

JUN 7 1912

FIELD NOTES

2350

OF THE SURVEY OF THE

Resurvey of the Gila and Salt River Meridian
through Tp. 15 N

and
Resurvey of the South Boundary of Tp. 15 N. R. 1 E.

Of the Gila and Salt River Base and Meridian,

In the State of

Arizona

EXECUTED BY

Fred 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 24th of May, 1911.

Survey completed 27th of May, 1911.

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
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BOOK 2350

INDEX DIAGRAM.

Township 15 North, Range 1 East

4	6	5	4	3	2	1
3	7	8	9	10	11	12
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2	30	29	28	27	26	25
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PRELIMINARY OATHS OF ASSISTANTS.

WE, H.N. Bradstreet, Paul Dial and L.E. Flanagan & Wallace R. Bond 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 Resurvey of Gila and Salt River Meridian thru T.15 N., & the S. bdy. of T.15 N., R.1 E.

H.N. Bradstreet ^{Paul Dial} Chairman.
Wallace R. Bond Chairman.
L.E. Flanagan

Subscribed and sworn to before me this 24th 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 resurvey of Gila & Salt River Meridian thru T.15 N., & S. bdy. T.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 resurvey of Gila & Salt River Mer. thru T.15 N., & S. Bdy. of T.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 resurvey of G. & S.R. Mer. thru T.15 N. & S. bdy. T.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.

Resurvey of the Gila and Salt River Mer. through Tp.15 North.

Chains.

Survey commenced on the 24th day of May, 1911, and executed with a 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, and reading to single minutes of arc, which is also the least count of the verniers of the lat. and decl. arcs.

The instrument was examined, tested on the true meridian at Phoenix, found correct and approved by the Surveyor General for Arizona.

I examine the adjustments of the instrument, and find them correct. Then, to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

At camp, which is about one mile S. and three miles E. of the cor. of Tps. 14 and 15 N., Rs. 1 E. and 1 W.; lat. $34^{\circ} 37' 40''$ N., long. $112^{\circ} 15' 8''$ W., I set off $34^{\circ} 37' 30''$ N. on the lat. arc; $20^{\circ} 43'$ N. on the decl. arc, and determine a meridian with the solar at 4h.30m., l.m.t., and mark a point thereof by a cross on a stone firmly set in the ground 5 chs. N. of my station.

May 24, 1911.

May 25: At 3h.23m.a.m., l.m.t., I observe Polaris at eastern elongation in accordance with the Manual of Instructions, and mark a point in the line thus determined by a peg driven in the ground 5 chs. N. of my station.

At 7h.00m.a.m., l.m.t., I lay off the azimuth of Polaris to the west, $1^{\circ} 25'$ and mark a point in the meridian thus determined by a groove on the rock already set 5 chs. N. of my instrument, this mark coinciding with the meridian established by the solar.

At 7h.30m.a.m., l.m.t., I set off $34^{\circ} 37' 30''$ N. on the lat. arc; $20^{\circ} 50'$ N. on the decl. arc, and determine a meridian with the solar, marking a point thereof by a notch on the stone already set. This notch coincides with the meridian determined by observations on Polaris.

The solar apparatus, by p.m. and a.m. observations defines positions which coincide with the meridian established by observations on Polaris; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7h.30m., l.m.t., is $N. 13^{\circ} 48' W.$; the angle thus determined gives the mag. decl. as $13^{\circ} 48' E.$

After diligent search, I find the old cor. of Tp. 14 and 15 N., Rs. 1 E. and 1 W., which is a stone marked as described by the Surveyor General, but the action of the rain has destroyed all signs of pits and mound.

I reestablish as follows:

Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for the cor. of Tp, marked

T 15 N on N. half,

T 14 N on S. half,

R 1 E on E. half;

R 1 W on W. half,

S 31 in NE. quad.,

S 6 in SW. quad.,

S 1 in SW. quad, and

S 36 in NW. quadrant;

dig pits $24 \times 24 \times 12$ ins., on each line, N., E. and W. of post, 4 ft. dist., and S. of post,

2. Resurvey of the Gila and Salt River Mer. through T. 15 N.

Chains.

- 8 ft. dist., and raise a mound of earth, 5 ft. base, 2½ ft. high, S. of cor. No trees available.
The cor. of Ts. 15 and 16 N., Rs. 1 W. and 1 E., brs. N. 0° 04' W., 480.48 chs. dist. After diligent search, cannot find any of the intervening cors.
Thence I run,
N. 0° 04' W. on true line, bet. secs. 31 and 36.
Over level bottom land.
- 5.00 Wash, 30 lks. wide, course SW.
11.00 Same wash, course SE.
17.34 Same wash, 30 lks. wide, course SW.
19.00 Wash, 20 lks. wide, course SE. Ascend out of draw, and over rolling land.
Difference bet. two sets of chainmen is 8 lks.; position of middle point,
By 1st set, 40.08 chs.,
By 2nd set, 40.00 chs., the mean of which is
- 40.04 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 36 on W. half; and S 31 on E. half; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. No trees available.
- 51.00 Draw, brs. SE. Ascend out of draw.
64.00 Over rolling land.
Difference bet. measurements of 80.08 chs. by two sets of chainmen is 6 lks.; position of middle point,
By 1st set, 80.11 chs.,
By 2nd set, 80.05 chs., the mean of which is
- 80.08 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked
T 15 N on N. half,
R 1 E S 30 in NE. quadrant,
R 1 W S 25 in NW. quadrant,
S 31 in SE. quadrant, and
S 36 in SW. quadrant; 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. No trees available.
Land, level and rolling.
Soil, in draws, a heavy gumbo, and on upper lands a lighter gumbo, with loose rocks and gravel.
Timber and underbrush, none.
-
- Thence I run,
N. 0° 04' W., bet. secs. 25 and 30.
Over rolling land.
Difference bet. measurements of 40.04 chs. by two sets of chainmen is 8 lks., position of middle point,
By 1st set, 40.08 chs.,
By 2nd set, 40.00 chs., the mean of which is
- 40.04 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 25 on W. half, and S 30 on E. half; dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. No trees available.
Difference bet. measurements of 80.08 chs. by two sets of chainmen is 10 lks., position of middle point,
By 1st set, 80.13 chs.,
By 2nd set, 80.03 chs., the mean of which is
- 80.08 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked
T 15 N on N. half;
R 1 E S 19 on NE. quad.,
R 1 W S 24 on NW. quad.,
S 30 on SE. quad., and
S 25 on SW. quad.; dig pits, 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft.

Chains.

base, 2 ft. high, W. of cor. No trees available.
 Land, rolling.
 Timber and underbrush, none.
 Soil, light gumbo with loose rocks and gravel, hardpan
 2 ft. deep; a scattering growth of bunch and cracker
 grass.

May 25, 1911.

May 26: At 7h.00m.a.m., l.m.t., I set off $34^{\circ}40\frac{1}{2}'N$. on
 the lat. arc; $21^{\circ}01'N$. on the decl. arc, and determine
 a meridian with the solar at the cor. of secs. 19, 24, 25
 and 30.

Thence I run,
 $N.0^{\circ}04'W$. on a true line, bet. secs. 19 and 24.
 Over rolling land.

25.29

Road to Jerome Junction, bears E. and W.
 Difference bet. measurements of 40.04 chs. by two sets
 of chainmen is 08 lks., position of middle point

By 1st set, 40.08 chs.
 By 2nd set, 40.00 chs., the mean of which is

40.04

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 24 on W. half, and S 19 on
 E. half; dig pits 18x18x12 ins., N. and S. of post, 3
 ft. dist., and raise a mound of earth, 3 ft. base, $1\frac{1}{2}$
 ft. high, W. of cor. No trees available.

Difference bet. measurements of 80.08 chs. by two sets
 of chainmen is 6 lks., position of middle point,

By 1st set, 80.11 chs.,
 By 2nd set, 80.05 chs., the mean of which is

80.08

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. half;
 R 1 E S 18 on NE. quad.,
 R 1 W S 13 on NW. quad.,
 S 19 on SE. quad., and
 S 24 on SW. quad.; dig pits 18x18x12 ins., in each
 sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.
 base, 2 ft. high, W. of post. No trees available.

Land, rolling.
 Timber and underbrush, none.
 Soil, gumbo, with loose rocks and gravel, hardpan, 2 ft.
 deep.

Thence I run,
 $N.0^{\circ}04'W$. on true line, bet. secs. 13 and 18.
 Over rolling land.

19.00

Top of ridge, brs. NW. and SE.; descend.

35.00

Draw, course W.; ascend.
 Difference bet. measurements of 40.04 chs. by two sets
 of chainmen is 6 lks., position of middle point,

By 1st set, 40.07 chs.
 By 2nd set, 40.01 chs., the mean of which is

40.04

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. half; and S 18 on
 E. half; dig pits, 18x18x12 ins., N. and S. of post, 3
 ft. dist., and raise a mound of earth, 3 ft. base, $1\frac{1}{2}$
 ft. high, W. of post. No trees available,

60.00

Top of ridge, bears E. and W. Descend.

76.00

Draw, course W. Ascend.
 Difference bet. measurements of 80.08 chs. by two sets
 of chainmen is 8 lks., position of middle point,

By 1st set, 80.12 chs.,
 By 2nd set, 80.04 chs., the mean of which is

4. Resurvey of the G. and S. R. E. and M. through Township 15 N.

Chains.

80.08 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. half;
 R 1 E S 7 on NE. quad.,
 R 1 W S 12 on NW. quad.,
 S 13 on SW. quad., and
 S 18 on SE. 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. No trees available.
 Land, rolling.
 Timber, and underbrush, none.
 Soil, heavy gumbo, with loose rocks.

Thence I run,
 N. 0° 04' W. on true line, bet. secs. 7 and 12.
 Over rolling land.
 18.00 Top of ridge, bears E. and W. Descend.
 24.00 Draw, course W. Ascend.
 29.00 Top of ridge, bears E. and W. Descend.
 Difference bet. two sets of chainmen for 40.04 chs. is 10 lks.; position of middle point,
 By 1st set, 40.09 chs.,
 By 2nd set, 39.99 chs., the mean of which is
 40.04 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 12 on W. half, and S 7 on E. half; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 ft. base, 1½ ft. high, W. of cor. No trees available.
 43.00 Draw, course W. Ascend.
 55.00 Top of ridge, hrs. E. and W. Descend.
 Difference bet. measurements of 80.08 chs. by two sets of chainmen is 8 lks.; position of middle point,
 By 1st set, 80.12 chs.,
 By 2nd set, 80.04 chs., the mean of which is
 80.08 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. half,
 R 1 E S 6 on NE. quad.,
 R 1 W S 1 on NW. quad.,
 S 7 on SE. quad., and
 S 12 on SW. 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. No trees available.
 Land, rolling.
 Timber and underbrush, none.
 Soil, heavy gumbo, with loose rocks.
 At this cor., I set off 21° 02½' N. on the decl. arc, and determine the lat. when the sun is on the meridian; observation lat. is 34° 43' N.

Thence I run,
 N. 0° 04' W. on true line, bet. secs. 1 and 6.
 Over rolling land.
 5.00 Draw, course W. Ascend.
 10.00 Top of ridge, bears E. and W. Descend.
 38.00 Draw, course W. Ascend.
 Difference bet. measurements of 40.04 chs. by two sets of chainmen is 10 lks., position of middle point,
 By 1st set, 40.09 chs.,
 By 2nd set, 39.99 chs., the mean of which is
 40.04 Set a 1 in. iron post, 3 ft. long, 26 ins. in the ground, for ¼ sec. cor., marked ¼ S 12 on W. half, and S 6 on E.

Chains.

half; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. No trees available.

58.00 Top of ridge, brs. E. and W. Descend.

67.10 Drain, course W. Ascend.

Difference bet. measurements of 80.08 chs. by two sets of chainmen is 8 lks.; position of middle point, By 1st set, 80.12 chs., By 2nd set, 80.04 chs., the mean of which is

80.08 Old cor. of Tps. 15 and 16 N., R. 1 E. and R. 1 W., which is a marked stone, witnessed as described by the Surveyor General. I reset same as follows:

Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of Tps. 15 and 16 N., R. 1 E. and R. 1 W., marked,

T 16 N on N. half;
 T 15 N on S. half;
 R 1 E on E. half; and
 R 1 W on W. half,
 S 31 on NE. quadrant,
 S 6 in SE. quadrant,
 S 1 in SW. quadrant, and
 S 36 in NW. quadrant, and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. No trees available.

Land, rolling.
 Timber and underbrush, none.
 Soil, heavy gumbo with loose rocks.

GENERAL DESCRIPTION.

T. 15 N. R. 1 W. is rolling and level land, and would prove good farming land if it could be watered, but the rolling land in it would materially greater the cost of putting in laterals and preparing for irrigation. There seems to be no underground water near enough to the surface to be pumped for irrigation.

T. 15 N., R. 1 E. is mineral and farming, as will be more fully explained in the subdivisional notes.

6. Resurvey of the S.bdy. of Township 15 North, Range 1 East.

Chains

May 26: From the cor. of Tps. 14 and 15 N., Rs. 1 E. and 1 W., recently reset by me, the cor. of Ts. 14 and 15 N., Rs. 1 and 2 E., brs. S. 89°52' E., 479.12 chs. dist. Therefore, I run, S. 89°52' E. on true line, bet. secs. 6 and 31. Over level land.

39.01 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, 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. No trace of old cor.

41.50 Wash, 30 lks. wide, course S. Ascend.
51.00 Top of ridge, brs. N. and S. Descend.
62.00 Wash, 15 lks. wide, course SW. Ascend steep slope.
77.00 Over rolling land.
79.02 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked
T 15 N R 1 E on N., and
T 14 N on S. half,
S 32 on NE.,
S 5 on SE.,
S 6 on SW., and
S 31 on NW. quad.; dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. No trace of old cor.
Land, level and rolling.
No timber or underbrush.
Soil, medium heavy dark loam of 1st class.

Thence I run, S. 89°52' E., on true line, bet. secs. 5 and 32. Slowly ascending over rolling land.

8.42 Road, brs. N. and S.
30.00 Descend into draw.
40.01 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; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. No trace of old cor.

49.89 Road, brs. N. and S.
55.60 Wash, 25 lks. wide, course S.
61.80 Wash, 30 lks. wide, course SW. Ascend steep slope.
62.00 Telephone line, Prescott to Jerome, brs. NE. and SW.
69.60 Top of ridge, brs. NE. and SW. Descend.
77.20 Draw, course SW. Ascend.
80.02 Set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked
T 15 N R 1 E on N.,
T 14 N on S. half,
S 33 on NE.,
S 4 on SE.,
S 5 on SW., and
S 32 on NW. quad; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No trace of old cor.
Land, rolling.
No timber or underbrush.
Soil, medium dark loam of 1st class, covered with a good growth of cracker grass.

May 26, 1911.

May 27: At 7h.a.m., l.m.t., I set off 34°38 $\frac{1}{2}$ ' N. on the lat. arc; 21°11 $\frac{1}{2}$ ' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33.
Thence I run,

Resurvey of the S. hdy. of Township 15 North Range 1 East. 7.

Chains.
 S.89°52'E., on true line, bet. secs.4 and 33.
 Ascending steeply.
 11.15 Road, brs.N.and S. Over rolling land.
 20.00 Descend steeply.
 29.00 Draw, brs.SW. Ascend steeply.
 40.01 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;
 and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high,N.of
 cor. No trace of old cor.
 Over rolling land.
 80.02 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 15 N R 1 E on N.,
 T 14 N on S.,
 S 34 on NE.,
 S 3 on SE.,
 S 4 on SW., and
 S 33 on NW.quad., and raise a mound of stone, 2 ft.
 base, $1\frac{1}{2}$ ft. high, W.of cor. No trace of old cor.
 Land, rolling and broken.
 No timber or underbrush.
 Soil, heavy black loam of 1st class.

 Thence I run,
 S.89°52'E. on true line, bet. secs. 3 and 34.
 Over rolling land.
 28.95 Wash, 35 lks.wide, course S. Ascend.
 40.01 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 34 on N., and S 3 on S.half;
 and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft. high,N.of
 cor. No trace of old cor.
 42.00 Over rolling land.
 80.02 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 15 N R 1 E on N.,
 T 14 N on S.,
 S 35 on NE.,
 S 2 on SE.,
 S 3 on SW., and
 S 34 on NW.quad., and dig pits, 18x18x12 ins. in
 each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4
 ft.base, 2 ft.high,W.of cor. No trace of old cor.
 Land,rolling.
 No timber or underbrush.
 Soil, medium dark loam of 1st class, covered with a good
 growth of cracker grass.
 At this cor. I set off 21°13'N. on the decl.arc, and ob-
 serve the sun on the meridian at noon; the resulting
 lat.is 34°38 $\frac{1}{2}$ 'N.

 Thence I run,
 S.89°52'E. on true line, bet. secs.2 and 35.
 Over rolling land.
 6.00 Draw, course SW.
 12.92 Road, brs.NE.and SW.
 38.00 Descend E.slope.
 40.01 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 35 on N., and S 2 on S.half;
 and build a mound of stone 2 ft.base, $1\frac{1}{2}$ ft. high,N.of
 cor. No trace of old cor.
 44.81 Wash,30 lks.wide, course S.
 48.77 Wash,20 lks.wide, course SW. Ascend through dense under-
 brush.
 78.00 Leave dense underbrush.

8. Resurvey of the S.bdy. of Township 15 North, Range 1 East.

Chains

80.02 Set a 3 ins. iron post, 3 ft. long, 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked
 T 15 N R 1 E on N., and
 T 14 N on S.,
 S 36 on NE.,
 S 1 on SE.,
 S 2 on SW., and
 S 35 on NW. quad.; dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. No trace of old cor.
 Land, rolling and hilly.
 Underbrush, scrub oak. No timber.
 Soil, medium brown loam of 1st class.

Thence I run,
 S. 89° 52' E., on true line, bet. secs. 36 and 1.
 Over rolling land.
 40.01 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; 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. No trace of old cor.

Descend steep slope.
 50.42 Wash, 40 lks. wide, course SW. Ascend NW. slope over loose rocks, through dense underbrush.

78.00 Descend NE. slope, over loose rocks.

80:02 The old cor. of Tps. 14 and 15 N., Rs. 1 and 2 E., which is a stone, poorly marked, and laying on the top of the ground, I destroy this cor., and in the same place set a 3 in. iron post, 3 ft. long, 24 ins. in the ground, for cor. of Tps. 14 and 15 N., Rs. 1 and 2 E., marked
 T 15 N on N.,
 T 14 N on S.,
 R 1 E on W., and
 R 2 E on E. half;
 S 31 on NE.,
 S 6 on SE.,
 S 1 on SW., and
 S 36 on NW. quad., and build a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
 Land, rolling and mountainous.
 Underbrush, scrub oak. No timber.
 Soil, to 50 chs. medium dark loam, 1st class.; to 80.02 chs., rocky, 3rd rate.

GENERAL DESCRIPTION.

Tp. 15 N. is mostly rolling land, with some mountainous land, the rolling land being good farming land. The settlers are noted in the notes for the subdivision, and also the location of the water in this township. Township 14 North is mostly rolling, farming land, being slightly broken in the eastern part. There are no settlers in the northern part of this township. There is no water along this line. There are no settlers along this line.

Bret W. Podol
 U. S. Surveyor.

LIST OF NAMES.

BOOK 2350

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 the resurvey of the Gila and Salt River Meridian thru Township 15 North, and resurvey of South Bdy. of Tp. 15 N., R. 1 E. showing the respective capacities in which they acted:

Paul Dial, Chainman.

H. N. Bradstreet, Chainman.

Wallace R. Bond, Chainman.

L.E. Flanagan, Chainman.

Oliver 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 resurvey of the Gila & Salt River Meridian thru Tp. 15 N., and resurvey of the S. bdy. of Tp. 15 N., R. 1 E.

of the Gila and Salt River Base & meridian, 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.

Handwritten signatures of Paul Dial, H. N. Bradstreet, Wallace R. Bond, L. E. Flanagan, and O. Nofzinger with their respective titles: Chainman, Chainman, Chainman, Moundman, Moundman.

Wallace R. Bond, Axman.

Axman.

Theodore Secor, Flagman.

Subscribed and sworn to before me this 7th day of June, 19 11

Signature of Fred W. Rodolf, U. S. Surveyor



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

BOOK 2350

I, Fred W. Rodolf, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of ~~contract~~ ^{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 resurvey of the Gila and Salt River Meridian thru Tp. 15 North., and resurvey of the South Boundary of Tp. 15 North, Rg. 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. Cannon

UNITED STATES SURVEYOR GENERAL



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL, *Phoenix, Ariz.*

The foregoing field notes of the survey of the Gila and Salt River Meridian through Tp. 15 N. and Resurvey of the South Boundary of Tp. 15 N. R. 1 E. ^{re} June 12, 1912

executed by Fred W. Rodolf under his ~~contract~~ ^{Group} 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.