

2714

4-679

BOOK 2714

Book "B"

orig. 79
①
SEP. 2-1914

Resurvey Standard Lines
FIELD NOTES

OF THE ~~RESURVEY~~ OF THE

Second Standard Parallel South,

through Range 23 East and Parts of Ranges 22 and 24 East,

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

Re Survey commenced April 11, 1913

Re Survey completed April 12, 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

BOOK 2714

T.10S-R.22E.

Second

34
8

35
7

36
7

31
6

32
5

33
5

34
4

35
4

36
4

31
3

32
3

33
2

34
2

T.10S-R.23E.

Standard

Parallel

T.10S-R.24E.

South

Resurveyed

Retracement and Resurvey of Second Standard Parallel South,
through R. 23 and parts of Rs. 22 and 24, E.

18

Chains.

Retracement and resurvey commenced April 11th, 1913, and executed by Thomas B. Matthews, U. S. Surveyor, with Young and 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 latitude and declination 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 observation on Polaris, at elongation, that the instrument is in satisfactory adjustment.

At 8h. 30m. a.m., l.m.t., I set off $8^{\circ} 16\frac{1}{2}'$ N. on the decl. arc; $30^{\circ} 32\frac{1}{2}'$ on the lat. arc, and determine a meridian with the solar at the original standard $\frac{1}{4}$ sec. cor. on south bdy. of sec. 34, T. 10 S., R. 24 E., which is a granite stone 6x8x14 ins. loosely set and marked, as described by the Surveyor General.

The magnetic bearing of the true meridian thus determined at 8h. 30m. a.m., l.m.t., is $N. 12^{\circ} 53' W.$ The angle thus determined gives the magnetic decl. $12^{\circ} 53' E.$

Thence I run,

West, on a random line, making diligent search for old std. sec. cors. and $\frac{1}{4}$ sec. cors. at intervals of 40 chs., but fail to find any evidence of original cors. until at 961.80 chs., I fall 144 lks. N. of original standard $\frac{1}{4}$ sec cor. on south bdy of sec. 34, T. 10 S., R. 22 E., which is a malpais stone 6x8x12 ins., loosely set and marked as described by the Surveyor General.

Therefore, the true return bearing is $N. 89^{\circ} 55' E.$

April 11, 1913.

2. Resurvey of 2nd. Standard Parallel South, thro. part of R. 24 E. Chains.

April 12th, 1913: At 8h. 0m. a.m., l.m.t., I set off $8^{\circ}38'$ N. on the decl. arc; $32^{\circ}30\frac{1}{2}'$ N. on lat. arc, and determine a meridian with the solar at the standard $\frac{1}{4}$ sec. cor. on south bdy. of sec. 34, T. 10 S., R. 24 E. hereinbefore described.

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

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

S C $\frac{1}{4}$ S 34 in N., and
1913 in S. half;

dig pits 18x18x12 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.

Thence, I run,

S. $89^{\circ}55'$ W., on a true line, Second Standard Parallel South, S. bdy. of sec. 34, west half mile.

Over slightly rolling prairie land, through scattering mesquite brush, 3 to 5 ft. high.

7.50 Dry wash, 10 lks. wide, 1 ft. deep, course S. 30° W.

40.075 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished standard cor. of secs. 33 and 34, with a brass cap, marked,

S C T 10 S R 24 E in N., and
1913 in S. half;

S 33 in NW., and

S 34 in NE. quadrant;

dig pits 18x24x12 ins. crosswise on each line, E. and W. 3 ft., and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, north of cor.

Land, level and rolling.

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

Good gramma-grass, scattering mesquite brush and yuccas, 3 to 6 ft. high.

No timber.

Thence I run,

S. $89^{\circ}55'$ W., on true line along south bdy. of sec. 33.

Over slightly rolling, prairie land, through scattering mesquite brush and yuccas, 3 to 6 ft. high.

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

S C $\frac{1}{4}$ S 33 in N., and
1913 in S. half;

dig pits 18x18x12 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.

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 32 and 33, with a brass cap, marked,

S C T 10 S R 24 E in N., and
1913 in S. half;

S 32 in NW., and

S 33 in NE. quadrant;

dig pits 24x18x12 ins., crosswise on each line, E. and W. 3 ft., and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level and rolling.

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

Good gramma-grass, scattering mesquite brush and yuccas 3 to 6 ft. high.

No timber.

Resurvey of Second Stand. Par. S., thre. part of Range 24 East. 3.

Chains.

Thence I run,
S. 89° 55' W., on true line, S. bdy. of sec. 32.
Over level sandy land, through scattering mesquite brush
and yuccas, 3 to 6 ft. high.

33.00 Wagon road from Willcox to Bonita, brs. N. and S.
40.075 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for reestablished standard $\frac{1}{4}$ sec. cor., with
a brass cap, marked

S C $\frac{1}{4}$ S 32 in N., and
1913 in S. half;

dig pits 18x18x12 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,
north of cor.

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground for reestablished standard cor. of secs. 31
and 32, with a brass cap, marked

S C T 10 S R 24 E in N., and
1913 in S. half;
S 31 in NW., and
S 32 in NE. quadrant;

dig pits 24x18x12 ins. crosswise on each line E.
and W. 3 ft., and north of post 7 ft. dist., and raise
a mound of earth 4 ft. base, 2 ft. high, north of cor.

Land, level and rolling.
Soil, loose red sandy loam, medium texture, 12 to 18 ins.
deep on clay subsoil.
Good gramma-grass, scattering yuccas, 3 to 6 ft. high, and
scattering mesquite brush, 3 to 4 ft. high.
No timber.

Thence I run,
S. 89° 55' W., on true line, south bdy. of sec. 31.
Over slightly rolling prairie land, through scattering
yuccas, 3 to 6 ft. high; leave mesquite brush, brs. N.
and S.

1.00 Wagon road, brs. N. and S.
25.00 Dry shallow wash, 20 lks. wide, course SW.
40.075 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for reestablished standard $\frac{1}{4}$ sec. cor., with
a brass cap, marked,

S C $\frac{1}{4}$ S 31 in N., and
1913 in S. half;

dig pits 18x18x12 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.

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground for reestablished standard cor. of T. 10 S.,
Rs. 23 and 24 E., with a brass cap, marked

S C T 10 S in N., and
1913 in S. half;
R 23 E S 36 in NW., and
R 24 E S 31 in NE. quadrant;

dig pits 30x24x12 ins. crosswise on each line, E. and W.
4 ft., and N. of post 8 ft. dist., and raise a mound of
earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, north of cor.

Land, level and rolling.
Soil, loose, red sandy loam, medium texture, 12 to 18 ins.
deep on clay subsoil.
Good gramma-grass, scattering yuccas 4 to 8 ft. high.
No timber.

4. Resurvey 2nd. Stand. Parallel S. through Range 23 East.

Chains.

- Thence I run,
S. 89° 55' W., on true line, south bdy. of sec. 36.
Over level prairie land, through scattering yuccas, 3 to 6 ft. high.
- 34.00 Wagon road, brs. N. and S.
40.075 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor., with a brass cap, marked
S C $\frac{1}{4}$ S 36 in N., and
1913 in S. half;
dig pits 18x18x12 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, north of cor.
- 80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 35 and 36, with a brass cap, marked
S C T 10 S R 23 E in N., and
1913 in S. half;
S 35 in NW., and
S 36 in NE. quadrant;
dig pits 24x18x12 ins. crosswise on each line E. and W. 3 ft. and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, north of cor.
Land, level.
Soil, loose, red sandy loam, medium texture, 12 to 18 ins. deep on clay subsoil.
Good gramma-grass, scattering yuccas, 3 to 6 ft. high.
No timber.
-
- Thence I run,
S. 89° 55' W. on true line, south bdy. of sec. 35.
Over level prairie land.
Dry shallow wash, 10 lks. wide, course S. 60° W.
- 38.60
40.075 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor., with a brass cap, marked,
S C $\frac{1}{4}$ S 35 in N., and
1913 in S. half;
dig pits 18x18x12 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, north of cor.
- 80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished standard cor. of secs. 34 and 35, with a brass cap, marked
S C T 10 S R 23 E in N., and
1913 in S. half;
S 34 in NW., and
S 35 in NE. quadrant;
dig pits 24x18x12 ins. crosswise on each line E. and W. 3 ft., and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
Land, level.
Soil, loose, red sandy loam, medium texture, 12 to 18 ins. deep on clay subsoil.
Good gramma-grass.
No timber.
-
- Thence I run,
S. 89° 55' W., on true line, S. bdy. of sec. 34. Over level, prairie
Wagon road, brs. N. and S. (land.)
- 21.50
22.00
40.075 Telephoned line, brs. N. and S.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor., with a brass cap marked,
S C $\frac{1}{4}$ S 34 in N., and
1913 in S. half;

Chains.

80.15 dig pits 18x18x12 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.
 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished standard cor. of secs. 33 and 34, with a brass cap, marked,
 S C T 10 S R 23 E in N., and
 1913 in S. half;
 S 33 in NW., and
 S 34 in NE. quadrant;

dig pits 24x18x12 ins., crosswise on each line, and E. and W. 3 ft., and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, north of cor.

Land, level.

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

Good gramma grass.

No timber.

At the above described cor., I set off $8^{\circ} 41' N.$ on decl. arc; and at 12h.00m.56s. p.m., l.m.t., observe the sun on the meridian, and obtain a reading of $32^{\circ} 30\frac{1}{2}'$ on lat. arc.

Thence I run,

S. $89^{\circ} 55' W.$, on true line, south bdy. of sec. 33.

Over level prairie land.

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

S C $\frac{1}{4}$ S 33 in N., and
 1913 in S. half;

dig pits 18x18x12 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.

48.00 Wagon road brs. N. $30^{\circ} E.$ and S. $30^{\circ} W.$

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished stand. cor. of secs. 32 and 33, with a brass cap, marked,

S C T 10 S R 23 E in N., and
 1913 in S. half;

S 32 in NW., and
 S 33 in NE. quadrant;

dig pits 24x18x12 ins., crosswise on each line, E. and W. 3 ft., and N. of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, north of cor.

Land, level.

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

Good gramma grass.

No timber.

Thence I run,

S. $89^{\circ} 55' W.$, on true line, S. bdy. of sec. 32.

Over level prairie land.

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

S C $\frac{1}{4}$ S 32 in N., and
 1913 in S. half;

dig pits 18x18x12 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.

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished standard cor. of secs. 31 and 32, with a brass cap, marked,

6. Resurvey of 2nd. Stand. Parallel S. through Range 23 East.

Chains.

- S C T 10 S R 23 E in N., and
1913 in S. half;
S 31 in NW., and
S 32 in NE. quadrant;
dig pits 24x18x12 ins., crosswise on each line, E. and
W. 3 ft., and N. of post 7 ft. dist., and raise a mound
of earth 4 ft. base, 2 ft. high, north of cor.
Land, level.
Soil, loose, red sandy loam, medium texture, 12 to 18 ins.
deep on clay subsoil.
Good gramma grass.
No timber.
-
- Thence I run,
S. 89° 55' W., on true line, S. bdy. of sec. 31.
Over level prairie land, through scattering yuccas, 6 to
10 ft. high.
- 16.80 Wagon road, brs. N. 30° E. and S. 30° W.
26.50 Wire fence brs. NE. and SW.
28.30 Wire fence brs. N. and S.; thence through Sierra Bonita
Ranch pasture.
- 33.30 Dry wash, 5 lks. wide, 2 ft. deep, course S. 30° W.
40.075 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
ground, for reestablished standard $\frac{1}{4}$ sec. cor., with a
brass cap, marked
S C $\frac{1}{4}$ S 31 in N., and
1913 in S. half;
dig pits 18x18x12 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.
- 48.50 Wire fence brs. N. 10° W., and S. 10° E.; enter old culti-
vated field.
- 55.00 Wire fence brs. N. 60° E., and S. 60° W.
77.00 Wire fence, brs. N. 10° E., and S. 10° W.; leave cultivated
field.
- 77.25 Old irrigation ditch, course S. 10° W.
78.00 Wagon road brs. N. and S.
80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for reestablished standard cor. of T. 10 S.,
Rs. 22 and 23 E., with a brass cap, marked
S C T 10 S. in N., and
1913 in S. half;
R 22 E, S 36 in NW., and
R 23 E S 31 in NE. quadrant;
dig pits 30x24x12 ins., crosswise on each line, E. and W.
4 ft., and N. of post 8 ft. dist., and raise a mound
of earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, north of cor.
Land, level.
Soil, loose, red sandy loam, medium to fine texture, 18
to 26 ins. deep on clay subsoil.
East half; good gramma-grass, with scattering yuccas
8 to 12 ft. high.
West half, bunch grass, 2 to 3 ft. high.
No timber.
Note: Sierra Bonita Ranch house brs. S. 10 chs. dist. from
the above described cor.
-

Resurvey of 2nd. Stand. Parallel S. thro. part of R. 22 E. 7.

Chains.

Thence I run,
 S. 89° 55' W., on a true line, S. bdy. of sec. 36.
 Over level land, through bunch grass 1 to 3 ft. high.

23.50 Intersect cor. of wire fence, brs. S. 60° E. and S. 89° 55' W.;
 thence along fence line.

39.725 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for W C to standard $\frac{1}{4}$ sec. cor., with a
 brass cap, marked
 W C $\frac{1}{4}$ in W. half;
 S 35 in N., and
 1913 in S. half;
 dig pits 18x18x12 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,
 north of cor.

40.075 Pt. for St. $\frac{1}{4}$ sec. cor. falls in bed of dry wash 30 lks. wide
 3 ft. deep, course S. 30° E., impracticable to set iron
 post.

72.00 Dry wash, 15 lks. wide, 1 ft. deep, course S. 30° E.

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground for reestablished standard cor. of secs. 35
 and 36, with a brass cap, marked
 S C T 10 S R 22 E in N., and
 1913 in S. half;
 S 35 in NW., and
 S 36 in NE. quadrant;
 dig pits 24x18x12 ins., crosswise on each line, E. and
 W. 3 ft. and N. of post 7 ft. dist., and raise a mound
 of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level.
 Soil, light, sandy loam, fine texture, 2 ft. deep, on clay
 subsoil.
 Bunch grass 2 to 3 ft. high.
 No timber.

Thence I run,
 S. 89° 55' W., on a true line, south bdy. of sec. 35.
 Over level prairie land.

.25 SW. cor. of wire fence.

.50 Wagon road brs. NW. and SE.; thence parallel to and 20 lks.
 north of wagon road.

40.075 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for reestablished standard $\frac{1}{4}$ sec. cor., with
 a brass cap, marked
 S C $\frac{1}{4}$ S 35 in N., and
 1913 in S. half;
 dig pits 18x18x12 ins., E. and W. of post 3 ft. dist.,
 and raise a mound of stone covered with earth 4 ft.
 base, 2 ft. high, north of cor.

80.15 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground for reestablished standard cor. of secs.
 34 and 35, with a brass cap, marked
 S C T 10 S R 22 E in N., and
 1913 in S. half;
 S 34 in NW., and
 S 35 in NE. quadrant;
 dig pits 24x18x12 ins., crosswise on each line E. and
 W. 3 ft., and N. of post 7 ft. dist., and raise a mound
 of stone covered with earth, 5 ft. base, 3 ft. high,
 north of cor.

Land, level.
 Soil, loose, dark sandy loam, medium to coarse texture,
 some gravel, 12 to 18 ins. deep on clay subsoil.
 Short grass.
 No timber.

A. Resurvey of Second Stand, Part S. thro. part of Range 22 East.

Chains.

Thence I run,
 S. 89° 55' W., on true line, south bdy, of sec. 34.
 Over level prairie land.

14.00 Wagon road, brs. N. 30° W., and S. 30° E.

40.00 Mesquite brush, 3 to 6 ft. high, brs. N. and S.

40.075 Intersect old ~~Std.~~ sec. cor. S. bdy. of sec. 34, hereinbefore described. This old cor. being in a state of dilapidation, I destroy all trace of the old cor., and reestablish in the same place as follows:
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor. with a brass cap, marked
 S C $\frac{1}{4}$ S 34 in N., and
 1913 in S. half;
 dig pits 18x18x12 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, north of cor.

Land, level.
 Soil, loose, dark sandy loam, coarse texture, with some gravel, 12 to 18 ins. deep on clay subsoil.
 Short grass. Note: Not having two sets of chainmen, the foregoing line was chained twice by same set.
 No timber.

April 12th, 1913.

Thomas B. Matthews
 U. S. Surveyor.

091
9

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Thomas B. Matthews, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in ^{re} surveying all those parts or portions of Standard parallel south from the 1/4 sec. cor. on S. side of sec. 34 T10N R22E to the 1/4 sec. cor. on S. side of sec. 34 T10N R24E

of the delaware River Base and Meridian, in the State of Arizona which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said ^{re} survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
<u>William Lester</u>	<u>April 2 1913</u>	<u>April 29 1913</u>	<u>Chainman</u>
<u>R. S. Ruffin</u>	<u>April 2 1913</u>	<u>April 29 1913</u>	<u>Chainman</u>
<u>W. J. Amelore</u>	<u>April 2 1913</u>	<u>April 26 1913</u>	<u>Measure man</u>
<u>C. R. Fisher</u>	<u>April 2 1913</u>	<u>April 29 1913</u>	<u>Flagman</u>

Subscribed and certified to before me on the dates of the final service as shown above.

Thomas B. Matthews
U. S. Surveyor.

BOOK 2714

FINAL OATH OF UNITED STATES SURVEYOR.

I Thomas B. Matthews, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Arizona for Group 22 bearing date of the 24th day of Sept, 1914, 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 second Standard Parallel South lying bet the 1/4 m cor on S bdy of sec 34 T. 10 S. R. 22 E & the 1/4 m cor on S bdy of sec 34 T. 10 S. R. 24 E of the Gila & Salt River Basend Meridian, in the State of Arizona, 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 Arizona for Group 22 and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Thomas B. Matthews
U. S. Surveyor.

Subscribed by said Thomas B. Matthews and sworn to before me }
this 29th day of August, 1914

J. J. McCourt
United States Commissioner



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, March 20, 1915

The foregoing field notes of the survey of

the Second Standard Parallel South

through Range 23 East and parts of Ranges 22 and 24 East

of the Gila and Salt River Meridian, Arizona

executed by Thomas B. Matthews U.S. Surveyor

under his special instructions dated September 24, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the

surveys they describe, are hereby approved.

Frank A. Ingalls
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.