

FIELD NOTES

2351

OF THE SURVEY OF THE

East and North Boundaries of T 15 N. R. 1 E.

Of the Gila Salt River Base Meridian,

In the State of

Arizona

EXECUTED BY

Jed W. Rodolf

In the capacity of U. S. Surveyor, under instructions dated April 11, 1911, issued by the United States Surveyor General to govern surveys included in Group No. 11, which were approved by the Commissioner of the General Land Office, May 18, 1911, pursuant to authority contained in the Act of Congress dated March 4, 1911.

Survey commenced May 27, 1911

Survey completed May 30, 1911

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

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(1A)

BOOK 2351

INDEX DIAGRAM.

Township 15 North, Range 1 East.

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

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PRELIMINARY OATHS OF ASSISTANTS.

BOOK 2351

WE, H. N. Bradstreet and L. E. Flanagan
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of East & North Bdys of Tp. 15 N., R 1 E.

H. N. Bradstreet, Chainman.
L. E. Flanagan, Chainman.

Subscribed and sworn to before me this 24 th
day of May, 19 11

Fred W. Rodolf
U. S. Surveyor



WE, Oliver Nofzinger and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of East & North Bdys of Tp. 15 N., R. 1 E.

O. Nofzinger, Moundman.
Moundman.

Subscribed and sworn to before me this 24th
day of May, 19 11

Fred W. Rodolf
U. S. Surveyor



WE, Wallace R. Bond and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of East & North Bdys. of Tp. 15 N. R., 1 E.

Wallace R. Bond, Axman.
Axman.

Subscribed and sworn to before me this 24th
day of May, 19 11

Fred W. Rodolf
U. S. Surveyor



I, Theodore Secor, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of East and North Bdys. of Tp. 15 N., R. 1 E.

Theodore Secor, Flagman.

Subscribed and sworn to before me this 24th
day of May, 19 11

Fred W. Rodolf
U. S. Surveyor.



Survey of the East bdy. of Township 15 North, Range 1 East.

1.C

Chains.

Survey commenced on the 27th day of May, and executed with a Young and Sons' light mountain transit No. 6492 with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the latitude and declination arcs. The instrument was examined, tested on the true meridian at Phoenix, found correct and approved by the Surveyor General for Arizona.

On the 25th day of May, I made tests, as described in Book "A.", to see if the solar apparatus was in good adjustment, and found that it was. From my work since then, I know that it is still in good adjustment, and therefore, do not deem it necessary to make new tests with Polaris for the rest of this work.

The magnetic bearing of the true meridian at the cor. of Ts. 14 and 15 N., Rs. 1 and 2 E. is N. 13°45' W.; the angle gives the mag. decl. as 13°45' E.

From the corner of Tps. 14 and 15 N., Rs. 1 and 2 E. just reset by me, and described in Book A., I run, North, bet. secs. 31 and 36.

Descend steep rocky slope through dense underbrush.

- 2.40 Wash, 25 lks. wide, course W.
- 4.70 Wash, 15 lks. wide, course SW. Ascend steep rocky slope.
- 18.00 Top of ridge, brs. E. and W. Descend steep rocky slope.
- 26.75 Wash, 25 lks. wide, course W. Ascend steep rocky slope.
- 29.50 Top of ridge, brs. E. and W. Descend steep rocky slope.
- 34.00 Wash, 20 lks. wide, course W.
- 36.00 Wash, 20 lks. wide, course SW. Ascend.
- 39.00 Top of ridge, brs. E. and W.
- 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 36 on W. and S 31 on E. half, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 43.87 Wash, 30 lks. wide, course SW. Along low steep ridge.
- 65.50 Wash, 30 lks. wide, course SW.
- 76.00 Enter wash, course SSW.
- 80.00 Point for cor. of secs. 25, 30, 31 and 36 falls in wash. N. 89°56' W. 2.00 from true point for cor. I set a 3 in. iron post, 3 ft. long, 24 ins. in the ground for witness cor., marked
 - T 15 N on N.,
 - R 1 E on W., and
 - R 2 E on E. half, and
 - W C on N.,
 - S 30 on NE.,
 - S 31 on SE.,
 - S 36 on SW. and
 - S 25 on NW. quad., and raise a mound of stone 2 ft. base, 2 ft. high, W. of cor.
- 82.00 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for witness cor. to cor. of secs. 25, 30, 31 and 36, marked
 - W C T 15 N on N.,
 - R 2 E on E.,
 - R 1 E on W. half;
 - S 30 on NE.,
 - S 31 on SE.,
 - S 36 on SW., and
 - S 25 on NW. quad., and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.

Underbrush, scrub oak, very dense. No timber.

Soil, rocky, 3rd rate.

(2.) Survey of the East bdy. of Township 15 North, Range 1 East.
Chains.

Thence I run,
North, bet. secs. 25 and 30, from true point for cor.
Along wash, 35 lks. wide, course SW.
1.50 Leave wash; ascend through dense underbrush.
2.00 Witness cor. just set by me. Over rolling land.
34.00 Ascend steep rocky S. slope.
40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 25 on W., S 30 on E. half, and
build a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
43.50 Top of high rocky ridge, brs. E. and W. Descend steep rocky
slope.
49.00 Wash, 20 lks. wide, course W. Ascend steep slope.
55.00 Top of ridge, brs. E. and W. Descend steep slope.
67.00 Wash, 25 lks. wide, course W. Ascend steep slope.
78.00 Top of ridge, brs. E. and W. Descend N. slope.
80.00 Set a 3 in. iron post, 24 ins. in the ground, for cor. of
secs. 19, 24, 25 and 30, marked
T 15 N on N.,
R 1 E on W.,
R 2 E on E. half,
S 19 on NE.,
S 30 on SE.,
S 25 on SW., and
S 24 on NW. quad., and raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous,
Underbrush, dense scrub oak. No timber.
Soil, rocky, 3rd rate.

May 27, 1911.

May 29, 1911.
Thence I run,
North, bet. secs. 24 and 19.
Descend over loose rocks, through dense underbrush.
8.00 Draw, course W. Ascend.
9.50 Top of ridge, E. and W. Descend.
10.50 Drain, course W.
20.00 Wash, 15 lks. wide, course W. Ascend.
29.00 Top of ridge, brs. E. and W. Descend.
35.00 Drain, course W.
38.55 Road, brs. E. and W.
39.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for witness cor. to $\frac{1}{4}$ sec. cor., marked W C $\frac{1}{4}$ S 24 on W.,
and S 19 on E. half; and raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, W. of cor.
40.00 Point for $\frac{1}{4}$ sec. cor. falls in wash, 30 lks. wide, course SW.
44.00 Top of ridge, brs. E. and W. Descend.
75.17 Wash, 30 lks. wide, course SW.
80.00 Set a 3 in. iron post 3 ft. long, 24 ins. in the ground,
for cor. of secs. 13, 18, 19 and 24, marked
T 15 N on N.,
R 2 E on E.,
R 1 E on W. half;
S 18 on NE.,
S 19 on SE.,
S 24 on SW.,
S 13 on NW. quad., and raise a mound of stone 2
ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Underbrush, very dense scrub oak. No timber.
Soil, rocky, 3rd rate.
At this cor. I set off $34^{\circ}41'$ N. on the lat. arc; $21^{\circ}31\frac{1}{2}'$
N. on the decl. arc, and determine a meridian with the
solar at 7 a.m., l.m.t.

East boundary of Township 15 North, Range 1 East.

3.

Chains.

Thence I run,
North, bet. secs. 13 and 18.
Over mountainous land, through very dense underbrush.

1.00 Wash, 20 lks. wide, course SW.
2.00 Phone line, brs. NE. and SW.
12.00 Road, brs. SW. and NE. Leave dense underbrush.
20.00 Wash, 20 lks. wide, course SW. Ascend.
38.00 Top of ridge, brs. E. and W. Descend.
40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 13 on W. and S 18 on E. half,
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.

54.12 Wash, 20 lks. wide, course SW. Ascend.
59.00 Top of ridge, brs. E. and W. Descend.
65.00 Wash, 25 lks. wide, course SW. Ascend.
80.00 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 7, 12, 13 and 18, marked
T 15 N on N.,
R 1 E on W., and
R 2 E on E. half,
S 7 on NE.,
S 18 on SE.,
S 13 on SW., and
S 12 on NW. quad., and raise a mound of stone, 2
ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Underbrush, scrub oak. No timber.
Soil, rocky, 3rd rate.

Thence I run,
North, bet. secs. 7 and 12.
Descend steep rocky slope, along W. slope of Black Hills,
through scattering timber and underbrush.

7.00 Draw, course SW. Ascend.
17.00 Top of ridge, brs. E. and W. Descend.
39.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for W C to $\frac{1}{4}$ sec. cor., marked W C $\frac{1}{4}$ S 12 on W., and S 7
on E. half, from which,
A pinon, 8 ins. diam., brs. N. $33^{\circ} 32'$ E., 93 lks.
dist., marked $\frac{1}{4}$ S 7 B T W C.
A pinon, 8 ins. diam., brs. S. $23^{\circ} 14'$ W., 79 lks.
dist., marked $\frac{1}{4}$ S 12 B T. W C.

40.00 Point for $\frac{1}{4}$ sec. cor. falls in ravine, course W. Ascend.
48.00 Top of ridge, brs. NE. and SW. Descend.
53.00 Ravine, course SW. Ascend steep slope.
58.00 Along W. slope.
70.00 Draw, course W. Ascend,
74.00 Top of ridge, brs. E. and W. Descend.
79.00 Along W. slope.
80.00 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 1, 6, 7 and 12, marked,
T 15 N on N.,
R 1 E on W., and
R 2 E on E. half; and
S 6 on NE.,
S 7 on SE.,
S 12 on SW., and
S 1 on NW. quad., and raise a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, mountainous.
Underbrush, scrub oak. Timber, scrub cedar.
Soil, rocky, 3rd rate.
At this cor., I set off $21^{\circ} 32\frac{1}{2}'$ N. on the decl. arc, and
observe the sun on the meridian at noon; the resulting
lat. is $34^{\circ} 43'$ N.

4. East boundary of Township 15 North, Range 1 East.

Chains.

Thence I run,
North, bet. secs. 1 and 6.
Over mountainous land, covered with loose rocks through
dense underbrush and scattering timber.

0.00 Nelson's house brs. N.72° 00'W.
" barn brs. N.72°30'W.

8.00 Gulch, course W. Ascend.

15.00 Ascent becomes steep.

25.00 Top of ridge, brs. E. and W. Descend into canyon.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 1 on W., and S 6 on E. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.

U.S. Mineral Monument No. 2 Mineral Point Mining District,
brs. N.52°40'W., 9.60 chs.

41.40 Cor. No. 4 of the Golden Eagle Millsite brs. S.66°45'W., 2.23
chs. dist.

45.00 Canyon, 75 ft. wide, course SW. Ascend steep rocky slope.

48.56 Cor. No. 3 of the Golden Eagle Millsite brs. S.66°45'W.,
5.05 chs. dist.

61.00 Top of high ridge, brs. E. and W. Descend steep rocky
slope.

72.00 Bottom of deep canyon, course W. Ascend steep rocky pre-
cipitous slope.

76.00 Limestone ledge 25 ft. high, brs. E. and W.

77.70 Nelson's house brs. S.72°20'W.
" barn brs. S.71°30'W.

79.50 Top of high spur of Black Hills, extends E. Descend.

80.00 Set a limestone 18x12x7 ins., 12 ins. in the ground, for
cor. of Tps. 15 and 16 N., Rs. 1 and 2 E., marked
T 16 N. in NE.,
R 2 E on SE.,
T 15 N. on SW., and
R 1 E on NW. face, with 6 notches on each edge, from
which,
A pinon 9 ins. diam., brs. N.68°10'E., 41 lks. dist.,
marked T 16 N R 2 E S 31 B T.
A pinon, 9 ins. diam., brs. S.66°40'E., 33 lks. dist.,
marked T 15 N R 2 E S 6 B T.
A pinon, 5 ins. diam., brs. S.23°30'W., 10 lks. dist.,
marked T 15 N R 1 E S 1 B T.
A pinon 8 ins. diam., brs. N.43° 41'W., 56 lks. dist.,
marked T 16 N R 1 E S 36 B T.

The ascent to this cor. was so steep it was impossible
to carry a 3 in. iron post up to the cor.
Land, mountainous and rough.
Timber, pinon and cedar.
Underbrush, buck brush and scrub oak.
Soil, rocky and worthless, 3rd rate.

May 29, 1911.

GENERAL DESCRIPTION.

Tp. 15 N., R. 2 E. is extremely mountainous and broken, with
practically no farming land, but good indications of
mineral.

Tp. 15 N., R. 1 E. is mostly rolling and level, with some
mountains. Nearly all good farming land.

There are no settlers along this line.

There is no water along this line.

Chains.

May 30: At 7 a.m., l.m.t., I set off $34^{\circ}44'N.$ on the lat.arc; $21^{\circ}41'N.$ on the decl.arc, and determine a meridian with the solar at the cor.of Tps. 15 and 16 N., Rs.1 and 2 E., recently set by me.

Thence I run,

West, on random line, bet. Ts.15 and 16 N., R.1 E., setting temp. $\frac{1}{4}$ sec.cor. and sec.cors. at every 40 and 80 chs. point.

478.71 Intersect the N.and S. line 127 lks.S.of the cor.of Ts.15 and 16 N., Rs.1 E.and 1 W., which is a falling of 9'.

From here I run,

S. $89^{\circ}51'E.$ on true line, bet. secs.6 and 31.

Over rolling land.

38.71 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 31 on N., and S 6 on S.half; dig pits, $18 \times 18 \times 12$ 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.

78.71 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for cor.of secs. 31, 32, 5 and 6, marked,

T 16 N, R 1 E on N., and

T 15 N on S.half;

S 32 on NE.,

S 5 on SE.,

S 6 on SW., and

S 31 on NW. quad.; dig pits, $18 \times 18 \times 12$ ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W.of cor.

Land, rolling.

No timber, or underbrush.

Soil, medium dark loam of 1st class.

Thence I run,

S. $89^{\circ}51'E.$ on true line, bet. secs.5 and 32.

Over rolling land.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 32 on N., and S 5 on S.half; dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ 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 Set a 3 in.iron post, 3 ft. long, 24 ins. in the ground for cor.of secs. 32, 33, 4 and 5, marked,

T 16 N R 1 E on N., and

T 15 N on S.half,

S 33 on NE.,

S 4 on SE.,

S 5 on SW., and

S 32 on NW. quad.; dig pits, $18 \times 18 \times 12$ ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W.of cor.

Land, rolling.

No timber or underbrush.

Soil, medium dark loam, 1st class.

At this cor. I set off $21^{\circ}42'N.$ on the decl.arc, and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ}44'N.$

Thence I run,

S. $89^{\circ}51'E.$ on a true line, bet. secs.4 and 33.

Over rolling land.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 33 on N., and S 4 on S.half;

6. North boundary of Township 15 North, Range 1 East.
Chains.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,
and raise a mound of earth, 3½ ft. base, 1½ ft. high,
N. of cor.

80.00 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 3, 4, 33 and 34, marked,

T 16 N R 1 E on N.,

T 15 N on S. half;

S 34 on NE.,

S 3 on SE.,

S 4 on SW., and

S 33 on NW. quad.; dig pits, 18x18x12 ins., in each
sec. 5½ ft. dist., and raise a mound of earth, 4 ft.
base, 2 ft. high, W. of cor.

Land, rolling.

No timber or underbrush.

Soil, light sandy loam of 1st class.

Thence I run,

S. 89°51'E. on true line, bet. secs. 3 and 34.

Over rolling land.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for ¼ sec. cor., marked ¼ S 34 on N., and S 3 on S. half;
dig pits, 18x18x12 ins., E. and W. of cor. 3 ft. dist.,
and raise a mound of earth, 3½ ft. base, 1½ ft. high, N.
of cor.

80.00 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 2, 3, 34 and 35, marked

T 16 N R 1 E on N., and

T 15 N on S. half;

S 35 on NE.,

S 2 on SE.,

S 3 on SW., and

S 34 on NW. quad., and raise a mound of stone, 2 ft.
base, 1½ ft. high, W. of cor.

Land, rolling.

No timber, or underbrush.

Soil, light sandy loam of 1st class.

Thence I run,

S. 89°51'E. on true line, bet. secs. 2 and 35.

Over rolling land.

40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
for ¼ sec. cor., marked ¼ S 35 on N., and S 2 on S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, N.
of cor.

41.33 Wire fence, hrs. N. and S., through scattering underbrush.

80.00 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground,
for cor. of secs. 1, 2, 35 and 36, marked

T 16 N R 1 E on N.,

T 15 N on S. half;

S 36 on NE.,

S 1 on SE.,

S 2 on SW., and

S 35 on NW. quad., and raise a mound of stone, 2 ft.
base, 1½ ft. high, W. of cor.

Land, rolling.

Underbrush, scrub cedar and buck brush.

No timber.

Soil, light sandy loam of 1st class.

North boundary of Township 15 North, Range 1 East.

Chains.

- Thence I run,
 S.89°51'E. on true line, bet. secs. 1 and 36.
 Ascend gradually, through dense underbrush.
 22.00 Top of hill; descend.
 31.50 Wash, 20 lks.wide, course S. Ascend steep slope.
 40.00 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground,
 for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S 36 on N., and S 1 on S.half;
 and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high, N.of
 cor.
 42.00 Top of ridge, brs.N.and S. Descend steep rocky slope.
 52.00 Wash, 25 lks.wide, course SW. Ascend steep rocky slope.
 54.80 Foot of mountains. Ascend steep rocky slope.
 57.00 Wire fence, brs.N.and S.
 60.00 Through dense pinon timber.
 65.00 Ravine brs. SW.
 77.00 Limestone ledge, 40 ft.high, brs.N.and S.
 78.00 Top of spur of Black Hills. Descend steep rocky slope.
 80.00 The cor.of Tps.15 and 16 N.,R.1 and 2 E.
 Land, mountainous and rough.
 Timber, pinon.
 Underbrush, scrub cedar and scrub oak and buck brush,
 Soil, rocky, 4th rate.

May 30, 1911.

GENERAL DESCRIPTION.

Tp. 16 N., R.1 E. is rolling and level in the southern part, with some mountains; mostly good farming land if supplied with water.
 Tp.15 N.,R.1 E. is mostly level, with some mountains, mostly good farming land if supplied with water. This soil is of a kind that would retain moisture well, and would not take much water for irrigation. One and one half acre feet per year would raise a good crop on most all of this land, 4 years out of 5 years.

Boundaries of Township 15 North, Range 1 E.
 Latitudes, departures, and closing errors.

Line designated.	True bearing.	Distance.	Latitude.		Departure.	
			N.	S.	E.	W.
North Bdy.	S.89°51'E.	478.71		1.27	478.71	
East Bdy.	South,	480.00		480.00		
South Bdy.	N.89°52'W.	479.02	1.11			479.02
G. & S.R.Mer.	N.0°04'W.	480.48	480.48			.56
Convergency,					.51	
Totals,			481.59	481.27	479.22	479.58
			481.27			479.22
Error in latitude,			0.32			
Error in departure,						0.36

Frederic W. Roddy
 U. S. Surveyor.

LIST OF NAMES.

BOOK 2351

A list of the names of the individuals employed by Fred W. Rodolf
....., United States ~~Deputy~~ Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of East &
North Boundaries of Township 15 North, Range 1 East
showing the respective capacities in which they acted:

- H. N. Bradstreet....., Chainman.
- L. E. Flanagan....., Chainman.
- O.L. Nofzinger....., Moundman.
-, Moundman.
- Wallace R. Bond....., Axman.
-, Axman.
- Theodore Secor....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Fred W. Rodolf
....., United States ~~Deputy~~ Surveyor, in surveying all
those parts or portions of the East & North Boundaries of Township 15 North
Range 1 East.

..... of the Gila and
Salt River Base & meridian, the state of Arizona....., which are represented
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for Arizona.

- H. N. Bradstreet....., Chainman.
- L. E. Flanagan....., Chainman.
- O. L. Nofzinger....., Moundman.
-, Moundman.
- Wallace R. Bond....., Axman.
-, Axman.
- Theodore Secor....., Flagman.

Subscribed and sworn to before me this 7th
day of June, 1911 }

Fred W. Rodolf
.....
U.S. Surveyor



25 (9)

FINAL OATH OF UNITED STATES ~~DEPUTY~~ SURVEYOR.

BOOK 2351

I, Fred W. Rodolf, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of ~~instructions~~ Instructions received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 11th day of April, 1911, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of East and North Boundaries of Township 15 North, Range 1 East.

.....of the Gila and Salt River Base & meridian, in the State of Arizona, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Fred W. Rodolf
United States ~~Deputy~~ Surveyor.

Subscribed by said Fred W. Rodolf, and sworn to before me }
this 31 day of May, 1912

W. H. ...
UNITED STATES COMMISSIONER,



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz. June 12, 1912
East and North

The foregoing field notes of the survey of

Boundaries of 15 N. R. 1 E. of the G. & S. R. Meridian, Arizona

executed by Fred W. Rodolf under his ~~contract~~ No. 11, dated April 11, 1911, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

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.

.....
United States Surveyor General.