

# FIELD NOTES

23607-1412

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

South and West Boundaries of T 11 N. R 10 E

Of the G. M. S. P. 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 11, 1911.

Survey completed October 15, 1911.

# INDEX DIAGRAM.

Township \_\_\_\_\_, Range \_\_\_\_\_

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Book No. 2360

BOOK 2360

# INDEX DIAGRAM.

Township 11 South, Range 10 East

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BOOK 2360

PRELIMINARY OATHS OF ASSISTANTS.

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 South and West Boundaries of Tp. 11 S., R. 10 E.

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

Subscribed and sworn to before me this 11th  
day of October, 1911



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 South and West boundaries of T. 11 S., R. 10 E.

O. Nofzinger, Moundman.  
Moundman.

Subscribed and sworn to before me this 11th  
day of October, 1911



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 South and West bdys. of T. 11 S., R. 10 E.

W. H. Rychener, Axman.  
Axman.

Subscribed and sworn to before me this 11th  
day of October, 1911



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 South and West bdys. of T. 11 S., R. 10 E.

H. B. Marshall, Flagman.

Subscribed and sworn to before me this 11th  
day of October, 1911



Fred W. Rodolf  
U. S. Surveyor

Survey of the S. Bdy. of Tp. 11 S., Rg. 10 E.

chains

Survey commenced Oct. 11, 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 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.

I examine the adjustments of the transit and find them in good condition; 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 established by observations on polaris, I proceed as follows:

At my camp which is approximately at 1/4 sec. cor. bet. secs. 14 and 15, of T'11 S., R 10 E.; latitude 32° 28' 30" N longitude 111° 19' 16" W.; I set off 32° 28, 1/2' N. on the lat. arc; 6° 51' S. on the decl. arc and at 4h. 00m., p.m., l.m.t. determine a meridian with the solar and mark a point thereof by a cross on a stone firmly set in the ground 5 chs. N. of my station.

At 6h 15m, p.m., by my watch which has correct l.m.t., I observe polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point on the line thus determined on a peg driven in the ground 5 chs. N. of my station.

October 11, 1911

October 12; At 7 a.m., l.m.t., I lay off the azimuth of polaris 1° 23' to the west and mark the meridian thus determined by cutting a small groove on the stake set on Oct. 11, on which the meridian coincides with the mark determined by the solar.

At 8h. a.m., l.m.t., I set off 32° 28, 1/2' N. on the lat. arc 7° 06' S. on the decl. arc; and mark a point in the meridian determined by the solar, by a notch on the stone already set 5 chs. N. of my station; this notch coincides with the meridian established by observations on polaris. The solar apparatus, by a.m. and p.m. observations, defines positions for meridians which coincide with the meridian established by polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the true meridian at 8h 30m, a.m., l.m.t., is N. 13 30' W. therefore the mag. decl. is 13 30' E.

At the cor. of Tps. 11 and 12 S., Rg. 10 E., which is a post, marked and witnessed as described by the Surveyor General, I set off 32° 25, 1/2' N. on the lat. arc 7° 09' S. on the decl. arc and determine a meridian with the solar at 10a.m., l.m.t., Thence I run West on a random line bet. Tps. 11 and 12 S., setting temp. 1/4 sec. and sec. cors. at every 40 chs.; and at 482.54 chs. I intersect the W. bdy. of Tp. 11 S. 31 lks. N. of the cor. of Tps. 11 and 12 S. Rgs. 9 and 10 E. which is a stone, marked and witnessed as described by the Surveyor General.

October 12, 1911

October 13: At 7a.m., l.m.t., I set off 32° 25, 1/2' N. on the lat. arc; 7° 26' S. on the decl. arc and determine a meridian with the solar at the cor. of Tps. 11 and 12 S. Rgs. 9 and 10 E.

Thence I run N 89 58' E. on true line bet. secs. 6 and 31. Over nearly level land thru exceptionally dense underbrush

Survey of the S. Bdy. of Tp. 11 S., R. 10 E.

chains

- 6.54 Wash 20 lks.wide, course ESE.
- 9.80 Wash, 20 lks.wide, course ESE.
- 18.00 Wash, 15 lks.wide, course ESE.
- 32.50 Wash, 10 lks.wide, course N.
- 42.54 Set a 1 1/2 inch iron post, 3ft. long, 26 ins. in the ground, for 1/4 sec cor., marked 1/4 S 31 on N. half, and S 6 on S. half; from which
  - A mesquite 15" diam., brs. S 80 E. 133 lks. dist., marked 1/4 S 6 BT
  - A mesquite 10 ins. diam., brs. N 42, 1/2 W. 231 lks. dist., marked 1/4 S 31 BT
- 74.50 Wash, 10 lks.wide, course ESE.
- 78.80 Enter wash, 10 lks.wide, course E.
- 80.50 Leave wash, course ESE.
- 82.54 Set a 3 inch iron post, 3ft. long, 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked T 11 S R 10 E on N. half, T 12 S on S. half, S 32 on NE. quad., S 5 on SE. quad., S 6 on SW. quad., and S 31 on NW. quad.; from which
  - A mesquite 9 ins. diam., brs N 9° 30' E. 85 lks. dist., marked T 11 S R 10 E S 32 BT
  - A mesquite 6 ins. diam., brs S 44° 10' E., 98 lks. dist., marked T 12 S R 10 E S 5 BT
  - A mesquite 6 ins. diam., brs. S 23° 05' W. 137 lks. dist., marked T 12 S R 10 E S 6 BT
  - A mesquite 8 ins. diam., brs. N 67° 30' W. 136 lks. dist., marked T 11 S R 10 E S 31 BT

Land, nearly level.  
 Timber, mesquite and palo verde  
 Underbrush, dense greasewood and mesquite.  
 Soil, this mile runs along land that is subject to overflow and is of a very rich red loam. The soil on each side of this line is a little higher and does not overflow but is of a very rich loam.

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Thence I run  
 N 89° 58' E. on true line bet. secs. 5 and 32.  
 Over low level land thru exceptionally dense underbrush

- 4.00 Wash, 10 lks.wide, course ESE.
- 6.58 Wash, 10 lks.wide, course SE.
- 18.00 Wash, 20 lks.wide, course ESE.
- 25.24 Wash, 10 lks.wide, course ESE.
- 38.13 Wash, 10 lks.wide, course NNE.
- 40.00 Set a 1 in. iron post, 3ft. long, 26 ins. in the ground, for 1/4 sec. cor., marked 1/4 S 32 on N. half., and S 5 on S. half, from which
  - A mesquite 5 ins. diam., brs. S 65 15' W. 81 lks. dist., marked 1/4 S 5 BT
  - A mesquite 9 ins. diam., brs. N 44. 15' W. 143 lks. dist., marked 1/4 S 32 BT.
- 40.20 Wash, 10 lks.wide, course ESE.
- 73.07 Road, bears N. and S.
- 75.60 Wash, 15 lks.wide, course N.
- 80.00 Set a 3 in. iron post, 3ft. long, 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked T 11 S R 10 E on N. half, T 12 S on S. half, S 33 on NE. quad., S 4 on SE. quad., S 5 on SW. quad., and S 32 on NW. quad.; from which
  - A mesquite 10 ins. diam., brs. N 9° 30' E. 106 lks. dist., marked T 11 S R 10 E S 33 BT.
  - A mesquite 10 ins. diam., brs. N 68° 45' W. 99 lks. dist., marked T 11 S R 10 E S 32 BT.

and dig pits, 18x18x12 ins., SE. and SW. of cor. 5, 1/2 ft. dist., and raise a mound of earth, 4ft. base, 2ft high, W. of cor. No other trees available.  
 Land, level.  
 Timber, thick mesquite and palo verde.  
 Underbrush, exceptionally dense mesquite and greasewood  
 Soil, low, subject to overflow and of a rich red loam.

Survey of the S. Bdy. of Tp. 11 S., Rg. 10 E.

chains.

Thence I run  
 N 89° 58' E. on true line bet. secs. 4 and 33.  
 Over rolling land thru dense underbrush.

0.14 Wash, 30 lks. wide, course N.  
 1.10 Wash, 25 lks. wide, course N.  
 2.10 Wash, 10 lks. wide, course N.  
 2.53 Wash, 10 lks. wide, course N.  
 3.85 Wash, 15 lks. wide, course N.

40.00 Set a lin. iron post, 3ft. long, 26ins. in the ground, for  
 1/4 sec. cor., marked 1/4 S 33 on N. half, and S 4 on S. half.  
 from which, A mesquite 7ins. diam., brs. N 46 20' E. 86 lks. dist.,  
 marked 1/4 S 33 BT  
 A mesquite 5ins. diam., brs S 25 40' E. 44 lks. dist.,  
 marked 1/4 S 4 BT.

80.00 Set a 3in. iron post, 3ft. long, 24ins. in the ground,  
 for cor. of secs. 3, 4, 33 and 34, marked T 11 S R 10 E on  
 N. half, T 12 S on S. half, S 34 on NE. quad., S 3 on SE.  
 quad., S 4 on SW. quad., and S 33 on NW. quad.; from  
 which  
 A mesquite 12 ins. diam., brs N 32° 15' E. 46 lks. dist.,  
 marked T 11 S R 10 E S 34 BT  
 A mesquite 8 ins. diam., brs S 39° 30' E. 206 lks. dist.,  
 marked T 12 S R 10 E. S 3 BT  
 A mesquite 7ins. diam., brs S 50° 15' W. 68 lks. dist.,  
 marked T 12 S R 10 E. S 4 BT.  
 and dig pit 18x18x12ins., NW. of cor. 5, 1/2 ft.  
 dist., and raise a mound of earth, 4ft. base, 2ft. high,  
 W. of cor. No other trees available.  
 Land, rolling,  
 Timber, mesquite.  
 Underbrush, exceptionally dense mesquite and  
 greasewood.  
 Soil, sandy loam with small loose rocks. 1st class.  
 October 13, 1911

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October 14; At 7 a.m., l.m.t., I set off 32° 25, 1/2' N. on  
 the lat. arc; 7° 48, 1/2' S. on the decl. arc and determine a  
 meridian with the solar.

Thence I run  
 N 89 58' E. on true line bet. secs. 3 and 34.  
 Over level land thru dense underbrush.

40.00 Set a lin iron post, 3ft. long, 26ins. in the ground, for  
 1/4 sec. cor., marked 1/4 S 34 on N. half, and S 3 on S. half.,  
 from which  
 A mesquite, 14 ins. diam., brs. N 43 45' E. 73 lks. dist.,  
 marked 1/4 S 34 BT  
 A mesquite 12ins. diam., brs. S 32.25' W. 107 lks. dist.,  
 marked 1/4 S 3 BT

64.00 Read, brs. NW. and SE. Silverbell to Tuscon.  
 80.00 Set a 3in. iron post, 3ft. long, 24ins. in the ground, for  
 cor. of secs. 2, 3, 34 and 35, marked T 11 S R 10 E on N.  
 half; T 12 S on S. half; S 35 on NE. quad., S 2 on SE.  
 quad., S 3 on SW. quad., and S 34 on NW. quad.; dig pits,  
 18x18x12ins., in each sec. 5, 1/2 ft. dist., and raise a mound  
 of earth, 4ft. base, 2ft. high, W. of cor. No trees available  
 Land, level.  
 Timber, mesquite.  
 Underbrush, greasewood and mesquite.  
 Soil, sandy loam 1st rate.

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Thence I run  
 N 89° 58' E. on true line bet. secs. 2 and 25.  
 Over level land thru dense underbrush.

40.00 Set a lin. iron post, 3ft. long, 26ins. in the ground, for  
 1/4 sec. cor., marked 1/4 S 35 on N. half; and S 2 on S. half.  
 from which  
 A mesquite 8in. diam., brs S 44 15' E. 350 lks. dist.,  
 marked 1/4 S 2 BT

## Survey of the S. Bdy. of Tp. 11S., R 10 E.

chains.	dig pits, 18X18X12ins., E. and W. of post, 3ft. dist., and raise a mound of earth, 3, 1/2 ft. base, 1, 1/2 ft. high, N. cor. No other trees available.
54.00	Over land subject to overflow.
55.04	Wash, 15 lks. wide, course N.
56.60	Wash, 20 lks. wide, course N.
57.30	Wash, 20 lks. wide, course N.
60.00	Wash, 15 lks. wide, course N.
61.00	Leave land subject to over flow.
80.00	Set a 3in. iron post, 3ft. long, 24ins. in the ground, for cor. of secs. 1, 2, 35 and 36; marked T 11 S R 10 E on N. half; T 12 S on S half; S 36 on NE. quad.; S 1 on SE quad.; S 2 on SW. quad., and S 35 on NW quad.; from which A mesquite 4ins. diam., brs. N 14° E. 229 lks. dist., marked T 11 S R 10 E S 36 BT. A mesquite 8ins. diam., brs. S 63° E., 271 lks. dist., marked T 12 S R 10 E S 1 BT A mesquite 8ins. diam., brs. S 72, 1/2° W. 262 lks. dist., marked T 12 S R 10 E S 2 BT and dig a pit 18X18X12ins., NW. of cor. 5, 1/2 ft. dist., and raise a mound of earth, 4ft. base, 2ft. high, W. of cor. No other trees available. Land, level. Timber, scattering mesquite. Underbrush, mesquite and greasewood, very dense. Soil, light sandy loam of 1st class covered with 6 weeks grass. At this cor. I set off 7° 55, 1/2' S. on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 32° 25, 1/2' N.
	Thence I run N 89 58' E. on true line bet. secs. 1 and 36. Over level land thru dense underbrush.
34.50	leave dense mesquite thicket thru dense greasewood.
40.00	Set a lin. iron post. 3ft. long, 26ins. in the ground, for 1/4 sec. cor., marked 1/4 S 36 on N. half., and S 1 on S. half., from which A mesquite 8ins. diam., brs. S 44° 15' E. 350 lks. dist., marked 1/4 S 1 BT.
	dig pits, 18X18X12ins., E. and W. of cor., 3ft. dist., and raise a mound of earth, 3, 1/2 ft. base, 1, 1/2 ft. high, N. of cor. No other trees available.
67.74	Nelsons tank and well brs. N. 9.75 dhs. 167 ft. to water
	Nelsons adobe house brs. N. 12.50 chs.
75.24	Read, brs. N. and S.
80.00	The cor. of Tps. 11 and 12 S., Rg. 10 E. as previously desc. Land, level. Timber, mesquite. Underbrush, greasewood and mesquite, very dense. Soil, a red sandy loam of 1st class.

## GENERAL DESCRIPTION.

Tp. 11 S. R. 10 E. is mostly level and of 1st class soil which would be good farming land if supplied with water. There is a settler in Sec. 36 as noted in the notes.

Tp. 12 S. Rg. 10 E. is mostly level and of a 1st class soil which would be good farming land if supplied with water. There are no settlers.

There is no water on this line except as noted in the notes.



## Survey of the W. Bdy. of Tp. 11 S., Rg 10 E.

chains. From the cor. of Ts. 11 and 12 S. Rs. 9 & 10 E, prev. described, I run North, along W. bdy. of sec. 31.  
Over land subject to overflow, thru dense underbrush.

6.37 Leave overflowed land, slightly ascending.  
10.00 Old road, brs. NE. and SW.  
28.65 Drain, course E.  
29.00 Drain, course E.  
40.00 Set a lin. iron post, 3ft. long, 26ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 36 on W. half, and S 31 on E. half; dig pits, 18x18x12ins., N. and S. of cor., 3ft. dist., and raise a mound of earth, 3,  $\frac{1}{2}$  ft. base, 1,  $\frac{1}{2}$  ft. high, W. of cor. No trees available.

42.43 Drain, course E.  
64.00 Wash, 10 lks. wide, course E.  
70.49 Wash, 15 lks. wide, course E.  
75.79 Wash, 15 lks. wide, course E.  
76.64 Wash, 25 lks. wide, course E.  
80.00 Set a 3in. iron post 3ft. long, 24ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked T 11 S on N. half, R 9 E. on W. half, R 10 E on E. half; S 30 on NE. quad., S 31 on SE. quad., S 36 on SW. quad., and S 25 on NW. quad.; dig pits 18x18x12ins., in each sec., 5,  $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4ft. base, 2ft. high, W. of cor. No trees available.  
Land, slightly ascending.  
Underbrush, greasewood. No timber.  
Soil, good light loam, no sign of hard pan and no stones  
land covered with a good growth of six weeks grass.  
October 14, 1911.

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October 15; At 7 a.m., l.m.t., I set off 32°26,  $\frac{1}{2}$ ' N. on the lat. arc. 8°11' S. on the decl. arc and determine a meridian with the solar at the cor. of secs. 30, 31, 25 and 36.  
Thence I run  
North bet. secs. 25 and 30.  
Over rolling land thru dense underbrush.

11.60 Road, Silverbell to Tucson, brs NW. and SE.  
13.75 Drain, course E.  
15.23 Drain, course E.  
18.41 Drain, course E.  
19.18 Drain, course E.  
27.16 Drain, course E.  
30.90 Wash, 15 lks. wide, course NE.  
32.00 Wash, 20 lks. wide, course NE.  
40.00 Set a lin. iron post, 3ft. long, 26ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S 25 on W. half, and S 30 on E. half. dig pits, 18x18x12ins., N. and S. of cor., 3ft. dist., and raise a mound of earth, 3,  $\frac{1}{2}$  ft. base, 1,  $\frac{1}{2}$  ft. high, W. of cor.

40.61 Wash, 20 lks. wide, course E.  
61.61 Wash, 50 lks. wide, course NE.  
65.48 Wash, 35 lks. wide, course NE.  
66.22 Wash, 15 lks. wide, course E.  
80.00 Set a 3in. iron post, 3ft. long, 24ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked T 11 S on N. half., R 9 E. on W. half, and R 10 E on E. half, S 19 on NE. quad., S 30 on SE. quad., S 25 on SW. quad., and S 24 on NW. quad., dig pits, 18x18x12ins., in each sec. 5,  $\frac{1}{2}$  ft. dist., and raise a mound of earth, 4ft. base, 2ft. high, W. of cor.  
Land, rolling.  
Underbrush, greasewood palo verde and mesquite.  
Soil, sandy loam 2nd grade with small loose stones.

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Thence I run  
North bet. secs. 19 and 24.  
Over rolling land thru dense underbrush.

22.60 Wash, 30 lks. wide, course NE.  
23.87 Wash, 15 lks. wide, course E.  
25.42 Wash, 10 lks. wide, course SE.  
37.11 Wash, 10 lks. wide, course E.  
40.00 Set a lin. iron post 3ft. long, 26ins. in the ground.

## Survey of the W. Bdy. of Tp. 11 S., R. 10 E.,

chains.	for 1/4 sec. cor., marked 1/4 S 24 on W. half, and S 19 on E. half from which
	A mesquite, 4 ins. diam., brs. N 71° 20' E. 55 lks. dist., marked 1/4 S 19 BT.
	A mesquite 6 ins. diam., brs. N 76° 45' W. 157 lks. dist., marked 1/4 S 24 BT.
58.58	Enter wash, 40 lks. wide, course N.
71.50	Leave wash, course NE.
76.81	Drain, course E.
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 11 S on N. half, R 9 E. on W. half, R 10 E on E half, S 18 on NE quad., S 19 on SE. quad., S 24 on SW. quad and S 13 on NW. quad., from which
	A paloverde 5 1/2 ins. diam., brs. S 88° 15' E. 58 lks. dist., marked T 11 S R 10 E S 19 BT.
	A paloverde 8 ins. diam., brs. S 46° 15' W. 70 lks. dist., marked T 11 S R 9 E S 24 BT
	dig pits, 18X18X12 ins., NE and NW. of cor. 5, 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
	Land, rolling.
	Timber, mesquite and paloverde.
	Underbrush, greasewood, paloverde and mesquite.
	Soil, sandy and gravelly, 2nd rate.
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	Thence I run
	North bet. secs. 13 and 18.
	Over rolling and broken land thru dense underbrush.
2.10	Wash, 10 lks. wide, course SE.
15.05	Wash, 15 lks. wide, course NE.
38.60	Wash, 10 lks. wide, course NE.
40.00	Set a lin. iron post, 3 ft. long, 26 ins. in the ground, for 1/4 sec. cor., marked 1/4 S 13 on W. half., S 18 on E. half., from which.
	A paloverde 6 in. diam., brs. S 32° W. 113 lks. dist., marked 1/4 S 13 BT.
	A paloverde 5 ins. diam., brs N 75° 30' E. 50 lks. dist., marked 1/4 S 18 BT.
64.00	Wash, 30 lks. wide, course E.
64.68	Wash, 20 lks. wide, course E.
65.78	Wash, 20 lks. wide, course E.
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 11 S on N. half., R 9 E. on W. half, and R 10 E on E half; S 7 on NE. quad., S 18 on SE. quad., S 13 on SW. quad and S 12 on NW quad., from which
	A paloverde 4 ins. diam., brs. N 69° E. 82 lks. dist., marked T 11 S R 10 E S 7 BT
	and dig pits, 18X18X12 ins., SE, SW, and NW of cor., 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. No other trees available.
	Land, rolling and broken
	Timber, mesquite and paloverde.
	Underbrush, greasewood, paloverde and mesquite.
	Soil, rocky 3rd rate.
	At this cor. I set off 8° 18' S' on the decl. arc and observe the sun on the meridian at noon; the resulting lat. is 32° 29' N.
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	Thence I run
	North bet. secs. 7 and 12.
	Over level land thru dense underbrush.
1.86	Drain, course E.
2.67	Drain, course E.
22.90	Wash, 10 lks. wide, course NE.
27.73	Drain, course NE.
36.10	Wash, 10 lks. wide, course E.
40.00	Set a lin. iron post, 3 ft. long, 26 ins. in the ground, for 1/4 sec. cor., marked 1/4 S 12 on W. half., and S 7 on E. half.

Survey of the W. bdy. of Township 11 S., Range 10 E. 7.  
Chains.

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

- 40.10 Drain, course NE.  
54.53 Drain, course NE.  
56.96 Drain, course NE.  
58.68 Drain, course NE.  
64.39 Wash, 15 lks. wide, course NE.  
66.40 Wash, 20 lks. wide, course NE.  
79.18 Wash, 15 lks. wide, course NE.  
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 11 S on N half;

R 9 E on W. half, and

R 10 E on E. half;

S 6 on NE. quad,

S 7 on SE. quad,

S 12 on SW. quad., and

S 1 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, level.

Underbrush, sage and greasewood. No timber.

Soil, sandy loam, 1st rate. No stones and no indications of bed rock.

Thence I run,

North, bet. secs. 1 and 6.

Over level land, through dense underbrush.

35.05 Road, bears NW. and SE.

36.04 Intersect the N. bdy. of Tp. 103 lks. W. of the standard ¼ sec. cor. on the S. bdy. of sec. 36, which is a post marked and witnessed as described by the Surveyor General.

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

T 10 S R 9 E S 35, S 36 on N. half;

C C T 11 S on S. half;

S 6 R 10 E on SE. quad., and

S 1 R 9 E on SW. quad.; dig pits, 30x24x12 ins., crosswise on each line, E. and W. of cor., 4 ft. dist., and S. of cor., 7 ft. dist., and raise a mound of earth, 5 ft. base, 2½ ft. high, S. of cor.

Land, level.

Underbrush, greasewood and sage. No timber.

Soil, sandy loam of 1st class.

October 15, 1911.

#### GENERAL DESCRIPTION.

Tp. 11 S., Rg. 9 E. is slightly broken, and covered with small loose rocks. Soil is of 2nd class.

Tp. 11 S., R. 10 E. is mostly level and of 1st class soil, covered with dense growth of greasewood.

There are no settlers along this line.

There is no water along this line.

Latitudes, departures, and closing errors.

Line designated.	Course.	Distance.	Latitudes.		Departures.	
			N.	S.	E.	W.
2nd Std. Par. S. East,		1.03				1.03
" " " "	N. 89° 58' E.	41.36	0.05		41.36	
" " " "	N. 89° 47' E.	81.28	0.31		81.28	
" " " "	N. 89° 47' E.	81.53	0.31		81.53	
" " " "	N. 89° 50' E.	79.68	0.23		79.68	
" " " "	N. 89° 49' E.	79.82	0.26		79.82	
" " " "	N. 89° 49' E.	80.10	0.26		80.10	
" " " "	N. 89° 49' E.	36.31	0.11		36.31	
East Bdy.	S. 0° 11' E.	38.26		38.26	0.12	
" " " "	S. 0° 14' E.	80.07		80.07	0.33	
" " " "	S. 0° 11' E.	80.01		80.01	0.26	
" " " "	S. 0° 11' E.	39.94		39.94	0.13	
" " " "	S. 0° 23' E.	39.92		39.92	0.27	
" " " "	S. 0° 24' E.	39.86		39.86	0.28	
" " " "	S. 0° 11' E.	39.84		39.84	0.13	
" " " "	S. 0° 12' E.	79.92		79.92	0.14	
South Bdy.	S. 89° 58' W.	482.54		0.31		482.54
West " "	North,	436.04	436.04			
Convergency,					0.42	
Totals,			437.57	438.13	483.19	482.54
				437.57	482.54	
Error in latitude,				0.56	0.65	
Error in departure,						

*Bred W. Rodolf*  
U. S. Surveyor.

FINAL OATHS OF ~~DEPUTY~~ SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

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 South and  
West bdys. of T.11 S., R.10 E.  
.....  
showing the respective capacities in which they acted:

- L. E. Flanagan....., *Chainman.*
- H. N. Bradstreet....., *Chainman.*
- O. L. Mofzinger....., *Moundman.*
- ....., *Moundman.*
- W. H. Rychener....., *Arxman.*
- ....., *Arxman.*
- 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 South and West boundaries of township 11 South  
Range 10 East.  
.....

..... of the Gila and  
Salt River Base and 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

- L. E. Flanagan....., *Chainman.*
- H. N. Bradstreet....., *Chainman.*
- O. L. Mofzinger....., *Moundman.*
- ....., *Moundman.*
- W. H. Rychener....., *Arxman.*
- ....., *Arxman.*
- H. B. Marshall....., *Flagman.*

Subscribed and sworn to before me this 15th day  
day of october, 19 11

Fred W. Rodolf

U. S. Surveyor



125 (10)  
BOOK 2360

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Fred W. Rodolf, United States ~~Deputy~~ Surveyor, do solemnly swear that, ~~under instructions~~ 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 South and West boundaries of township 11 South, Range 10 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, 19 12

Will Cannon  
UNITED STATES COMMISSIONER,  
DISTRICT OF OREGON.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Henry Ariz June 12, 1912

The foregoing field notes of the survey of

the South and West

boundaries of T 11 S R 10 E. of the  
G. S. M. Meridian, Arizona

executed by Fred W. Rodolf  
under his ~~contract~~ <sup>group</sup> No. 11, dated August 22, 19 11, 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.