

Exterior  
**BOOK "L"**

2539

BOOK 2539

**FIELD NOTES**

OF THE SURVEY OF THE

East and North boundaries of Twp. 25 N. R. 13 E.

Of the Gila and Salt River Base and Meridian,  
in the Territory of Arizona

**EXECUTED  
AS SURVEYED BY**

Sidney E. Blouk, Examiner of Surveys  
United States Deputy Surveyor,  
Special Instructions from the Commissioner of the General Land Office  
Under this Contract No. \_\_\_\_\_, dated Oct. 2<sup>nd</sup> 1907 and May 15<sup>th</sup> 1908

Survey commenced Oct 29<sup>th</sup> 1909 ~~190~~

Survey completed Feb 9<sup>th</sup> 1910 ~~190~~

NAMES AND DUTIES OF ASSISTANTS.

|                          |                   |
|--------------------------|-------------------|
| <i>David L. White</i>    | <i>Compassman</i> |
| <i>Fred L. Warner</i>    | <i>Chairman</i>   |
| <i>Earl Albright</i>     | <i>Chairman</i>   |
| <i>R. Y. White</i>       | <i>Chairman</i>   |
| <i>William R. Carson</i> | <i>Woundman</i>   |
| <i>Ralph C. Sampson</i>  | <i>Flagman</i>    |

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BOOK 2539

INDEX DIAGRAM.

Township 25 North, Range 13 East

|    |    |    |    |    |    |   |
|----|----|----|----|----|----|---|
| 6  | 5  | 4  | 3  | 2  | 1  | 5 |
| 7  | 8  | 9  | 10 | 11 | 12 | 4 |
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Meanders Page \_\_\_\_\_

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 \_\_\_\_\_, 190



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, \_\_\_\_\_ 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 \_\_\_\_\_, 190



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 \_\_\_\_\_, 190



SEE Exterior Book "M"

Survey commenced October 29<sup>th</sup> 1909 and executed with a W<sup>est</sup> L. E. Gurley engineers transit No. 76 provided with a Bush Solar attachment, the horizontal limb is provided with one double vernier reading to single minutes of arc, the verniers of the latitude and declination arcs reading to 0' 30" of arc. I 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 observation on Polaris that the instrument is in satisfactory adjustment, therefore begin at the Standard Cor. of T<sub>25</sub>N. R<sub>13</sub>E. and 14 E. which is established October 28<sup>th</sup> 1909, <sup>and described in Standard Book "E"</sup> latitude 35° 30' 35" N. Longitude 110° 54' 09" W.

At 1<sup>h</sup> 30<sup>m</sup> p.m. <sup>1.00</sup> set off 35° 30' 35" N. on the lat. arc 13° 26' S. on the decl. arc and determine a meridian with the solar, there I run,

North, Sec. 31 and 36,

Over level sandy land through sage and greasewood brush undergrowth and bunch grass.

4100 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for  $\frac{1}{4}$  sec. cor. marked on brass cap  $\frac{1}{4}$  S 36 on W half and S 31 on E. half.

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

4200 Near level land bears N.E. and S.W. enter rolling land bears N.E. and S.W. ascend gradually over S.W. slope.

8000 Set an iron post 3 ft. long 3 in. in diam. 24 in. in the ground for cor. of Sec. 25, 30, 31 and 36, marked on brass cap T 25 N. on N. half. T 13 E S 25 in N.W. T 14 E S 30 in N.E. S 31 in S.E. and S 36 in S.W. quadrants.

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

Land level and rolling.

Soil sandy and a little 3<sup>rd</sup> rate.

No timber

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- North, Secs. 25 and 30,  
 Ascend S.W. slope over rolling sandy land through sage and  
 greasewood brush undergrowth and bunch grass.
- 15.53 Road bears N.E. and S.W. leads to Oraibi Arizona.
- 33.55 Road bears N.E. and S.W. leads to Oraibi Arizona.
- 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.  
 Dig pits 18 x 18 x 12 ins N and S. of post. 3 ft. dist and  
 raise a mound of earth 3  $\frac{1}{2}$  ft. base 1  $\frac{1}{2}$  ft. high. W. of  
 cor.
- 41.25 Dry sand wash. 20 lbs wide 2 ft deep course S.W. asc.
- 61.55 Top of sand ridge bears E and W. desc.
- 79.00 Foot of descent in depression bears E and W., drains to the  
 wash. asc.
- 80.00 Set an iron post. 3 ft. long 3 ins in diam. 24 ins in the  
 ground for cor. of sec. 19, 24, 25 and 30 marked on  
 brass cap T 25 N on W half. R 13 E. S 24 in N.W. R 14 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. dist. and  
 raise a mound of earth 4 ft base, 2 ft high. W. of cor.  
 Sand rolling.  
 Soil sandy 3rd rate.  
 No timber

- North, Secs. 19 and 24,  
 Ascend S.W. slope over rolling sandy land through sage  
 and greasewood brush undergrowth and bunch grass
- 17.35 Top of low sand ridge bears E and W. desc
- 21.60 Dry ravine course W. asc. gradually.
- 32.70 Foot of mesa leave rolling land bears E and W. ascend  
 cliffs 120 ft high over mountainous land
- 37.76 Top of cliff on S. edge of mesa, leave mountainous  
 land bears E and W. enter gravelly mesa land bears  
 E and 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  
 24 on W. half and S 19 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  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high. W.  
 of cor.

- 48.85 North edge of mesa from E and W. level gradually land from E and W., enter stony mountainous land from E and W. descend abruptly over cliffs 100 ft. high.
- 57.00 Foot of descent, leave stony mountainous land from E and W. enter rolling sandy land from E and W.
- 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24 marked on brass cap T<sub>25</sub>N. on N. half. T13E S13 in N.W. R14E. S18 in N.E. S19 in S.E. and S24 in S.W. quadrant  
Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land rolling level and mountainous.  
Soil sandy gravelly and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber  
Mountainous land 7.21 ch.

October 29<sup>th</sup> 1909

October 30<sup>th</sup> <sup>1909</sup> Ch. 8<sup>h</sup>00<sup>m</sup> a.m. <sup>1. m. t.</sup> Dep. off 85° 33' 76. on the lat. arc. 13° 40' S on the decl. arc. and determine a meridian with the solar. at the cor. of secs. 13, 18, 19 and 24 <sup>above described.</sup> Thence run,

North, bet. secs. 13 and 18,

ascend S.W. slope over hilly sandy land through scattering sage and greasewood bush, undergrowth and bunch grass

2.00 Top of sand ridge from N.W. and S.E. desc.

11.50 Dry ravine course W. are gradually.

20.00 Foot of cliffs 120 ft. high from N.W. and S.E., leave hilly land from N.W. and S.E., enter stony mountainous land from N.W. and S.E. ascend S. slope of mesa over sand stone cliffs.

24.85 Top of ascent on S. edge of mesa from N.W. and S.E., leave stony mountainous land from N.W. and S.E., enter rolling sandy mesa land from N.W. and S.E.

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 S13 on W. half and S18 on E. half.  
Dig pits 18 x 18 x 12 ins. N and S. of post. 3 ft. dia. and

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68.45 Raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.  
 Top of sand ridge bears N.E. and S.W. desc NW slope  
 78.00 Foot of descent. thence over nearly level, stony land.  
 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins in  
 the ground for cor. of sec. 7, 12, 13 and 18 marked on  
 brass cap T 25 N. on N. half, R 13 E. S 12 in NW. T 14  
 E. S 7 in N.E. S 18 in S.E. and S 13 in S.W. quadrants.  
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of  
 cor. This impracticable  
 Land rolling and mountainous.  
 Soil sandy gravelly and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber  
 Mountainous land. 485 Chs.

North Sch. sec. 7 and 12.  
 Over level sandy and stony land.  
 18.25 Leave level land bears N.W. and S.E. enter hilly sandy  
 land bears N.W. and S.E. asc SW slope  
 25.00 Top of sand ridge bears N.W. and S.E. desc  
 40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins in  
 the ground for cor. marked on brass cap  
 1/4 S 12 on W half and S 7 on E half.  
 Raise a mound of stone 2 ft. base 1 1/2 ft. high W.  
 of cor. This impracticable.  
 This cor is situated at foot of descent in depression  
 bears NW. and S.E. asc SW slope.  
 49.51 Top of sand hill bears N.E. and S.W. desc.  
 65.00 Foot of descent. leave hilly land bears N.E. and S.W. enter  
 level gravelly land bears N.E. and S.W.  
 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins in the  
 ground for cor. of sec. 1, 6, 7 and 12, marked on brass  
 cap T 25 N. on N. half, R 13 E S 8 in NW. T 14 E S 6  
 in N.E. S 7 in S.E. and S 12 in S.W. quadrants.  
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high W.  
 of cor. This impracticable  
 Land level and hilly  
 Soil sandy gravelly and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber



- Worth, Feb. Secs 1 and 6,  
 Over level sandy land through scattering sage and  
 greasewood bush undergrowth and bunch grass
- 10.00 Level land bears N.W. and S.E. enter hilly land  
 bears N.W. and S.E. asc. S.W. slope of sand ridge
- 11.80 Top of sand ridge bears N.W. and S.E. desc gradually.
- 38.60 North edge of mesa bears N.W. and N.E. Level hilly  
 land bears N.W. and N.E., enter mountainous land  
 bears N.W. and N.E. desc. Cliffs
- 39.50 Foot of desc. level mountainous land bears N.W. and  
 S.E., enter hilly sandy land bears N.W. and S.E.
- 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  
 T 51 on W half and S 6 on E half.  
 Raise a mound of stone 2 ft base  $\frac{1}{2}$  ft high W.  
 of cor. Pile impracticable.
- 52.00 Top of sand ridge bears N.E. and S.W. desc.
- 58.25 Foot of sand stone bluffs 25 ft high bears N.E. and  
 S.W.
- 68.00 Top of bluff bears N.E. and S.W. desc.
- 69.00 North edge of mesa bears N.E. and S.W. desc over  
 sandy land.
- 80.00 Set an iron post 3 ft. long 3 ins. in diam 24 ins. in  
 the ground for cor. of Tps. 25 and 26 N. R 13 and 14  
 E, marked on brass cap T 26 N. on N half and T 25  
 N. on S. half R 13 E S 36 in N.W. T 14 E S 31 in N.E.  
 R 14 E S 6 in S.E. and R 13 E S 1 in S.W. quadrants  
 Dig pits 24 x 24 x 12 ins. on line N.E. and W. 4 ft  
 and S. of post 8 ft. dia, and raise a mound of  
 earth 5 ft. base,  $2\frac{1}{2}$  ft. high S. of cor.  
 Land level hilly and mountainous.  
 Soil sandy gravelly and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber

October 30<sup>th</sup> 1909

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Survey commenced February 9<sup>th</sup> 1910 and executed with a W and L. E. Gurley Engineers transit No. 76 with a Burk solar attachment. The horizontal limb is provided with our double vernier reading to single minutes of arc., the verniers of the latitude and declination arcs read to 0' 30" of arc.,

Examine the adjustments of the transit and find them perfect. And know from recent tests of the solar apparatus, by comparing its indications resulting from solar observations made during am. and p.m. hours with a meridian determined by observations on Polaris, that the instrument is in satisfactory adjustment.

Give up the cor. of Tps. 25 and 26 N. R's 13 and 14 E. <sup>here before described</sup> which I established October 30<sup>th</sup> 1909, latitude  $35^{\circ}35'48''$  N. Longitude  $110^{\circ}54'08''$  W. and at 7<sup>h</sup> 15<sup>m</sup> a.m. <sup>limit</sup> set off  $35^{\circ}35'34''$  N. on the lat. arc  $14^{\circ}44'48''$  S. on the decl. arc and determine a meridian with the solar; Thence run,

West, on a random line, on N. side of Twp 25 N. R 13 E, setting tape  $\frac{1}{4}$  sec. and sec. chs at intervals of 40.00 chs., and at 479.50 chs. intersect the 3<sup>rd</sup> guide meridian East. 30 chs. N. of the cor. of Tps. 25 and 26 N. R's 13 and 13 E, <sup>described in Standard Book "D"</sup> which I established Feb. 8<sup>th</sup> 1910. The falling answers to a correction of 0' 02 on 5 lks. S. per mile counting from the N.E. cor. of the Twp. therefore I run,

N.  $89^{\circ}58'$  E., between sec. 6 and 31, marking the true line. Around W slope over rolling sandy land through scattering sage and greasewood brush and bunch grass.

39.50 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 to S 31 on N. half and S 6 on S half.

Dig pit 18 x 18 x 12 ins. East 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.

NOTE At this cor. set off  $14^{\circ}44'48''$  S. on the decl. arc and at noon observe the sun on the meridian, and obtain on the lat. arc a reading of  $35^{\circ}36'$  N.

70.00 Top of arc on sand ridge bears N.E. and S.W. descend gradually over S.E. slope.

79.50 Set an iron post 3 ft. long 3 in. in diam. 24 ins.

in the ground for cor. of secs. 5, 6, 31 and 32 marked out brass Cop R<sub>13E</sub> in E half, T<sub>26N</sub> S<sub>32</sub> in N.E.  
T<sub>25N</sub> S<sub>5</sub> in S.E. S<sub>6</sub> in S.W. and S<sub>31</sub> in N.W. quadrants  
Dig pits 18 X 18 X 12 ins. in each sec 5 1/2 ft. dia. and  
raise a mound of earth 4 ft. base 2 ft high W of  
cor.

Land rolling  
Soil sandy 3rd rate  
No timber

N. 89° 58' E, bet. secs. 5 and 32,

Descend gradually S.E. slope over rolling sandy land  
through scattering sage and greasewood brush,  
and bunch grass

10.45 Right bank of the De Nebito Wash. 10 ft. high.  
Cross N.E. and S.W.

11.25 Center of Wash. water alkali:

12.00 Left bank of the De Nebito Wash. 10 ft high. Cross  
N.E. and S.W. thence over rolling sandy and  
adobe land.

27.70 Old road from Leupp Indian Agency to Oraibi.  
Arizona bears N.E. and S.W.

40.00 Saw iron post 3 ft. long 1 in. in diam. 26 ins.  
in the ground for 4 sec. cor. marked out brass  
Cop T<sub>4S</sub> S<sub>32</sub> on N. half and S<sub>5</sub> on S. half  
Dig pits 18 X 18 X 12 ins. E and W. of post 3 ft. dia.  
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft.  
high W. of cor.

47.30 Old road from Leupp Indian Agency to Oraibi.  
Arizona bears N.E. and S.W.

50.00 Top of sand ridge bears N and S. descend gently  
over E. slope

80.00 Saw iron post 3 ft. long 3 in. in diam 24 ins.  
in the ground for cor. of secs. 4, 5, 32 and 33  
marked out brass Cop R<sub>13E</sub> on E half, T<sub>26N</sub>  
S<sub>33</sub> in N.E. T<sub>25N</sub> S<sub>4</sub> in S.E. S<sub>5</sub> in S.W. and S<sub>32</sub> in  
N.W. quadrants.

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

Land rolling and hilly

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Soil sandy and adobe 3<sup>rd</sup> rate  
No timber

N. 89° 58' E., bet. sec. 14 and 33,

Over rolling sandy land through scattering 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 cap T 333 on N. half and S 4 on S half  
Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft.  
dth. 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 3 ft. long 3 ins. in diam. 24 ins.  
in the ground for cor. of sec. 3, 4, 33 and 34  
marked on brass cap. T 13 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 18 x 18 x 12 ins. in each. sec. 5  $\frac{1}{2}$  ft.  
dth. and raise a mound of earth 4 ft. base, 2 ft.  
high W. of cor.

Land rolling.

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

No timber

N. 89° 58' E., bet. sec. 3 and 34,

Over rolling sandy land through scattering 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  
cap T 334 on N. half and S 3 on S. half.

Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft.  
dth. 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 3 ft. long 3 ins. in diam. 24 ins.  
in the ground for cor. of sec. 2, 3, 34 and 35  
marked on brass cap T 13 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.

Chains

North boundary of T<sub>25</sub>N<sub>36</sub>E. R13.E.

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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 rolling.  
Soil sandy 3<sup>rd</sup> rate.  
No timber

N. 89° 58' E., bet. secs. 2 and 35 -

Around N.W. slope over rolling sandy land through  
scattering sage and greasewood brush undergrowth  
and thick grass

24.40 Top of sand ridge bears N.E. and S.W. seven 32.  
steps

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins.  
in the ground for 1/2 sec. cor. marked on brass  
cap T 335 on N. half and 32 on S. half

Dig pits 18x18x12 ins. East 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.

57.60 Right bank of dry sand wash 4 ft. high. bears  
N.E. and S.W.

60.75 Left bank of wash 4 ft. high bears N.E. and S.W.

68.70 Right bank of dry sand wash 2 ft. high. bears  
N.E. and S.W.

70.75 Left bank of sand wash. bears N.E. and S.W.

Around gently over N.W. slope

80.00 Set an iron post 3 ft. long 3 in. in diam. 24 ins.  
in the ground for cor. of secs. 1, 2, 35 and 36  
marked on brass cap T 138 on E. half. T 26 N S 36  
in N.E. T 25 N S 1 in S.E. 32 in S.W. and 335  
in N.W. quadrants.

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 rolling.  
Soil sandy 3<sup>rd</sup> rate.  
No timber

N. 89° 58' E., bet. secs. 1 and 36;

Around N.W. slope over rolling sandy land through

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Scattering 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  $\frac{1}{4}$  Sec. cor. marked, on bears Cap 4 S 36 on N half and S. 1 on S. half  
 Dig pits 18x18x12 ins. E and W. of post 3 ft. dia. and raise a mound of earth 3  $\frac{1}{2}$  ft. base 1  $\frac{1}{2}$  ft. high. N. of cor.  
 5885 N. of sand ridge bears N.E. and S.W. descend gradually over S.E. slope  
 80.00 Intersect the cor. of Twp. 25 and 26 N. R's 13 and 14 E, hereinbefore described.  
 Land rolling.  
 Soil sandy 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 No timber

February 9<sup>th</sup> 1910

Boundaries of Twp 25 N. R 13 E.  
 Latitudes Departures and Closing Errors

| LINE DESIGNATED                                       | TRUE BEARING  | DISTANCE | LATITUDES     |        | DEPARTURES |        |
|---|---------------|----------|---------------|--------|------------|--------|
|   |               |          | N             | S      | E          | W      |
| South Boundary<br>(6 <sup>th</sup> Standard Parallel) | West          | 480.00   |               |        |            | 480.00 |
| West Boundary<br>(3 <sup>rd</sup> Guide Meridian E)   | North         | 480.00   | 480.00        |        |            |        |
| North Boundary  | N 89° 58' E   | 479.50   | .28           |        | 479.50     |        |
| East Boundary   | South         | 480.00   |               | 480.00 |            |        |
| Convergency   |               |          |               |        | .51        |        |
| Totals  |               |          | 480.28        | 480.00 | 480.01     | 480.00 |
|   |               |          | 480.00        |        | 480.00     |        |
|   | Error in Lat. |          | 0.28          |        |            |        |
|   |               |          | Error in Dep. |        | 0.01       |        |

General Description.  
 This township is rough and broken in the North eastern part hilly in the Central and South western portion and level in the North western part and nearly the whole of the township produces good forage for sheep and cattle. There is very little water in the township except during the rainy season, and no timber.

February 9, 1910  
 Sydney E. Blount  
 U.S. Examiner of Surveys

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

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LIST OF NAMES.

A list of the names of the individuals employed by Sidney E. Blount  
~~United States Deputy Surveyor~~ <sup>Examiner of Surveys</sup>, 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 boundaries of Twp. No. 25 N., Range No. 13, East of the G. & S. R.  
Base & Meridian, Arizona.  
 showing the respective capacities in which they acted:

- |                          |                                  |                                  |
|--------------------------|----------------------------------|----------------------------------|
| <u>And L. Warner</u>     | <u>Van L. White - Compassman</u> | Chainman.                        |
| <u>Earl Albright</u>     |                                  | Chainman.                        |
| <u>J. Y. White</u>       |                                  | <del>Chainman</del><br>Moundman. |
| <u>Ralph C. Sampson</u>  | <u>Moundman and Flagman</u>      | Moundman.                        |
| <u>Chas L. Shumway</u>   |                                  | Arman.                           |
|                          |                                  | <del>Arman.</del>                |
| <u>William R. Carson</u> | <u>Moundman and Flagman</u>      | Flagman.                         |

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blount  
~~United States Deputy Surveyor~~ <sup>Examiner of Surveys</sup>, in surveying all  
 those parts or portions of the East and North boundaries of Twp. No. 25  
N. Range No. 13 East.

of the Gila and  
Salt River Base and 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~~ <sup>executed</sup> and the  
 corner monuments established, according to the instructions furnished by the ~~United States Surveyor~~ <sup>Commissioner</sup>  
~~General for the General Land Office~~ Van L. White, Compassman  
Earl Albright and Fred Warner, Chainmen.  
J. Y. White, Chainman.  
Ralph C. Sampson and William R. Carson, Moundmen.  
Chas L. Shumway, ~~Arman~~ <sup>Moundman</sup>.  
Ralph C. Sampson and William R. Carson, Flagmen.

Subscribed and sworn to before me this 10<sup>th</sup>  
 day of February, ~~190~~ 1910

Sidney E. Blount  
 U.S. Examiner of Surveys



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12  
BOOK 2539

EXAMINER OF SURVEYS  
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, <sup>Examiner of Surveys</sup> ~~United States Deputy Surveyor~~, do solemnly swear that, in pursuance of ~~contract~~ <sup>Special Instructions</sup> received from ~~the Commissioner of the United States Surveyor General for~~ <sup>the General Land Office</sup>, bearing date of the ~~2nd day of Oct. 1907~~ <sup>and the 15th day of May</sup>, 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 for~~ <sup>of the General Land Office</sup>, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The East and North boundaries of Twp. No. 25 N., Range 13 East.

of the Gila and Salt River Base and 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~~ <sup>Commissioner</sup> of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Sidney E. Blout  
~~United States Deputy Surveyor~~  
<sup>Examiner of Surveys</sup>

Subscribed by said Sidney E. Blout, and sworn to before me }  
this 14th day of March, 1901

Frank Ingalls  
SURVEYOR-GENERAL OF ARIZONA



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona APR 25, 1904

The foregoing field notes of the survey of the

East and North boundaries of

Township N° 25 North, Range N° 13 East of the  
Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. 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, ~~1908~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank 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.~~