

Book "A"  
4-679.

711 K.  
Dec. 24-05.

89  
1

2062

BOOK 2062

# FIELD NOTES

2062

OF THE SURVEY OF THE

2062

*Second Standard Parallel North through  
Ranges 10 and 11 East.*

2062

Of the *Gila and Salt River* Meridian,  
*Territory of Arizona*

AS SURVEYED BY

*John J. Fisher*, United States Deputy Surveyor,

Under his Contract No. *120*, dated *June 17<sup>th</sup>*, 1904

Survey commenced *October 14*, 1904

Survey completed *October 17*, 1904

6-151

2062

2062

2062

NAMES AND DUTIES OF ASSISTANTS.

<i>W. W. Oliver</i>	<i>Chairman</i>
<i>E. O. Kemerway</i>	<i>Chairman</i>
<i>A. A. Snyder</i>	<i>Chairman</i>
<i>W. H. Port</i>	<i>Chairman</i>
<i>Joseph Groves</i>	<i>Plagman</i>

BOOK 2062

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

7      6      5      4      3      2  
*2<sup>nd</sup> Standard Parallel through Range 11 E*  
 Meanders Page \_\_\_\_\_

31	32	33	34	35	36
12	11	10	9	9	8

*2<sup>nd</sup> Standard Parallel through Range 10 E*

922  
BOOK 2062

PRELIMINARY OATHS OF ASSISTANTS.

WE, W. W. Oliver and E. O. Hemenway  
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 the Second Standard Parallel North through Ranges 10 and 11 E.

W. W. Oliver, Chainman.

E. O. Hemenway, Chainman.

Subscribed and sworn to before me this 14  
day of October, 1904



My commission expires  
May 17, 1904 &

J. J. Fisher  
Notary Public

WE, \_\_\_\_\_ 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 \_\_\_\_\_

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_



WE, A. A. Snyder <sup>faithfully</sup> and W. H. Fort <sup>do solemnly swear that we will well and truly perform 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, to the best of our skill and ability, in the survey of</sup>  
the Second Standard Parallel North through Ranges 10 and 11 E.

A. A. Snyder, Chainman

W. H. Fort, Chainman

Subscribed and sworn to before me this 14  
day of October, 1904



My commission expires  
May 17, 1904 &

J. J. Fisher  
Notary Public

I, Joseph Groves, 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 the Second Standard Parallel North through Ranges 10 and 11 E.

Joseph Groves, Flagman.

Subscribed and sworn to before me this 14  
day of October, 1904



My commission expires  
May 17, 1904 &

J. J. Fisher  
Notary Public

Second Standard Parallel North through Range 11 East.

Chains

Survey commenced October 14, 1904, and executed with a W. and L.E. Gurley Light Mountain Transit. Transit not numbered. The horizontal limb has two double verniers 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 was approved by the Surveyor General of Arizona.

I examined the adjustments of the transit 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 true meridian determined by observation from Polaris, I proceeded as follows: At the standard corner of Tps 9 S N Ranges 10 and 11 E., latitude  $32^{\circ} 4' 27''$  N., longitude  $111^{\circ} 14' 33''$  W.; I set off  $34^{\circ} 4' 1/2''$  N. on the latitude arc,  $8^{\circ} 14'$  S. on the decl. arc; and at 3hrs.30 min. P.M. l.m.t. determined with the solar a meridian, and mark a point thereon on a stone firmly set in the ground 5 chs. N. of my station.

NOTE: Owing to the extremely rough and mountainous nature of the land over which this line passes, which prohibited over 15.00 chs. in length, I did not consider it practicable expedient to employ either the secant or tangent methods in the survey of this standard parallel; Solar observations were therefore taken at each setting of the instrument at intervals along the line not to exceed 15.00 chs.

October 14, 1904.

October 15, 1904.

At 5 hrs. 44.70 min. A.M. by my watch, which has correct l.m.t., I observed Polaris at western elongation in accordance with the Manual of Instructions, and mark a point in a line thus determined on a plug driven in the ground 5 chs. N. of my station. At 6 hrs 30 mins. A.M. l.m.t. I lay off the azimuth of Polaris  $1^{\circ} 27'$  to the E. and mark the true meridian thus determined by cutting a small groove in the stone set Oct. 14, on which the meridian falls on the mark determined by the solar.

At 7 h.0m. A.M. l.m.t. I set off  $34^{\circ} 4' 1/2''$  N. on the lat. arc;  $8^{\circ} 25'$  S. on the decl. arc; and mark a

Chains

BOOK 2062

point in the true meridian determined with the solar, by a + on the stone already set 5 chs. N. of my station; This mark falls on the true meridian established by the Polaris observation.

The solar apparatus by A.M. and P.M. observations, defines positions for two meridians which coincide with the meridian established by the Polaris observation; therefore I conclude that the adjustments of the instruments are satisfactory.

The magnetic bearing of the true meridian at 7 h. 0 m. A.M. is N. 13° 57' W. The angle thus determined gives the mean mag. decl. 13° 57' E. From the standard cor. of Tp. 9 N. Ranges 10 and 11 E. which is a stone marked and witnessed as described by the Surveyor General, I run

E. on a random line along the S. boundary of Tp. 9 N. R. 11 E. setting temp. 1/4 sec. and sec. cors. at intervals of 40 chs.; and at 491.97 chas. intersect W. boundary of Tp. 19.92 chs. N. of the standard cor. of Tps. 8 and 9 N. R. 12 E. and set a

Schist stone 30 x 10 x 5 ins. 23 ins. in the ground for <sup>standard</sup> closing cor. of Tp. 9 N. R. 11 E. marked with 6 grooves on N. and W. faces, and C.C. on W. face. and raised a mound of stone 2 ft. base 1:1/2 ft. high N.W. of cor. Pits impracticable.

Thence I run

W. on a true line along S. boundary of Sec. 36, over rolling mountains through dense oak brush.

- 1.80 Cross gully 5 lks. wide, course S.W.
- 23.20 Cross gully 10 lks. wide S.
- 38.35 Cross Gun Creek 30 lks. wide. Course N.W. Water in pools.

Difference between measurements of 40 chms. by two sets of chaining, is 6 lks; position of middle point

By 1st set 40.03 chms.

By 2d set 39.97 chms; the mean of which is

- 40 Set a schist stone 26 x 16 x 7 ins. 20 ins. In the

Second Standard Parallel North through Range 11 East.

Chains		BOOK 2062
	<p>ground for standard 1/4 sec. cor. marked S.C. 1/4 on N. face; from which a juniper 4 ins. in diam. brs. N. 13-1/2° W. 26 lks. dist. marked S.C. 1/4 S. 36 B.T.</p>	
68.55	Cross dry creek, 40 lks. wide, course N.	
69.50	Cross gulley 10 lks. wide, course N.E.	
	Difference bet. measurements of 80 chs. by two sets of chainmen, is 16 lks.; position of middle point	
	By 1st set, 79.92 chs.	
	By 2d set, 80.08 chs.; the mean of which is	
80.00	Set a porphyry stone 24 x 16 x 5 ins. 18 ins. in the ground for standard cor. of Sec. 35 and 36; marked S.C. on N. with one groove on E. and five grooves on W. faces; and raised a mound of stone 2 ft. base 1 1/2 ft high N. of cor. Pits impracticable.	
	Land, mountainous.	
	Soil, rocky, fourth rate.	
	Timber, cedar.	
	Undergrowth, oak.	
	Mountainous land, or land covered with dense undergrowth 80 chs.	
	<hr/>	
	West on S. boundary of Sec. 35.	
	Over rough mountains through a heavy brush.	
33.50	Gulley 10 lks. wide, course N.	
	Difference bet, measurements of 40 chs. by two sets of chainmen is 18 lks; position of middle point	
	By 1st set 40.09 chs.	
	By 2d set, 39.91 chs., the mean of which is	
40.00	Set a granite stone 18 x 15 x 6 ins. 12 ins. in the ground for standard 1/4 sec. cor. marked S.C. 1/4 on N. face, and raised a mound of stones 3 ft. base 1 1/2 ft. high N. of cor. Pits impracticable.	

Chains	
55.25	Cross Gun Creek 60 lks. wide course S.W. water in pools.
64.00	Cross Gun Creek, course N.W. and along same.
72.30	Leave Gun Creek, course S.W.; water in pools. Difference bet. measurements of 80 chains by two sets of chainmen is 20 lks. Position of middle point By 1st set 79.90 chs. By 2d set, 80.10 chs. ; the mean of which is
80.00	Set a granite stone 26 x 15 x 8 , 2' ins. in the ground for standard cor. of Secs. 34 and 35. Marked S.C. on N. with two grooves on E. and four grooves on W. faces; from which Mesquite 6 ins. diam brs. N.26-1/4° E. 68 lks. dist. marked S.C.T.9 N. R.11 E.S.35 BT. Mesquite 4 ins. diam. brs. N. 46 ° W. 60 lks. dist. marked S.C. T 9 N R 11 E. S 34 B T Land mountainous; Soil , rocky, 4th rate; Timber, a few scattering cedars. Undergrowth, oak; Mountainous land or land covered with dense undergrowth, 80 chs.
West on South Boundary, Section 34.	
40.00	Over rough, <u>rolling</u> mountains and scattering timber. Difference bet, measurements of 40 chs. by two sets of chainmen is 14 lks; position of middle point, By 1st set, 40.07 chs. By 2d set, 39.93 chs. , the mean of which is Set a granite stone 20 x 10 x 4 ins. 15 ins. in the ground for standard 1/4 sec. cor.; marked S.C. 1/4 on N. face; from which
55.20	Juniper 5 ins. diam. brs.N. 43° E. 60 lks. dist. marked S.C. 1/4 S. 34 B T Cross dry creek 30 lks. wide, course S.W. Difference bet, measurements of 80 chs. by two sets



<p>Chains   80.00</p>	<p>of chainmen is 8 lks.; position of middle point , BOOK. 2062</p> <p>By 1st set, 79.96chs.</p> <p>By 2d set, 80.04 chs. ; the mean of which is</p> <p>Set a granite stone 26 x 15 x 8 lns. 11 ins. in the ground for standard cor. of Secs. 33 and 34; marked S.C on N. face with three grooves on E. and W. faces; from which</p> <p>A cedar 12 ins. in diam. brs. N. 22° E. 247 lks.dist marked S.C.T 9 N R 11 E S 34 B T .</p> <p>A cedar 4 ins. diam. brs. N. 1-1/2 ° W. 135 lks.dist. marked S.C. T 9 N R 11 E S 33 B T .</p> <p>Land, mountainous;</p> <p>Soil, rocky, 4th rate;</p> <p>Timber, cedar, pinyon, oak and juniper.</p> <p>Undergrowth, oak</p> <p>Mountainous land or land covered with dense undergrowth, 80 chs..</p>
<p>35.50  40.00</p>	<p>West on South Boundary, Section 33.</p> <p>Over rough mountains and scattering timber.</p> <p>Cross gully 5 lks. wide, course N.W.</p> <p>Difference in measurement of 40 chs. by two sets of chainmen; is 6 lks; position of middle point</p> <p>By 1st set, 40.03 chs.</p> <p>By 2d set, 39.97 chs; the mean of which is</p> <p>Set a schist stone 16 x 12 x 4 ins. 11 ins. in the ground for standard 1/4 sec. cor. marked S.C. 1/4 on N. face; from which</p> <p>A cedar 11 ins. diam. brs. N. 44-1/2° W. 54. lks.dist marked S C 1/4 S 33 B T .</p>
<p>46.85 55.50 65.30 73.50</p>	<p>Cross wash 35 lks. wide, course S.W.</p> <p>Cross wash 35 lks. wide, course N.W.</p> <p>Cross wash 30 lks. wide, course S.W.</p> <p>Cross gully 10 lks. wide, course S.</p> <p>Difference bet, measurement of 80 chs. by two sets of chainmen, is 16 lks; position of middle point</p>

Chains

80.00

By 1st set 79.92 chs.

B 2d set, 80.08 chs.; the mean of which is

Set a schist stone 28. x 14 x 12 ins. , 21 ins. in the ground for standard cor. of Secs. 32 and 33; marked S C on N. with 4 grooves on E. and 2 grooves on W. faces; from which

A cedar 4 ins. diam. brs. N. 32° E. 51 lks. dist. marked S C T 9 N R 11 E S 33 B T .

Cedar 4 ins. diam. brs. N. 51-1/2 ° W. 170 lks. dist marked S C T.9 N R 11 E S 32 B T .

Land, mountainous

Soil, rocky, 4th rate;

Timber, cedar, pinyon, oak and juniper;

Undergrowth , oak;

Mountainous land or land covered with dense undergrowth, 80 chs.

West on South Boundary, Section 32.

Over rough mountains, through scattering timber.

6.80

Cross gully 15 lks wide, course S W

28.50

Cross wash 30 lks. wide, course S W.

40.

Difference bet, measurement of 40 chs. by two sets of chainmen, is 14 lks.; position of middle point

By 1st set, 40.07 chs.

By 2d set, 39.93 chs ; the mean of which is

40

Set a granite stone 20 x 14 x 6 ins. 15 ins in the ground, for standard 1/4 sec. cor. marked S C 1/4 on N. face, from which

A cedar 5 ins. diam brs. N. 35° E. 41 lks. dist, marked S C 1/4 S 32 B T .

55.90

Cross wash 30 lks. wide, course S.W.

Difference bet. measurement of 80 chs. by two sets of chainmen, is 18 lks ; position of middle point.

By 1st set, 79.91 chs;

By 2d set, 80.09 chs.; the mean of which is

80.00

Set a granite stone 32 x 18 x 8 ins. . 24 ins, in

Second Standard Parallel North through Range 11 East.

Chains

the ground, for standard cor. of Secs. 31 and 32. BOOK 2062  
 Marked S C on N. with 5 grooves on E. and 1 groove on  
 W. face ; from which  
 A cedar 4 ins. diam. brs. N. 84-1/4 ° E . 46 lks.  
 dist.; marked S C T 9 N R 11 E S 32 B T ;  
 A cedar 6 ins. diam. brs. N 20° W. 133 lks. dist.  
 marked S C T 9 N R 11 E S 31 B T .

Land, mountainous;  
 Soil, rocky, 4th rate;  
 Timber, cedar, pinyon, oak and juniper.  
 Mountainous land 80 chs.

---

West on South Boundary of Section 31.

Over rough mountains through scattering timber.  
 33.00 Cross dry creek 40 lks. wide, course N W .  
 Difference bet. measurement of 40 chs. by two sets  
 of chainmen, is 14 lks.; position of middle point,  
 By 1st set, 40.07 chs.

By 2d set, 39.93 chs. ; the mean of which is  
 40.00 Set a granite stone 30 x 10 x 5 ins. 22 ins. in the  
 ground for standard 1/4 sec. cor., marked S.C. 1/4 on  
 N. face; from which

A cedar 6 ins. diam. brs. N. 57° W. 71 lks dist.  
 marked S.C 1/4 S 31 B T .

91.97 The cor. of Tps. 8 and 9 N. Rs 10 and 11 E.

Land, mountainous;  
 Soil, rocky, 4th rate;  
 Timber, cedar, oak, pinyon and juniper;  
 Mountainous land 91.97 chs.

October 15th.

---

## Second Standard Parallel North through Range 10 East.

Chains

October 17 :

I set off  $34^{\circ} 4\frac{1}{2}'$  N. on the lat. arc,  ~~$9^{\circ} 9' S.$~~   
*and at 8<sup>h</sup> 0<sup>m</sup>. AM lmt.*  
 on the decl. arc, and determined the meridian with the  
 solar at <sup>closing</sup> the <sup>^</sup> cor<sup>^</sup> of Tps. 8 N Rs. 10 and 11 E, which is  
 a stone marked and witnessed as described by the Sur-  
 veyor General

Thence I run

West on the South Boundary of Section 36,

Descending over rough mountain through scattering  
 cedar timber;

17.90

Cross gulch, 16 lks. wide, course S.

Difference bet. measurements of 20.03 chs. by two  
 sets of chainmen, is 6 lks. ; position of middle point

By 1st set 20.06 chs;

By 2d set, 20 chs.; the mean of which is

20.03

Set a lava stone 24 x 10 x 12 ins. 18 ins. in the  
 ground for standard  $1/4$  sec. cor., marked S C  $1/4$  on N.  
 face; from which

A cedar 4 ins. diam. brs. N.  $0^{\circ} 30'$  W. 100 lks.  
 dist. marked S C  $1/4$  S 36 B.T

25.65

Cross Tonto Creek 45 lks. wide, course S. running  
 stream.

34.65

Cross road brs. N and S , and ascend over rolling  
 mountains.

Difference bet . measurements of 60.03 chs by two  
 sets of chainmen, is 12 lks.

By 1st set, 59.97 chs.;

By 2d set 60.09 chs; the mean of which is

60.03

Set a sandstone 20 x 6 x 4 ins. 15 ins. in the  
 ground for standard cor. of Secs. 35 and 36; marked S C  
 on N, with 1 groove on E. and 5 grooves on W faces, and  
 raised a mound of stones 2- $1/2$  feet base , 1- $1/2$  ft.  
 high N. of cor. Pits impracticable .

Land, mountainous;

Soil, rocky, 4th rate;

Timber, cedar;

Mountainous lands 60.03 chs.

## Second Standard Parallel North through R.10 East

Chains	West on South Boundary of Section 35. Ascending over rolling mountains.
12.20	Cross gulch 10 lks. wide, course S.E.
20.90	Cross wash 15 lks. wide, course S.E. Difference bet. measurements of 40 chs. by two sets of chainmen, is 18 lks; position of middle point By 1st set, 40.09 chs. By 2d set, 39.91 chs.; the mean of which is
40.00	Set a lava stone 18 x 12 x 8 ins 12 ins. in the ground, for standard 1/4 sec. cor., marked S C 1/4 on N face, and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.
49.00	Cross wash 10 lks. wide, course S.E.
66.30	Cross wash 15 lks. wide, course S.E.
74.75	Cross wash 15 lks. wide, course S.W. Difference bet. measurement of 80 chs. by two sets of chainmen is 18 lks. ; position of middle point By 1st set, 80.09 chs. By 2d set, 79.91 chs.; the mean of which is
80.00	Set a sandstone 18 x 8 x 5 ins . 12 ins. in the ground for standard cor. of Sec. 34 and 35; marked S C on N, with 2 grooves on E. and 4 grooves on W. faces. And raised a mound of stone 2-1/2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.  Land, mountainous; Soil, rocky, 4th rate; No timber; Mountainous land, 80 chs.
	-----
	West on South Boundary of Section 34. Descending rolling west slope of mountain.
6.00	Cross wash 20 lks. wide, course S.W.
13.80	Cross wash 15 lks. wide, course S.W.
25.00	Cross wash 30 lks. wide, course S.W.
36.05	Cross wagon road, brs. N. and S.

-10-

Second Standard Parallel North through Range 10 East

Chains	<p>Difference bet. measurements of 40 chs. by two sets of chainmen, is 20 lks; position of middle point,</p> <p>By 1st set, 39.90 chs;</p> <p>By 2d set, 40.10 chs; the mean of which is</p>
40.00	<p>Set a granite stone 18 x 10 x 7 ins. 12 ins. in the ground, for standard 1/4 Sec. cor.; marked S C 1/4 on N. face, and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of corner. Pits impracticable.</p>
45.00	<p>Cross wash 30 lks, course S.</p>
54.50	<p>Cross wash 20 lks. course S.</p>
56.50	<p>Cross wash 25 lks. wide, course S.</p>
75.65	<p>Cross wash 25 lks. wide, course S.W.</p>
	<p>Difference bet. measurements of 80 chs. by two sets of chainmen, is 8 links; position of middle point,</p> <p>By 1st set, 79.96 chs;</p> <p>By 2d set, 80.04 chs; the mean of which is</p>
80.00	<p>Set a sandstone 18 x 10 x 4 ins., 12 ins. in the ground for standard cor. of Secs. 33 and 34; marked S C on N. with 3 grooves on E. and W faces, and raised a mound of stone 2 ft. base 1-1/2 ft. high N. of cor. Pits impracticable.</p> <p>Land, mountainous;</p> <p>Soil, rocky, 4th rate;</p> <p>No timber;</p> <p>Mountainous land, 80 chs.</p> <p>Oct. 17:</p> <p>At this cor. I set off 9° 17-1/2' S. on the decl. arc and observed the sun on the meridian at noon; the resulting lat. is 34° 4-1/2' N. ✓</p> <hr/> <p>West on South Boundary of Section 33.</p> <p>Descend over rolling mountains.</p>
15.15	<p>Brodie's house brs. N. 80° W.</p>
19.75	<p>Cross gulch, course S.W. 15 lks. wide.</p>
20.00	<p>Across Rye Creek, dry, 1 ch. wide, course, S.E.</p>
24.00	<p>Through dense brush and scattering timber.</p> <p>Difference bet. measurement of 40 chs. by two sets of chainmen, is 14 lks.; position of middle point,</p>

## Second Standard Parallel North through Range 10 East.

Chains.	
	By 1st set, 40.07;chs.;
	By 2d set, 39.93 chs.; the mean of which is
40.00	Set a quartzite stone 18 x 6 x 4 ins. 12 ins in the ground for standard 1/4 sec. cor., marked S C 1/4 on N. face , from which A sycamore 6 ins. in diam. brs. N. 65° E. 141 lks. dist. marked S C 1/4 S 33 B T .
41.25	,Old road brs. N and S.
43.00	Brodie's house brs. N <i>10 ch.</i>
45.45	Old road brs. N. and S.
48.55	Road from Globe to Payson brs. N.E and SW.
52.90	Fence brs. N and S.
64.75	Fence brs. N. and S.
73.00	Cross dry creek, 50 lks. wide, course N.E. Difference bet. measurement of 80 chs. by two sets of chainmen is 16 lks.; position of middle point By 1st set, 79.92 chs; By 2d set, 80.08 chs.; the mean of which is
80.00	Set a lava stone 18 x 8 x 6 ins. 12 ins. in the ground for standard cor. of Secs. 32 and 33. Marked S C on N. with 4 grooves on E. and 2 grooves on W faces. and raised a mound of stone, 2 ft. base 1-1/2 ft. high N of cor. Pits impracticable. Land, mountainous; Soil, rocky, 4th rate; Timber, a few sycamores ; Underbrush, cat claw and arrow weed; Mountainous land or land covered with dense undergrowth, 80 chs.
	<hr/> West on South Boundary of Section 32. Ascend over rolling mountains. Difference bet. measurements of 40 chs, by two sets of chainmen, is 8 lks.; position of middle point By 1st set, 39.96 chs; By 2d set, 40.04 chs. ; the mean of which 40 chs.,

Second Standard Parallel North through Range 10 East.

Chains

falls in wash, therefore, at 39.20 , set a lava stone 24 x 6 x 6 ins. 18 ins. in the ground for witness cor. to standard 1/4 sec. cor.; marked W C S C 1/4 on N. face; from which

A mesquite 12 ins. diam. brs. N. 10° W. 146 lks. dist. marked W C S C 1/4 S 32 B T .

40.00 Cross wash 20 lks. wide, course N E.

73.50 Cross dry wash, course N.E., 15 lks. wide.

77.20 Cross wash 20 lks. wide, course N.E.

Difference bet. measurement of 80 chs. by two sets of chainmen is 16 lks; position of middle point,

By 1st set 79.92 chs;

By 2d set, 80.08 chs.; the mean of which is

80.00 Set a sand stone 18 x 12 x 5 ins. 12 ins. in the ground for standard cor. of Secs. 31 and 32; marked S C on N. with 5 grooves on E and 1 groove on W faces; from which

A cedar 4 ins. in diam brs. N. 30-1/2 ° W. 59 lks. dist. marked S C T 9 N R 10 E S 31 B T .

A cedar 6 ins. in diam. brs. N. 21 ° E. 54 lks. marked S C T 9 N R 10 E S 32 B T .

Land, mountainous;

Soil, rocky, 4th rate;

Timber, a few scattering cedars;

Underbrush, oak.

Mountainous land, 80 chs.

West on South Boundary of Section 31.

Ascend over rolling mountains through scattering cedar timber.

5.20 Cross wash 20 lks. wide, course N E .

25.50 Cross wash 15 lks. wide, course N.E.

Difference bet. measurements of 40 chains by two sets of chainmen, is 6 lks; position of middle point,

By 1st set. 40.03 chs;

By 2d set, 39.97 chs; the mean of which is



Second Standard Parallel North through Range 10 East.

Chains

40.00 Set a sand stone 18 x 10 x 6 ins. 12 ins. in the ground for standard 1/4 sec. cor.; marked S C 1/4 on N. face; from which

A cedar 5 ins. in diam. brs. N. 51-3/4° E. 194 lks. dist. marked S C 1/4 S 31 B T .

Difference bet. measurement of 80 chs. by two sets of chainmen is 18 lks; position of middle point,

By 1st set, 80.09 chs;

By 2d set, 79.91 chs; the mean of which is

80.00 Set a granite stone 18 x 10 x 8 ins. 12 ins. in the ground for standard cor. of Tp. 9 N Rs. 9 and 10 E. Marked S C on N, with 6 grooves on E. W. and N. faces; from which

A mesquite 4 ins in diam. brs. N. 26-1/4 ° E 64 lks dist., marked S C T 9 N R 10 E S 31 B T ;

An oak 4 ins. in diam. brs. N 58° W. 189 lks. dist. marked T. 9 N. R. 9 E. S. 36 B.T.

Land, mountainous;

Soil, rocky, 4th rate;

Timber, cedar;

Underbrush, mesquite, cat claw and oak;

Mountainous land, or land covered with dense undergrowth, 80 chs.

GENERAL DESCRIPTION:

Through Ranges 10 and 11, East, this line runs across mountainous land and portions of range 11, E. is covered with dense brush and undergrowth, with scattering pinon cedar and oak timber. The soil is rocky and fourth class.

October 17, 1904.

*John J. Fisher*

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

BOOK 2062

LIST OF NAMES.

A list of the names of the individuals employed by John J. Fisher, 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 Second Standard Parallel North through Ranges 10 and 11 E. showing the respective capacities in which they acted:

W. W. Oliver, Chairman.

E. O. Hemenway, Chairman.

Moundman.

Moundman.

A. A. Snyder, Chairman.

W. H. Post, Chairman.

Joseph Groves, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John J. Fisher, United States Deputy Surveyor, in surveying all those parts or portions of the Second Standard Parallel North through Ranges 10 and 11 E

of the Gila and Salt River meridian, Territory 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. W. Oliver, Chairman.

E. O. Hemenway, Chairman.

Moundman.

Moundman.

A. A. Snyder, Chairman.

W. H. Post, Chairman.

Joseph Groves, Flagman.

Subscribed and sworn to before me this 17 day of October, 1904

J. J. Fisher  
Notary Public



My commission expires  
May 17, 1904

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

107

BOOK 2062

I, John J. Fisher, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 17 day of June, 1904, 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 the Second Standard Parallel North through Ranges 10 and 11 E.

of the Gila and Salt River meridian, in the Territory 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.

John J. Fisher  
United States Deputy Surveyor.

Subscribed by said John J. Fisher, and sworn to before me }  
this 10<sup>th</sup> day of February, 1905, 190

Frank S. Ingalls  
U. S. Surveyor General  
for Arizona



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., May 1<sup>st</sup>, 1905

The foregoing field notes of the survey of the Second Standard Parallel North through Ranges 10 and 11 East, of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

executed by John J. Fisher, U. S. Deputy Surveyor under his contract No. 120, dated June 17, 1904, 190, 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.