of West Boundary of T. 10 S., R. 23 E. 13.

Chains

Thence I run,
N. 0° 01' W. on a true line, bet. secs. 1 and 6.
Over level, prairie land, through scattering yuccas 4 to 8 ft. high.

40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 1 in W.
S 6 in E. and
1913 in S. half,
dig pits 18 x 18 x 12 ins. N. & S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

67.00 Wagon road bears E. & W.

80.07 Intersect cor. of Tps. 9 and 10 S., Rs. 22 & 23 E., previously reestablished by me as hereinbefore described.
Land, level.
Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.
Good grama-grass, scattering yuccas 4 to 8 ft. high.
No timber.

April 18, 1913.

Boundaries of T. 10 S., R. 23 E.
Latitudes, departures and closing errors.

Line designated	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South Bdy. (2nd Std. Parallel S)	S. 89° 55' W.	480.90		.70		480.90
West bdy.	N. 0° 01' W.	480.42	480.42			.14
North "	N. 89° 57' E.	360.00	.42		360.00	
	East	120.00			120.00	
East "	S. 0° 01' E.	480.00		480.00	.14	
Convergency					.46	
Totals.			480.84	480.70	480.60	481.04
			480.70			
Error in latitude			0.14			480.60
Error in departure						0.44

14. Resurvey of Portion of North Boundary of T. 10 S., R. 22 E.

Chains

Resurvey commenced April 19th, 1913, and executed by Thomas B. Matthews, U. S. Surveyor, with a Young & Sons Light Mountain Transit No. 8480, hereinbefore described. I examine the adjustments of the transit and find them to be correct, and know from recent tests of the solar apparatus, by comparing its indications resulting from solar observations, made during a. m. and p. m. hours, with a meridian established by observation on Polaris at elongation, that the instrument is in satisfactory adjustment.

At 8h. 30m., a. m., l. m. t., I set off $11^{\circ} 08' N.$ on the decl. arc, $32^{\circ} 35\frac{1}{2}'$ on the lat. arc and determine a meridian with the solar at the cor. of Tps. 9 and 10 S., Rs. 22 and 23 E., previously reestablished by me as hereinbefore described.

Thence I run,

S. $89^{\circ} 58' W.$ on a true line bet. secs. 1 and 36.

Over level, prairie land, through scattering yuccas 4 to 8 ft. high.

- .60 Wire fence, bears N. & S., S E. cor. of fence bears S. 10 lks. dist., thence through pasture parallel to and 10 lks. N. of wire fence.
- 40.025 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S. 36 in N., S 1 1913 in S. half, dig pits 18 x 18 x 12 ins. E and W. of post, 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 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 1, 2, 35 and 36, with a brass cap marked
 T 9 S in N.,
 T 10 S 1913 in S. and
 R 22 E in W. half,
 S 35 in N W.,
 S 36 in N E.,
 S 1 in S E., and
 S 2 in S W. quadrant,
 dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land, level.
 Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.
 Good grama-grass, scattering yuccas 4 to 8 ft. high on E. end of line.
 No timber.

 Thence I run,

S. $89^{\circ} 58' W.$ on a true line, bet. secs. 2 and 35.

Over level, prairie land.

- .50 Wire fence bears N. and S., S W. cor. of fence bears S. 30 lks. dist., thence over open prairie land.
- 40.025 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 35 in N., and S. 2 1913 in S. half, dig pits 18 x 18 x 12 ins., E. & W. of post, 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 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 2, 3, 34 and 35, with a brass cap marked T 9 S in N.,
 T 10 S 1913 in S., and
 R 22 E in W. half,
 S 34 in N W.,
 S 35 in N E.,
 S 2 in S E. and
 S 3 in S W. quadrant,
 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.

Resurvey of Portion of North Boundary of T. 10 S., R. 22 E. 15

Chains

Land, level and rolling.
Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.
Good grama-grass.
No timber.

Thence I run,
S. 89° 58' W. on a true line, bet. secs. 3 and 34.
Over level, prairie land.

.50 Dry, shallow wash, 30 lks. wide, course S W.
40.025 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 34 in N. and
S 3 1913 in S. half,
dig pits 18 x 18 x 12 ins., E. and W. of post, 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 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 3, 4, 33 and 34, with a brass cap marked
T 9 S in N.,
T 10 S 1913 in S. and
R 22 E in W. half,
S 33 in N. W.,
S 34 in N E.,
S 3 in S E. and
S 4 in S W. quadrant,
dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.
Good grama-grass.
No timber.

Thence I run
S. 89° 58' W. on a true line, bet. secs. 4 and 33.
Over level, prairie land.

20.00 Leave level land, thence over rolling land in head of draw.
29.00 Dry wash 10 lks. wide, 1 ft. deep, course S. 30° W.
40.03 Intersect $\frac{1}{4}$ sec. cor. previously reestablished by me and hereinbefore described.

Land, level and rolling.
Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil. Slightly rocky on W. half.
Good grama-grass.
No timber.

April 1911, 1913.

16. Resurvey of Portion of West Boundary of T. 9 S., R. 23 E.

Chains

April 19, 1913.

At the cor. of Tps. 9 and 10 S., Rs. 22 and 23 E., previously reestablished by me and hereinbefore described, I set off $11^{\circ} 10\frac{1}{2}'$ N. on decl. arc and at 12 h. Om. 47s., p. m., 1. m. t., observe the sun on the meridian and obtain a reading of $32^{\circ} 35\frac{1}{2}'$ on lat. arc.

Thence I run,

N. $0^{\circ} 09'$ W. on a true line, bet. secs. 31 and 36.

Over level, prairie land, through scattering yuccas 4 to 8 ft. high, parallel to and 60 lks. E. of wire fence.

31.00 Wagon road, bears N. 60° E., S. 60° W.

35.00 Wire fence, bears E. & W.

40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 36 in W.,

S 31 in E. and

1913 in S. half,

dig pits 18 x 18 x 12 ins. N. and S., of post, 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 Wire fence, bears E and W., fence cors. W. 50 lks. dist., also dry wash 50 lks. wide, 1 ft. deep, course S. 30° W.

80.07 Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for reestablished cor. of secs. 25, 30, 31 and 36, with a brass cap, marked

T 9 S in N., and

1913 in S. half,

R 22 E S 25 in N W.

R 23 E S 30 in N E.,

S 31 in S E. and

S 36 in S W. quadrant,

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

Land, level.

Soil, loose, red, sandy loam, medium texture, 12 to 18 ins. deep on clay sub-soil.

Good grama-grass, scattering yuccas 4 to 8 ft. high.

No timber.

Thence I run,

N. $0^{\circ} 09'$ W. on a true line, bet. secs. 25 and 30.

Over slightly rolling, prairie land.

10.00 Wagon road, bears N. 30° W., S. 30° E.40.035 Set an iron post 3 ft. long, 1 in. in dia., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 25 in W.,

S 30 in E. and

1913 in S. half,

dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft.

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

80.07 Intersect old cor. of secs. 19, 24, 25 and 30, hereinbefore described. This old cor. being in a state of delapidation, I destroy all trace of same, and reestablish it in the same place as follows:

Set an iron post 3 ft. long, 3 ins. in dia., 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, with a brass cap marked

T 9 S in N. and

1913 in S. half,

R 22 E S 24 in N W.,

R 23 E S 19 in N E.,

S 30 in S E. and

S 25 in S W. quadrant,

dig pits 18 x 18 x 12 ins., in each sec. $5\frac{1}{2}$ ft. dist.

and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, level and rolling.

Resurvey of Portion of West Boundary of T. 9 S., R. 23 E. 17.

Soil, loose, red, sandy loam, medium to coarse texture,
12 to 18 ins. deep, on clay sub-soil.
Good grama-grass.
No timber.

April 19, 1913.

Thomas B. Matthews

U. S. Surveyor.

116
198
BOOK 2715

FOR FINAL OATH OF UNITED STATES SURVEYOR.

See book "A"

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, March 20, 1915.

The foregoing field notes of the ^{re} survey of _____
North, East and West Bdrs. of T. 10 S., R. 23 E.
Portion of North Bdy. of Tp. 10 S., R. 22 E.
and
Portion of West Bdy. of T. 9 S., R. 23 E.

executed by Thomas B. Matthews, U. S. Surveyor
under his special instructions dated September 24, 1912 for group 22, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys they describe, are hereby approved.

Frank S. Ingalls
~~XXXX~~ Surveyor General.
of Arizona.

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

~~Frank S. Ingalls~~
~~XXXX~~ Surveyor General.
of Arizona.