

Exterior  
BOOK "I"

2536

BOOK 2536

FIELD NOTES

OF THE SURVEY OF THE

*East and North Boundaries of P.P. No. 25  
No. Range No. 15 East.*

*Of the Gila and Salt River Base and Meridian,*

*in the Territory of Arizona*

EXECUTED  
AS SURVEYED BY

*Sidney E. Blount*

United States ~~Deputy Surveyor~~

*Examiner of Surveys*

*Special Instructions from the Commissioner of the General Land Office  
Under his Contract No. , dated Oct. 2<sup>nd</sup> 1907 and May 15<sup>th</sup> 1908*

Survey commenced *October 27<sup>th</sup>* , 1908

Survey completed *November 3<sup>rd</sup>* , 1908

NAMES AND DUTIES OF ASSISTANTS.

Fred L. Warner Chairman

Ralph N. Westrand Chairman

Jay E. Jellick Chairman

Chas. L. Shumway Woundman

Robt. E. Claborn Flagman

Harry Lakes May Flagman

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B

BOOK 2536

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Township *No. 25 N.*, Range *No. 15 E.*

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BOOK 1000

PRELIMINARY OATHS OF ASSISTANTS.

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

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



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 \_\_\_\_\_, 19 \_\_\_\_\_ }



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

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



I, \_\_\_\_\_, 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 \_\_\_\_\_

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



See Exterior Book "K"

Survey Commenced October 27<sup>th</sup> 1908 and executed with a Young and Sons light mountain transit No. 10, with a Smith's solar attachment; the horizontal limb is provided with two double verniers, placed opposite to each other reading to single minutes of arc, which is also the least crank of the vernier of the latitude and declination arcs.

Determine the adjustments of the transit and correct the level and collimation errors, 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. Proceed as follows.

At my Camp which is located at "Big Barro Spring" near the Cor. of sec 1, 6, 7 and 12 on the E. bdy of Twp. 26 N. R 16 E. Latitude  $35^{\circ}40' N$ . Longitude  $110^{\circ}34'38'' W$ . Set off  $35^{\circ}40' N$  on the lat. arc,  $12^{\circ}51' S$  on the decl. arc and at  $4^h 45^m$  p.m. l.m.l. determine a meridian with the solar and mark a point thereof by a nail driven in a stake set in the ground 5.00 ch. N. of my instrument.

At  $5^h 39^m$  p.m. l.m.l. by my watch which is correct. local mean time I observe Polaris in accordance with instructions in the manual and mark a point in the direction thus determined by a tack driven in a stake set 5.00 ch. N. of my instrument.

Astron. time of Obs. Oct. 27 <sup>th</sup> 1908.	5 <sup>h</sup> 39 <sup>m</sup>
Equivalent to time of Oct 26 <sup>th</sup>	29 35
Astron time U.C. Polaris Oct 15 Table 5 Part 1.	11 50.6
Reduction to Oct. 26 (Part III) subtract	<u>43.2</u>
	11 07.4 Subtract 11 07.4
Hour angle of Polaris at Observation	18 27.6
Subtract from	23 56.1
Prime Argument for Problem	5 28.5
Azimuth of Polaris at Observation	$1^{\circ} 26\frac{1}{2}' E$ .

October 27<sup>th</sup> 1908.

October 28<sup>th</sup> 1908, At  $6^h 30^m$  a.m. l.m.l. I lay off the azimuth of Polaris  $1^{\circ} 26\frac{1}{2}'$  to the west and mark the meridian thus determined by a tack driven in the stake already set 5.00 ch. N. of my instrument, on which the meridian falls 0.25 in east of the point determined by the solar

At  $7^h 45^m$  a.m. l.m.l. I set off  $35^{\circ}40' N$  on the lat. arc.  $13^{\circ}04\frac{1}{2}' S$  on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5.00 ch. N. of my instrument

East boundary of T<sub>1</sub> 25 N. R<sub>15</sub> E.

This point falls 0.4 ins east of the meridian established by the  
Polaris observations

The solar apparatus by p.m. and a.m. observations defines  
positions for meridians respectively about 0'13" west and  
0'21" East of the meridian established by the Polaris  
observation therefore I conclude that the adjustments of  
the instrument are satisfactory

I begin at the Standard Cor. of T<sub>1</sub> 25 N. R<sub>15</sub> and 16 E.  
which is a lime stone 40 x 10 x 6 ins loosely set marked  
marked S.E. on N. face with 6 grooves on N.E. and W. faces  
with a trace of pits and mound of earth. Latitude  $35^{\circ}30'35''$  Long.  
 $110^{\circ}41'22''$  W. This Cor being in a state of disrepair I re establish  
it in its original position as follows: Set the same  
stone 30 ins. in the ground for stand cor. of T<sub>1</sub> 25 N. R<sub>15</sub>  
15 and 16 E., marked S.E. on N. face, with 6 grooves on N.E.  
and W. faces.

Dig pits 30 x 24 x 12 ins crosswise on each line E and W.  
4 ft. and N. of stone 8 ft. dist. and raise a mound of earth  
5 ft. base 2 1/2 ft. high. N. of cor.

At 10<sup>h</sup> 30<sup>m</sup> am. I set off  $35^{\circ}30\frac{1}{2}'$  N. on the lat. arc.  
 $13^{\circ}08\frac{1}{2}'$  S. on the decl. arc. and determine a meridian with  
the solar at the above described N. cor. Hence I run:

North, Sec. 31 and 36,

Ascend SW. slope of sand ridge over hilly land through sage  
brush undergrowth and scattering bunch grass.

1.50 Top of sand ridge bears N.E. and S.W., desc N.W. slope over  
rolling sandy land.

40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the  
ground for 1/4 sec. cor. marked on brass Cop T 536 on W.  
half and 531 on E. half

Dig pits 18 x 18 x 12 ins N and S. of post 3 ft. dist and raise  
a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

80.00 Set an iron post 4 ft. long 3 ins. in diam. 36 ins in the  
ground for cor. of sec. 25, 30, 31 and 36 marked on  
brass Cop T 25 N. on N. half, T 15 E S 25 in N.W. T 16 E  
S 30 in N.E. S 31 in S.E. and S 36 in S.W. quadrant.

Dig pits 18 x 18 x 12 ins. in each. sec. 5 1/2 ft. dist. and raise  
a mound of earth 4 ft. base 2 ft. high. W. of cor.

Land hilly.

Soil sandy 3rd rate.

November

Chains

North, bet. secs. 25 and 30,  
Descend N.W. slope over hilly sandy land through scattering  
sage and greasewood bush undergrowth and bunch grass.

17.25 Descend hilly sandy land bears N.E. and S.W. enter level adobe  
land bears N.E. and S.W.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground,  
for  $\frac{1}{4}$  sec cor marked on brass cap  $\frac{1}{4}$  S 25 on W. half and  
S 30 on E half.

80.00 Dig pits 18 X 18 X 12 ins. N and S. of post. 3 ft. dia and raise  
a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high. W. of cor.

Set an iron post 4 ft. long 3 ins. in diam 36 ins. in the  
ground for cor. of secs. 19, 24, 25 and 30. marked on  
brass cap T 25 N. on N. half. T 15 E S 24 in N.W. T 16 E S 19  
in N.E. S 30 in S.E. and S. 25 in S.W. quadrants.

Dig pits 18 X 18 X 12 ins. in each. sec.  $5\frac{1}{2}$  ft. dia and raise  
a mound of earth 4 ft. base 2 ft. high. W. of cor.

NOTE. At this cor I set off  $13^{\circ}10'S$  on the decl. arc and at  
noon observed the sun on the meridian and obtain on  
the lat. arc a reading of  $35^{\circ}32'N.$

Land level and hilly.  
Soil sandy and adobe 3<sup>rd</sup> rate.  
No timber

North, bet. secs. 19 and 24,  
Over level adobe bottom land, through sage and  
greasewood bush undergrowth and bunch grass.

40.00 Set an iron post. 3 ft. long 1 in in diam. 26 ins. in the  
ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 24 on  
W half. and S 19 on E half.

66.25 Dig pits 18 X 18 X 12 ins. N and S. of post. 3 ft. dia, and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high.  
W. of cor.

77.80 Dry run 25 lbs. wide banks 4 ft. high. Course N.W.

80.00 Old road bears N.E. and S.W.  
Set an iron post 4 ft. long 3 ins. in diam. 36 ins.  
in the ground for cor. of secs. 18, 19 and 24  
marked on brass cap T 25 N. on N. half, T 15 E.  
S 13 in N.W. T 16 E S 18 in N.E. S 19 in S.E. and S 24 in  
S.W. quadrants.

Dig pits 18 X 18 X 12 ins. in each. sec.  $5\frac{1}{2}$  ft. dia and  
raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.  
Land level.

Soil adobe 3<sup>rd</sup> rate.  
No timber

North, Ch. sees 13 and 18,

Over level adobe bottom land through sage and greasewood brush undergrowth

21.25 Intersect. left bank of the Placca Wash. 20 ft. high bank N.E. and S.W.

22.25 Bottom of wash. dry Course S.W.

27.00 Right bank of the Placca Wash. 20 ft. high. bank N.E. and S.W.

35.25 Road from Winslow Arizona to Placca Arizona bank N.E. and S.W.

40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 in. in the ground for 4 sec. cor. marked on brass cap  $\frac{1}{4}$  S13 on W. half and S18 on E. half.

Dig pits 18x18x12 in. N and S of post. 3 ft. dish and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high. W. of cor.

62.00 Over level adobe bottom land bank N.E. and S.W. enter hilly sandy land bank N.E. and S.W. and S.E. slope

80.00 Set an iron post 4 ft. long 3 in. in diam. 36 in. in the ground for cor. of sees. 7, 12, 13 and 18 marked on brass cap T25 N. on N. half, T15 E S12 in NW. R16 E.

S7 in N.E. S18 in S.E. and S13 in S.W. quadrants.

Dig pits 18x18x12 in in each sec. 5 $\frac{1}{2}$  ft. dish and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor. Land level and hilly.

Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.

No timber

North, Ch. sees 7 and 12,

ascend S.E. slope over hilly sandy land through sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 in. in the ground for 4 sec. cor. marked on brass cap  $\frac{1}{4}$  S12 on W. half and S7 on E. half.

Dig pits 18x18x12 in. N and S of post. 3 ft. dish and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.

75.00 Top of sand ridge bank NW and S.E. desc.

80.00 Set an iron post. 4 ft. long 3 in. in diam. 36 in. in the ground for cor. of sees. 1, 6, 7 and 12. marked on brass cap. T25 N. on N. half. T15 E S1 in NW. R16 E S6 in N.E. S7 in



## East boundary of Twp 25 N. R 15 E.

chains

5

S.E. and S 12 in S.W. quadrant.

Dig pits 18 x 18 x 12 ins. in each. rec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land hilly

Soil sandy 3<sup>rd</sup> rate.

No timber

North, beh. sees, 1 and 6,

Descend N.E. slope over rolling sandy land through sage and greasewood bush undergrowth and bunch grass.

2.25 Foot of descent in depression at foot of sand stone cliffs bears N.E. and S.W., ascend abruptly over stony land.

5.00 Top of cliffs 75 ft. high. bears N.E. and S.W., desc. N.E. slope.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 1 on W half and S 6 on E half.

Dig pits 18 x 18 x 12 ins N and S. of post. 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

40.25 Foot of descent in depression bears N.E. and S.W. ascend S.W. slope of sand ridge.

54.25 Top of sand ridge bears N.W. and S.E. desc.

80.00 Set an iron post 4 ft. long 3 ins. in diam 36 ins. in the ground for cor. of Twp 25 and 26 N. R 15 and 16 E. marked on brass cap T 26 N. on N half, T 25 N on S half. R 15 E. S 36 in N.W. T 16 E. S 31 in N.E., R 16 E S 6 in S.E. and R 15 E S 1 in S.W. quadrant.

Dig pits 24 x 24 x 12 ins on line N.E. and W. 4 ft. and S. of post. 8 ft. dist. and raise a mound of earth 5 ft. base 2 1/2 ft. high. S of cor

Land hilly

Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.

No timber.

October 23<sup>rd</sup> 1908.

NOTE: The final affidavits of assistants employed in the survey of this line will be found in Book O. of of extensions.

Survey commenced November 2<sup>nd</sup> 1908 and executed with a Young and Sons light mountain transit No. 10 with a Smith Solar attachment, the horizontal limb is provided with two double verniers reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arcs.

Examine the adjustments of the transit and find them to be perfect, and know from recent tests of the solar apparatus, by comparing the results of observations made on the sun during a.m. and p.m. hours with a meridian established by observations on Polaris, that the instrument is in satisfactory adjustment therefore I proceed to the Cor. of Tps. 25 and 26 N. R's 15 and 16 E, <sup>hereinbefore described</sup> which I established October 28<sup>th</sup> 1908, Latitude  $35^{\circ}35'48''$  N., Longitude  $110^{\circ}41'22''$  W and at 8<sup>h</sup> 30<sup>m</sup> a.m. l.m.c. set off  $35^{\circ}35\frac{3}{4}'$  N on the lat. arc  $14^{\circ}43'$  S. on the decl. arc. and determine a meridian with the solar. Thence I run,

Wash, on a random line along the N. bdy of Tps 25 N. R 15 E, setting temp.  $\frac{1}{4}$  sec. and sec. cor. at intervals of 40.00 ch. and at 480.78 ch. Intersect the W. bdy of the Tps. 84 <sup>ch. S. of the Cor. of Tps. 25 and 26 N. R's 14 and 15 E, <sup>described in Exterior Book "J"</sup> which I established October 31<sup>st</sup> 1908.</sup>

The falling answers to a correction of  $0^{\circ}6'$  or 14 lbs N. per mile counting from the N.E. cor. of the Tps; therefore, I run,

S 89<sup>o</sup> 54' E, 6<sup>th</sup> sec 6 and 31., marking the true line. Over level adobe bottom land through sage and greasewood brush undergrowth, sacaton and bunch grass.

40.78 Set an iron post 3 ft. long 1 in in diam. 26 ins in the ground for  $\frac{1}{4}$  sec. cor. marked on brass Cop  $\frac{1}{4}$  531 on N. half and 56 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.

66.13 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.

77.28 Right bank of the Oraibi Wash. 20 ft. high bears N.E. and S.W.

77.77 Center of Wash (dry) course S.W.

77.78 Left bank of the Oraibi Wash. 20 ft. high bears N.E. and S.W. thence over level lands.

80.78. Set an iron post 4 ft. long 3 ins in diam. 36 ins. in the ground for cor of sec. 5, 6, 31 and 32. marked on brass

Behrens

7

Cap. T 15 E. on E half. T 26 N. S. 32 in N.E. T 25 N. S. 5 in S.E. S 6 in S.W. and S 31 in N.W. quadrant.

Dig pits 18x18x12 ins. in each. sec 5 1/2 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.

Land level.

Soil adobe 2<sup>nd</sup> rate.

No timber.

S 89° 54' E., bet. sees 5 and 32,

Over level sandy and adobe land through sage and greasewood bush undergrowth and scattering sacaton and bunch grass.

3.00 Dry sand wash. 20 lbs. wide 4 ft. deep. Course S.W.

25.40 Road from Winslow Arizona to Oraibi Arizona bears N.E. and S.W.

40.00 Set an iron post. 3 ft. long 1 in in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass Cap 1/4 S 32. on N. half and S 5 on S half

Dig pits 18x18x12 ins E. and W. of post. 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. N. of cor.

76.55 Dry sand wash. 25 lbs. wide 1 ft. deep course S.W.

80.00 Set an iron post. 4 ft. long 3 ins in diam 36 ins in the ground for cor. of sees 4, 5, 32 and 33. marked on brass. Cap. T 15 E on E. half T 26 N. S 33 in N.E.

T 25 N. S 4 in S.E. S 5 in S.W. and S 32 in N.W. quadrant.

Dig pits 18x18x12 ins. in each. sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.

Land level.

Soil sandy and adobe 2<sup>nd</sup> and 3<sup>rd</sup> rate.

No timber

S 89° 54' E., bet. sees 4 and 33,

Over level sandy and adobe land through sage and greasewood bush undergrowth and scattering bunch grass.

26.00 Level sandy and adobe land bears N.E. and S.W. enter hilly sandy land bears N.E. and S.W. ascend. N.W. slope.

27.00 Dry ravine in bend from S.E. to S.W.

30.00 The same ravine course S.W. asc.

36.40 Top of sand ridge bears N.W. and S.E. desc.

38.70 The same ravine course N.W. cor.  
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass Cop  $\frac{1}{4}$  S. 33 on N. half and S 4 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.

51.00 Top of sandstone bluff trans. N.E. and S.W.

80.00 Set an iron post 4 ft. long 3 ins. in diam. 36 ins. in the ground for cor. of sec. 34 33 and 34 marked on brass Cop. R 15 E on E. half. T 26 N. S. 34 in N.E. T 25 N. S 3 in S.E. S 4 in S.W. and S 33 in N.W. quadrant.  
 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.

Land level and hilly.

Soil sandy and adobe 3<sup>rd</sup> rate.

No timber.

November 2<sup>nd</sup> 1908

Nov. 3<sup>rd</sup> 1908 at 8:45 a.m. 1. mt. set off  $35^{\circ} 35\frac{1}{4}'$  N. on the lat. arc,  $15^{\circ} 03'$  S. on the decl. arc and determine a meridian with the solar. at the cor. of sec. 34 33 and <sup>above described</sup> 34. Thence I run,

$859^{\circ} 54' E.$ , bet. sec. 3 and 34,

Ascend N.W. slope over hilly sandy land. through sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass Cop  $\frac{1}{4}$  S 34 on N. half. and S. 3 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.

80.00 Set an iron post 4 ft. long 3 ins. in diam. 36 ins. in the ground for cor. of sec. 2. 3. 34 and 35 marked on brass Cop R 15 E on E. half T 26 N. S 35 in N.E. T 25 N. S 2 in S.E. S 3 in S.W. and S 34 in N.W. quadrant.

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.

Land hilly

Soil sandy 3<sup>rd</sup> rate.

No timber

S89°54'E, bet. Secs. 2 and 35,

Ascend NW slope over hilly sandy land through sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 35 on N half, and S 2 on S half.

Dig pits 18 x 18 x 12 ins. E and W. of post, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.

41.00 Top of ascent on sand ridge bears NE and SW. desc over S.E. slope

80.00 Set an iron post 4 ft. long, 3 ins. in diam. 36 ins. in the ground for cor. of secs. 1, 2, 35 and 36. marked on brass cap. T15 E on E half. T26 N, S36 in N.E. T25 N, S1 in S.E. S2 in SW. and S35 in NW. quadrant.

Dig pits 18 x 18 x 12 ins. in each. sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.

Land hilly.

Soil sandy 3rd rate.

No timber

S89°54'E, bet. sec 1 and 36.

Descend over hilly sandy land through sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 36 on N half and S1 on S half.

Dig pits 18 x 18 x 12 ins. E and W. of post, 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. N. of cor.

80.00 Intersect the cor. of Pps. 25 and 26 N, R15 and 16 E, hereinbefore described.

Land hilly

Soil sandy 3rd rate.

No timber

Witness her 27<sup>th</sup> 1909

The final affidavits of assistants will be found in Book C of Exhibits.

Boundaries of Twp 25 N. R 15 E.  
 Latitudes Departures and Closing Errors.

Line Designated	Bearing	Distance chs.	Latitudes		Departures	
			N. chs.	S chs.	E chs.	W chs.
South Boundary (6 <sup>th</sup> Standard Parallel 21)	Westerly	481.98				481.98
West Boundary	North	480.00	480.00			
North Boundary	S 89° 54' E	480.78		0.84	480.78	
East Boundary	South	480.00		480.00		
Convergency Total					0.51	
			480.00	480.84	481.29	481.98
				480.00		481.29
		Errors in Lat.		0.84		
		Error in Dep.				0.69

General Description.

This township is hilly in the central portion rolling and level in the N.W. and S.E. portions. The soil is a sandy loam, producing good grass over the hilly portions of the Twp. and there is some good farming land along the Placca Wash. which flows through the south eastern part and along the Craib Wash. which flows through the N.W. part of the township.

The township has no permanent water and no timber is found within the boundaries. The township should be subdivided.

Orduy E. Blouh.  
 U.S. Examiner of Surveys

November 3<sup>rd</sup> 1908

U.S. EXAMINER OF SURVEYS  
FINAL OATHS OF ~~DEPUTY SURVEYOR~~ AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Sidney E. Blount

U.S. Examiner of Surveys

~~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 East and

North bds. of Tp. 25 N. - R. 15 E. of the Gila and Salt River Base and Meridian,

in the Territory of Arizona.

showing the respective capacities in which they acted:

Fred L. Warner

Chainman.

Ralph J. Westrand

Chainman.

Jay E. Jellick

Chainman  
Moundman.

Chas. L. Shumway

Moundman.

Robt. E. Claborne

Flagman  
Arman.

Harvey Lake Ray

Flagman?  
Arman.

Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

", United States Deputy Surveyor, in surveying all

those parts or portions of the

*See Interior Book "O"*

of the

meridian,

of

, 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

Chainman.

Chainman.

Moundman.

Moundman.

Arman.

Arman.

Flagman.

Subscribed and sworn to before me this

day of \_\_\_\_\_, 19



EXAMINER OF SURVEYS  
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR:  
(Same applies to Exterior Books C, D, E, F, H and K)

I, Sidney F. Blout, United States ~~Deputy Surveyor~~ <sup>Examiner of Surveys</sup>, do solemnly swear that, in pursuance of ~~a contract~~ <sup>Special Instructions</sup> received from the Commissioner of the ~~United States Surveyor General~~ <sup>Land Office</sup>, bearing date of the 2nd day of October 1907 and 15th day of May, 1908, 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~~ <sup>Commissioner of the</sup> ~~Land Office~~, the Manual of Surveying Instructions, and the laws of the United States, surveyed <sup>or resurveyed</sup> all those parts or portions of the East and North bdrs. of Tps. N<sup>o</sup> 25 N., Ranges 15 and 21 East, the North bdrs. of Tps. 25 N., Ranges 16 and 20 East, and the East bdrs. of Tps. 25 N., Ranges 17, 18 and 19 East

River Base and Meridian, in the Territory of Arizona, which are represented in the ~~and notes in Exterior Books C, D, E, F, H and K~~ <sup>or resurveyed</sup> 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, <sup>or resurveyed</sup> have been established, <sup>or reestablished</sup> and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~United States Surveyor General~~ <sup>Commissioner of the</sup> ~~Land Office~~ and in the specific manner described in the field notes, and that the foregoing <sup>and notes in Exterior Books C, D, E, F, H and K</sup> are the original field notes of such surveys and resurveys.

Sidney E. Blout  
United States Deputy Surveyor.  
Examiner of Surveys.

Subscribed by said Sidney E. Blout, and sworn to before me }  
this 14<sup>th</sup> day of March, 1911

Frank S. Ingalls  
SURVEYOR GENERAL OF ARIZONA



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona APR 25, 1914

The foregoing field notes of the survey of the

East and North boundaries of

Township N<sup>o</sup> 25 North, Range N<sup>o</sup> 15 East  
of the Gila and Salt River Base and Meridian, Arizona.

executed by Sidney F. Blout - U.S. Examiner of Surveys  
under ~~his contract No.~~ <sup>Special Instructions from the Commissioner of the General Land Office</sup>, dated October 2, 1907 and May 15, 1908, ~~19~~, 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.  
SURVEYOR-GENERAL OF ARIZONA

~~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.~~