

FIELD NOTES

2361

Ordered Filed by G.L.O. letter "E"
dated Feb. 12, 1913.
OF THE SURVEY OF THE

Recreation of the East Boundary T11S. R10E.

and

Recreation of the Second Standard Parallel South
through Portions of Ranges 9th and 10th East.

Of the G. & S. R. Meridian,

In the State of Territory of Arizona

EXECUTED BY

Fred W. Rodolf

In the capacity of U. S. Surveyor, under instructions dated August 22, 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, September 5, 1911, pursuant to authority contained in the Act of
Congress dated March 4, 1911.

Survey commenced October 16, 1911

Survey completed October 17, 1911

INDEX DIAGRAM.

Township _____, Range _____

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7	8	9	10	11	12
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BOOK 2361

INDEX DIAGRAM.

Township 11 south, Range 10 East

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19	20	21	22	23	24	2
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PRELIMINARY OATHS OF ASSISTANTS.

1781A
BOOK 2361

WE, L. E. Flanagan, W.H. Rychener and H. N. Bradstreet & Paul Dial
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 retracement of E. bdy. of T.11 S., R.10 E. and 2nd stan. par. S thru R.10 and 9 East.

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

Subscribed and sworn to before me this 16th }
day of October, 19 11



Fred W. Rodolf
U. S. Surveyor

WE, Oliver Nefzinger 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 retracement of E. bdy. of T.11 S., R.10 E. & resurvey of 2nd stan. par. S. thru R.9 & 10 E.

O. L. Nefzinger, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 16th }
day of October, 19 11



Fred W. Rodolf
U. S. Surveyor

WE, W. H. Rychener 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 retracement of E. bdy. of T.11 S., R.10 E. & resurvey of 2nd stan. par. S. thru Range 9 & 10 E.

W. H. Rychener, Axman.
_____, Axman.

Subscribed and sworn to before me this 16th }
day of October, 19 11



Fred W. Rodolf
U. S. Surveyor

I, Harry B. Marshall, 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 retracement of E. bdy. of T.11 S., R.10 E., & resurvey of 2nd stan. par. S. thru Range 9 & 10 East.

H. B. Marshall, Flagman.

Subscribed and sworn to before me this 16th }
day of October, 19 11



Fred W. Rodolf
U. S. Surveyor

Retracement of E.bdy.of Township 11 South, Range 10 East. 1.

Chains.

Survey commenced on the 16th day of October, 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 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 11th of October, as described in Book K., I made tests to see if the transit and solar were in good adjustment, and found that they were. From my work since then, I know that the instrument is still in good adjustment, and therefore do not deem it necessary to make new tests on Polaris for the rest of this work.

October 16: At 7 a.m., l.m.t., I set off $32^{\circ}25\frac{1}{2}'N.$ on the lat.arc; $8^{\circ}33'S.$ on the decl.arc, and determine a meridian with the solar at the cor.of Tps.11 and 12 S., Rg.10 E., which is a post marked and witnessed as described.

From this cor., the old $\frac{1}{4}$ sec.cors. bear $N.0^{\circ}12'W.$

Thence I run,
 $N.0^{\circ}12'W.$ along E.bdy.of sec.36.

Over slightly rolling land.

11.00 Closing cor.of Tps.11 and 12 S., R.11 E., which is a stone firmly set in the ground, properly marked and witnessed.

13.14 Road, brs. E.and W.

15.00 Road, brs.E.and W.

34.48 Road, brs.E.and W.

Difference bet. measurement of 39.96 chs. by two sets of chainmen is 6 lks.; position of middle point,

By 1st set, 39.93 chs.,

By 2nd set, 39.99 chs., the mean of which is

39.96 Find old $\frac{1}{4}$ sec.cor., which is a post marked and witnessed as described by the Surveyor General, but loosely set. I reset this cor. firmly, and redig pits.

From this cor.the old cor. of secs.25 and 36 brs. $N.0^{\circ}12'W.$

Thence I run,

$N.0^{\circ}12'W.$, on true line along E.bdy.of sec.36.

75.00 Enter dense greasewood underbrush, brs.E.and W.

Difference bet. measurements of 79.92 chs. by two sets of chainmen is 4 lks.; position of middle point,

By 1st set, 79.90 chs.,

By 2nd set, 79.94 chs., the mean of which is

79.92 Find old cor.of secs. 25 and 36, which is a stone firmly set in the ground, marked and witnessed as described by the Surveyor General.

Land, rolling.

Underbrush, greasewood. No timber.

Soil, light sandy loam of 1st class, covered with a growth of six weeks grass.

The old $\frac{1}{4}$ sec.cor. on E.bdy.of sec. 25, brs. $N.0^{\circ}11'W.$

Therefore, I run,

$N.0^{\circ}11'W.$ on true line, along E.bdy.of sec.25.

Over level land, through dense underbrush.

11.06 Closing cor. of secs.30 and 31, T.11 S., R.11 E., a mesquite post marked and witnessed as described by the Surveyor General.

14.30 Road, brs.E.and W.

2. Retracement of East bdy. of Township 11 South, Range 10 E.

Chains.

Difference bet. measurements of 39.84 chs. by two sets of chainmen is 6 lks.; position of middle point,
 By 1st set, 39.87 chs.
 By 2nd set, 39.81 chs., the mean of which is
 39.84 Old $\frac{1}{4}$ sec.cor., which is a post firmly set in the ground marked and witnessed as described by the Surveyor General.
 From here the old cor.of secs. 24 and 25 brs.N.0°24'W. Therefore I run,
 N.0°24' W.on true line along E. bdy. of sec.25.
 74.00 Descend into river flat.
 75.00 Across river flat.
 Difference bet. measurements of 79.70 chs. by two sets of chainmen is 8 lks., position of middle point,
 By 1st set, 79.74 chs.,
 By 2nd set, 79.66 chs., the mean of which is
 79.70 Old cor.of secs.24 and 25, which is a stone firmly set in the ground, marked and witnessed as described by the Surveyor General.
 Land, level.
 Underbrush, dense greasewood. No timber.
 Soil, light sandy loam, with small stones, 1st class.

From here the $\frac{1}{4}$ sec.cor. bears N.0°23'W. Therefore, I run,
 N.0°23'W., on true line, on E.bdy.of sec.24.
 9.00 Witness corner to closing cor. of secs.19 and 30, T.11 S., R.11 E., a stone mkd. & witnessed as described by the Sur.Genl.
 10.10 Branch of Santa Cruz River, 125 lks.wide, course NW., dry.
 13.25 Branch of the Santa Cruz River, course NW., 135 lks.wide, dry.
 33.35 Ascend out of river up 20° steep bank.
 Difference bet. measurements of 39.92 chs., by two sets of chainmen is 6 lks.; position of middle point,
 By 1st set, 39.95 chs.
 By 2nd set, 39.89 chs., the mean of which is
 39.92 Old $\frac{1}{4}$ sec.cor., which is a post firmly set in the ground marked and witnessed as described by the Surveyor General.
 From here the cor.of secs. 13 and 24, brs.N.0°11'W. Therefore I run,
 N.0°11'W. on true line, along E.bdy.of sec.24.
 Difference bet. measurements of 79.86 chs. by two sets of chainmen is 8 lks.; position of middle point,
 By 1st set, 79.82 chs.,
 By 2nd set, 79.90 chs., the mean of which is
 79.86 Old cor. of secs. 13 and 24, which is a stone firmly set in the ground, marked and witnessed as described by the Surveyor General.
 Land, level.
 Underbrush, dense greasewood. No timber.
 Soil, light sandy loam, with no stones, 1st class.
 At this cor.I set off 8°40 $\frac{1}{2}$ 'S. on the decl.arc, and observe the sun on the meridian at noon; the resulting lat.is 32°28'N.

From here the $\frac{1}{4}$ sec.cor., brs.N.0°11'W. Therefore, I run,
 N.0°11'W., on true line, along E.bdy,of sec. 13.
 Over level land, through scattering timber and dense underbrush.
 10.90 Closing corner of secs. 18 and 19, T.11 S., R.11 E., a mesquite post, marked and witnessed as described by the Surveyor General.
 25.00 Road, bears E.and W.

Retracement of the East bdy. of Township 11 South, Range 10 E. 3.

- Chains.
- 39.96 Difference bet. measurements of 39.96 chs. bet. two sets of chainmen is 4 lks.; position of middle point,
By 1st set, 39.94 chs.
By 2nd set, 39.98 chs., the mean of which is
Old $\frac{1}{4}$ sec. cor., which is a post, firmly set in the ground, marked and witnessed as described by the Surveyor General.
From here the cor. of secs. 12 and 13 brs. N.0°11'W.
Therefore, I run,
N.0°11'W. on true line.
- 80.01 Difference bet. measurements of 80.01 chs. by two sets of chainmen is 6 lks.; position of middle point,
By 1st set, 80.04 chs.
By 2nd set, 79.98 chs., the mean of which is
Old cor. of secs. 12 and 13, which is a post, firmly set in the ground, marked and witnessed as described by the Surveyor General.
Land, level.
Underbrush, mesquite and greasewood, very dense.
Timber, mesquite.
Soil, light, sandy loam, 1st class.
-
- 11.00 From here the old $\frac{1}{4}$ sec. cor. brs. N.0°14'W.
Therefore, I run,
N.0°14'W. on a true line, along E. bdy. of sec. 12.
Over level land, through dense underbrush.
The closing corner of secs. 7 and 18, T. 11 S., R. 11 E., a mesquite post, marked and witnessed as described by the Surveyor General.
- 40.01 Difference bet. measurements of 40.03 chs. by two sets of chainmen is 4 lks.; position of middle point,
By 1st set, 39.99 chs.,
By 2nd set, 40.03 chs., the mean of which is
Old $\frac{1}{4}$ sec. cor., which is a post firmly set in the ground, marked and witnessed as described by the Surveyor General.
From here the cor. of secs. 1 and 12, brs. N.0°14'W.
Therefore, I run,
N.0°14'W., on true line, along E. bdy. of sec. 12.
- 80.07 Difference bet. measurements of 80.07 chs. by two sets of chainmen is 8 lks.; position of middle point,
By 1st set, 80.03 chs.,
By 2nd set, 80.11 chs., the mean of which is
Old cor. of secs. 1 and 12, which is a stone firmly set in the ground, marked and witnessed as described by the Surveyor General.
Land, level.
Underbrush, dense greasewood. No timber.
Soil, light sandy loam, 1st class.
-
- 10.89 From here the cor. of T. 11 S., R. 10 and 11 E., brs. N.0°11'W.
Therefore, I run,
N.0°11'W., on a true line, along E. bdy. of sec. 1.
Over level land, through dense underbrush.
The closing corner of secs. 6 and 7, T. 11 S., R. 11 E., a mesquite post, mkd. & witnessed as described by the Sur.
- 27.00 Road to Tucson, NW. and SE. General.
Difference bet. measurements of 38.26 chs. by two sets of chainmen is 4 lks.; position of middle point,
By 1st set, 38.24 chs.,
By 2nd set, 38.28 chs., the mean of which is

4. Retracement of the East bdy. of Township 11 South, Range 10 E. Chains.

38.26 Closing corner bet. Ts. 11 S., Rs. 11 and 10 E., which is a stone firmly set in the ground, marked and witnessed as described by the Surveyor General.

Land, level.

Underbrush, greasewood and mesquite.

Timber, scattering mesquite.

Timber, light sandy loam, 1st class.

October 16, 1911.

GENERAL DESCRIPTION.

This line passes over the land of the 1st class, but is so light, that it would take an exceptionally large amount of water to irrigate, possibly 5 or 6 acre feet per year.

There is no water along this line except at the cor. of Ts. 11 and 12 S., R. 10 E. that is noted of the S. bdy. of this Tp.

The only settler is Mr. Nelson located in sec. 36 of Tp. 11 S., R. 10 E., more definitely located in the field notes for the S. bdy. of Tp.

Both Rs. 10 and 11 E. are all fairly level, and of good soil, and could be made very good producing land by irrigation.

Retracement of Second Standard Parallel South, thro. R.10 East.

Chains.

October 17, 1911: At 7 a.m., l.m.t., I set off 8°55'S. on the decl. arc; 32°30'N. on the lat. arc, and determine a meridian with the solar at the Standard 1/4 sec. cor. on the S. bdy. of sec. 36, T. 10 S., R. 10 E., stone as described by the Surveyor General.

From here the standard cor. of secs. 35 and 36, brs. S. 89° 49' W.

Therefore, I run, S. 89° 49' W. on a true line, along S. bdy. of sec. 36. Over level land, through dense underbrush and timber.

2.60 Wash, 10 lks. wide, course SW.
3.73 Closing corner of Ts. 11 S., Rs. 10 and 11 E., as described.

Difference bet. measurements of two sets of chainmen for 40.04 chs. is 6 lks.; position of middle point
By 1st set, 40.01 chs.,
By 2nd set, 40.07 chs., the mean of which is

40.04 Old standard cor. of secs. 35 and 36, which is a post marked and witnessed as described by the Surveyor General.

Land, level.
Underbrush, dense greasewood and mesquite.
Timber, mesquite.
Soil, medium sandy loam of 1st class.

From here the standard 1/4 sec. cor. of sec. 35, brs. S. 89° 49' W.

Therefore, I run, S. 89° 49' W. on a true line, along S. bdy. of sec. 35. Over level land, through dense underbrush and timber.

2.00 Road to Tucson, brs. NW. and SE.
Difference bet. measurements of 40.05 chs. by two sets of chainmen is 6 lks.; position of middle point,
By 1st set, 40.02 chs.,
By 2nd set, 40.08 chs., the mean of which is

40.05 The old standard 1/4 sec. cor. of sec. 35, which is a post marked and witnessed as described by the Surveyor General.

From here the standard cor. of secs. 34 and 35, brs. S. 89° 49' W.

Therefore, I run, S. 89° 49' W. on true line, along S. bdy. sec. 35. Difference bet. measurements of 80.10 chs. by two sets of chainmen is 10 lks., position of middle point
By 1st set, 80.05 chs.,
By 2nd set, 80.15 chs., the mean of which is

80.10 The old standard cor. of secs. 34 and 35, which is a post marked and witnessed as described by the Surveyor General.

Land, level.
Underbrush, mesquite and greasewood.
Timber, mesquite.
Soil, light sandy loam of 1st class.

From here, the standard cor. of secs. 33 and 34, brs. S. 89° 49' W.

Therefore, I run, S. 89° 49' W., on true line, along S. bdy. of sec. 34. Over level land, through dense underbrush.

Difference bet. measurements of 39.90 chs. by two sets of chainmen is 4 lks.; position of middle point,
By 1st set, 39.89 chs.,
By 2nd set, 39.93 chs., the mean of which is

39.91 Set a mesquite post, 3 ft. long, 3 ins. sq., 2 ft. in the ground for standard 1/4 sec. cor. of sec. 34, marked S C

6. Retracement of Second Std. Parallel South, thro. R. 10 E.

Chains

- $\frac{1}{4}$ S 34 on N. face; 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 standard $\frac{1}{4}$ sec. cor.
- 57.79 Road, brs. N. and S.
Difference bet. measurements of 79.82 chs. by two sets of chainmen is 8 lks.; position of middle point,
By 1st set, 79.78 chs.
By 2nd set, 79.86 chs., the mean of which is
- 79.82 Old standard cor. of secs. 33 and 34, which is a post, marked and witnessed as described by the Surveyor General.
Land, level.
Underbrush, mesquite and greasewood
Timber, mesquite, scattering.
Soil, light sandy loam of 1st class.

From here the standard $\frac{1}{4}$ sec. cor. of sec. 33, bears S. 89° 50' W.

Therefore, I run,
S. 89° 50' W., on true line, along S. bdy. sec. 33.
Over level land, through dense underbrush.

Difference bet. measurements of 39.84 chs. by two sets of chainmen is 4 lks.; position of middle point

By 1st set, 39.82 chs.

By 2nd set, 39.86 chs., the mean of which is

- 39.84 Old standard $\frac{1}{4}$ sec. cor. of sec. 32, which is a post marked and witnessed, as described by the Surveyor General.
From here the standard cor. of secs. 32 and 33, brs. S. 89° 50' W.

Therefore, I run,
S. 89° 50' W., on true line, along S. bdy. of sec. 33.

Difference bet. measurements of 79.68 chs. by two sets of chainmen is 8 lks.; position of middle point,

By 1st set, 79.64 chs.,

By 2nd set, 79.72 chs., the mean of which is

- 79.68 Old standard cor. of secs. 32 and 33, which is a post marked and witnessed as described by the Surveyor General.

Land, level.

Underbrush, dense greasewood.

Timber, scattering mesquite.

Soil, light sandy loam of 1st class.

At this cor. I set off $9^{\circ}21\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian at noon; the resulting lat. is $32^{\circ}30'$ N.

From here the standard $\frac{1}{4}$ sec. cor. of sec. 32, brs. S. 89° 47' W.

Therefore, I run,
S. 89° 47' W., on a true line, along S. bdy. of sec. 32.
Over level land, through dense underbrush.

Difference bet. measurements of 40.89 chs. by two sets of chainmen is 6 lks.; position of middle point,

By 1st set, 40.86 chs.,

By 2nd set, 40.92 chs., the mean of which is

- 40.89 The old standard sec. cor. of sec. 32, which is a post marked and witnessed as described by the Surveyor General.

From here the standard cor. of T, 10 S., Rs. 9 and 10 E., brs. S. 89° 47' W., a distance of 121.92 chs.

Therefore, I run,

S. 89° 47' W. on a true line along S. bdy. sec. 32.

Retracement of 2nd Stand. Par. South thro. Township 10 East. 7.

Chains.

66.23 Over level land, through dense timber and underbrush.
 Enter river flat.
 Difference bet. measurements of 81.53 chs. by two sets of chainmen is 8 lks.; position of middle point,
 By 1st set, 81.49 chs.,
 By 2nd set, 81.57 chs., the mean of which is

81.53 Set a mesquite post, 4 ft. long, 4 ins. sq., 3 ft. in the ground, with marked stone for standard cor. of secs. 31 and 32, marked,
 S C T 10 S R 10 E on N.,
 S 32 on E., and
 S 31 on W. face, with 5 notches on E. and 1 notch on W. face; dig pits 24x18x12 ins., crosswise on each line E. and W. of post 3 ft., and N. of post 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. The willow bearing tree noted in the notes could not be found. No trace of old cor.
 Land, level.
 Underbrush, greasewood.
 Timber, mesquite.
 Soil, light, sandy loam, 1st class.

Thence I run,
 S.89°57'W., on true line along S. bdy. of sec. 31.
 Over level land, through dense underbrush.

1.00 Enter Santa Cruz River, course NW. (Dry).
 6.50 Leave river, course NW.
 10.00 Leave river flat.
 Difference bet. measurements of 40.64 chs. by two sets of chainmen is 8 lks.; position of middle point,
 By 1st set, 40.68 chs.,
 By 2nd set, 40.60 chs., the mean of which is

40.64 Deposited a marked stone, 12 ins. in the ground, for standard $\frac{1}{4}$ sec. cor.; dug pits, 18x18x12 ins., E. and W. of stone $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, over it.
 In E. pit, drove a stake 2 ft. long, 2 ins. sq., 12 ins. in the ground, marked S C $\frac{1}{4}$ S 31 on N. face.
 No trace of old cor.
 Difference bet. measurements of 81.28 chs. by two sets of chainmen is 10 lks.; position of middle point,
 By 1st set, 81.23 chs.,
 By 2nd set, 81.33 chs., the mean of which is

81.28 The old standard cor. of Tp. 10 S., Rs. 9 and 10 E., which is a post marked and witnessed as described by the Surveyor General.
 Land, level.
 Underbrush, greasewood and mesquite.
 Timber, mesquite and palo verde.
 Soil, heavy loam of 1st class.

GENERAL DESCRIPTION.

This line runs over land that is mostly level, and of a first class soil, and could all be irrigated with little trouble if possible to get water on it. There are no settlers along this line, and no water. Tp. 10 S. R. 10 E., is mostly level, and of 1st class soil. T. 11 S., R. 10 E. is mostly level with 1st class soil. The Santa Cruz river runs through this township, from SE. to NW., but is dry most of the year with poor

A. Retracemnt of 2nd standard Par.S., thro. R.10 E.
Chains.

chances to get irrigating water from it.

Bred W. Rodolf
U. S. Surveyor.

Retracement of 2nd Stand. Par. South through Range 9 East. 9.

Chains

From the cor. of Tp. 10 S., Rs. 9 and 10 E., the old standard $\frac{1}{4}$ sec. cor. brs. S. $89^{\circ} 58' W.$
 Therefore, I run, S. $89^{\circ} 58' W.$ on true line, along S. bdy. sec. 36.
 Over level land, through dense mesquite thicket.

12.45 Wash, 40 lks. wide, course NW.
 14.64 Road, brs. NE. and SW.
 16.87 Wash, 30 lks. wide, course SW.
 20.10 Wash, 10 lks. wide, course S.
 21.41 Wash, 12 lks. wide, course NW.
 23.91 Wash, 15 lks. wide, course NW.
 26.00 Wash, 10 lks. wide, course NW.
 26.64 Wash, 15 lks. wide, course NW.
 27.34 Wash, 25 lks. wide, course NW.
 28.00 Wire fence, brs. NE. and SW. across field of what is called Geery's lower place.
 35.48 Wire fence, brs. SE. and NW.
 36.05 Road, Silverbell to Tucson, brs. SE. and NW.
 The difference bet. measurement of 41.36 chs. by 2 sets of chainmen is 8 lks.; position of middle point,
 By 1st set, 41.32 chs.,
 By 2nd set, 41.40 chs., the measurement of which is
 41.36 The old standard $\frac{1}{4}$ sec. cor., which is a post marked and witnessed as described by the Surveyor General.
 Land, broken with washes and level.
 Timber, mesquite.
 Underbrush, dense mesquite thicket.
 Soil, heavy sandy loam of 1st class.

October 17, 1911.

GENERAL DESCRIPTION.

Tp. 10 S., R. 9 E. is level in the E. part, and good farming land if furnished with water.
 Tp. 11 S., R. 9 E. is slightly broken in the E. half, and the soil is filled with small loose rocks.
 There is a well located in sec. 36 of Tp. 10 S., R. 9 E. belonging to Mr. Geery; the water is 147 ft. deep. There are also two adobe buildings located there, this being used as his lower ranch in running cattle on the range.
 There are no other settlers.

G. W. Rodolf
 U. S. Surveyor.

LIST OF NAMES.

BOOK 2361

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 retracement

of E. bdy. of T. 11 S., R. 10 E. & resurvey of 2nd stan. par. thru R. 9 & 10 E.

showing the respective capacities in which they acted:

W. H. Rychener....., *Chainman.*

L. E. Flanagan....., *Chainman.*

Paul Dial....., *Chainman.*

H. N. Bradstreet....., *Chainman.*

O. L. Nofzinger....., *Moundman.*

....., *Moundman.*

W. H. Rychener....., *Axman.*

....., *Axman.*

Harry B. Marshall....., *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 retracement of E. bdy. of T. 11 S., R. 10 E., and resurvey of the 2nd. stan. par. thru Rgs. 9 & 10 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
W. H. Rychener....., *Chainman.*

L. E. Flanagan....., *Chainman.*

Paul Dial....., *Moundman.*

H. N. Bradstreet....., *Moundman.*

O. L. Nofzinger....., *Axman.*

W. H. Rychener....., *Axman.*

Harry B. Marshall....., *Flagman.*

Subscribed and sworn to before me this 17th day of October, 19 11



Fred W. Rodolf

U. S. Surveyor

18911
BOOK 2361

I, Fred W. Rodolf, United States ~~Deputy~~ Surveyor, do
solemnly swear that, ~~in pursuance of a contract~~ under instructions received from Frank S. Ingalls
United States Surveyor General for Arizona, bearing date of the
22nd day of August, 19 11 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 retracement of E. bdy. of T. 11 S.,
Rg. 10 E., and resurvey of 2nd stan. Par. S. thru parts of Rgs. 9 & 10 E.

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, 19 12

W. H. Cannon
UNITED STATES SURVEYOR GENERAL



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz. June 12, 1912

The foregoing field notes of the survey of retracement of the East

Boundary of S. 11 D. R. 10 E., and Second Standard
Parallel South through portions of Ranges 9 and 10 E.

executed by Fred W. Rodolf
under his ~~contract~~ Contract No. 11, dated August 22, 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.