

Exterior  
BOOK-Q

2544 MAR 28 1911

BOOK 2544

# FIELD NOTES

OF THE SURVEY OF THE

*East and North boundaries of  
Twp. 29 North, R. 18 East*

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

*in the Territory of Arizona*

EXECUTED  
AS SURVEYED BY

*Sidney E. Stout*, United States ~~Deputy Surveyor~~ <sup>Examiner of Surveys</sup>

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

Survey commenced *January 14<sup>th</sup>*, 1909

Survey completed *January 16<sup>th</sup>*, 1909

NAMES AND DUTIES OF ASSISTANTS.

<i>Van L. White</i>	<i>Compassman</i>
<i>Jay E. Fellick</i>	<i>Chairman</i>
<i>Ralph P. Westrand</i>	<i>Chairman</i>
<i>Lafayette Jennings</i>	<i>Chairman</i>
<i>Fred L. Warner</i>	<i>Moundman</i>
<i>Chas R. Shumway</i>	<i>Clerk</i>
<i>Harvey Lake May</i>	<i>Flagman</i>

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BOOK 2944

# INDEX DIAGRAM.

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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 "P"

East boundary of Twp 29 N, R18 E.

Chains

Survey commenced January 14<sup>th</sup> 1909 and executed with a W and S. E. Gurley engineers transit no. 10 with a Burt solar attachment. The horizontal limb is provided with one double vernier reading to single minutes of arc; the verniers by the latitude and declination arc reading to 0' 30" of arc. I examine the adjustments of the transit and find them to be perfect. and knowing from recent tests of the solar, 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 it is satisfactory adjustment.

I begin at the standard cor. of Twp. 29 N. R. 18 and 19. E. re-established by me in Oct. 1908 and described in Standard Book "C" latitude 35° 51' 28" N.

Longitude 110° 21' 4" W.

Jan 14<sup>th</sup> 1909 Ab. 8<sup>h</sup> 15<sup>m</sup> a.m. l.m. - D set off. 35° 51 1/2' N. on the lat. arc. 21° 16 1/2' S on the decl. arc and determine a meridian with the solar at this cor.,

Then I run,

North by. sec. 31 and 36

Ascend abrupt rocky S. slope of mesa over mountainous land.

8.20 Top of ascent on S edge of mesa toward N.E. and S.W. leave mountainous land toward N.E. and S.W. enter rolling sandy mesa land covered with scattering sage brush undergrowth and bunch grass, toward N.E. and S.W.

40.00 Set an iron post. 3 ft. long 1 in. in diam., 26 in. in the ground for 1/4 sec. cor. marked on base of 1/4 S 36 on W. half and S 31 on E. half. Raise a mound of stone 2 ft. base, 1 1/2 ft. high. W of cor. Pits impracticable.

80.00 Set an iron post. 4 ft. long 3 in. in diam. 36 in. in the ground for cor. of sec. 25 30-31 and 36 marked on base of T 29 N. on N. half. R18 E. S 25 in N.W. R19 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 in. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft.

East boundary of Twp 29 N, R18 E

2 Chains

high W. of cor.  
Land rolling and mountainous.  
Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.  
Mountainous land 8.20 chs.

North, bet. sec 25 and 30,  
Over rolling stony mesa land. no undergrowth.  
40.00 Set an iron post 3ft long 1 in. in diam. 26 in.  
in the ground for 1/4 sec. cor marked on brass  
cap. 4 S 25 on W half and S 30 on E half.  
Dig pits 18x18x12 in. N and S of post 3ft dist.  
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft.  
high W. of cor.

40.30 Wire fence betw N.E. and S.W. enter cultivated  
land betw N.E. and S.W.

47.00 A point 4 chs. W. of stone house.

57.00 A point 5 chs. W. of Mrs Polack's house.

60.25 Wire fence betw N.E. and S.W. clear cultivated  
land betw N.E. and S.W.

80.00 Set an iron post 3ft long 3 in. in diam. 24 in.  
in the ground for cor. of sec. 19, 24, 25 and 30  
marked on brass cap T 29 N. on N half, R18 E S 24  
in N.W. R19 E S 19 in N.E. S 30 in S.E. and S 25 in  
S.W. quadrant.  
Dig pits 18x18x12 in. 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 and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

North, bet. sec. 19 and 24,  
Descend N.W. slope over rolling sandy and stony  
mesa land through scattering sage brush and  
bunch grass.  
40.00 Set an iron post 3ft. long 1 in. in diam. 26 in.  
in the ground for 1/4 sec. cor. marked out

East boundary of T<sub>29</sub>N, R<sub>18</sub>E

Chains

3

brass cap  $\frac{1}{4}$  S 24 on W half and S 19 on E. half  
 Dig pits 18x18x12 ins. N and S. of post. 3ft. dia. and  
 raise a mound of earth 3 $\frac{1}{2}$  ft. base 1 $\frac{1}{2}$  ft. high  
 W. of cor.

NOTE: - At this cor. I set off 21° 17 $\frac{1}{2}$ ' S on the decl.  
 arc. and at noon observed the  
 sun on the meridian the resulting latitude  
 being 35° 53 $\frac{1}{2}$ ' N.

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>29</sub>N. on N half., R<sub>18</sub>E S  
 13 in N.W. R<sub>19</sub>E S 18 in N.E. S 19 in S.E. and S 24  
 in S.W. quadrants.

Dig pits 18x18x12 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 rolling.

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

No timber.

North, bet. secs 13 and 18;

Over rolling sandy land through scattering  
 sage brush 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 13 on W half and S 18 on E. half  
 Dig pits 18x18x12 ins N and S. of post  
 3ft. dia. and raise a mound of earth 3 $\frac{1}{2}$  ft.  
 base, 1 $\frac{1}{2}$  ft. high W. of cor.

62.75 Begin steep descent over sand stone ledge  
 toward E and W.

68.00 Peak of bluff 40 ft. high toward N.E. and S.W.  
 thence over level sandy land toward E and W.

80.00 Set an iron post 4 ft. long 3 ins. in diam., 30  
 ins in the ground for cor. of secs. 7, 12, 13 and  
 18. marked on brass cap T<sub>29</sub>N. on N half  
 R<sub>18</sub>E S 12 in N.W. R<sub>19</sub>E S 7 in N.E., S 18 in S.E.  
 and S 13 in S.W. quadrants.

Dig pits 18x18x12 ins in each sec. 5 $\frac{1}{2}$  ft.

ft. dist and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land level rolling and broken.

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

No timber.

North, bet. sec 7 and 12.

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

4.50 Road to Placea Arizona bears N.E. and S.W.

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 brass cap  $\frac{1}{4}$  312 on W half and 37 on E half. Dig pits 18 x 18 x 12 in. 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.

61.50 Center of dry ravine 76 lbs. wide course S.W. one quarter.

80.00 The point for the cor. of sec 1, 6, 7 and 12 falls in dry sand wash. 100 lbs. wide bank 20 ft. high. course S.W., therefore at.

82.00 Set an iron post 3 ft. long 3 in. in diam., 24 in. in the ground for W. corner to cor. of sec 1, 6, 7 and 12, marked on brass cap W.C. T 29 N. on N. half. R 18 E S. 1 in N.W. R 19 E S. 6 in N.E. 37 in S.E. and 312 in S.W. quadrant.

Dig pits 18 x 18 x 12 in. N.E. S.E. S.W. and N.W. of post.

5 $\frac{1}{2}$  ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land level and rolling.

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

No timber.

January 14<sup>th</sup> 1909

1909  
January 15<sup>th</sup> 11<sup>th</sup> A.M. 8<sup>h</sup> 00<sup>m</sup> am. Incl. Dreb off. 35° 56' N. on the lat. arc. 21° 06' S on the decl. arc. and determine a meridian with the solar at the <sup>witness cor. to the</sup> cor. of sec 1, 6, 7 and 12 above described.



## Cash boundary of Twp 29 N, R18E

5

Claims

Three Drums, from true point for corner in wash  
North, Secs 1 and 6.

Over level sandy land through sage and greasewood  
brush under growth and bunch grass

2.00 W.G. to corner of secs. 1, 6, 7 and 12, herein before described.

8.00 Level land bears N.E. and S.W. ascend.

S.E. slope over stony hilly land bears N.E. and S.W.

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 base Cop.  
 $\frac{1}{4}$  S1 on W half and S6 on E half.

Dig pits 18x18x12 in. 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 th. 2 cor.

52.00 Slope of ridge bears N.E. and S.W. descend over  
mt. slope.

80.00 Set an iron post. 4 ft. long, 3 in. in diam., 36  
in. in the ground for Cor. of Twp 29 and 30 N.  
R's 18 and 19 E. marked on base Cop. T30 N.  
on N. half T29 N. on S half. R18 E S36 in N.W.  
R19 E S31 in N.E. R19 E S6 in S.E. and R18 E S1  
in S.W. quadrant.

Dig pits 24x24x12 in. 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 ft. high S. of cor.

Land level and hilly.

Soil sandy and stony. 3<sup>rd</sup> and 4<sup>th</sup> rate.  
No timber.

January 15<sup>th</sup> 1909

North boundary of Twp 29 N. R. 18 E.

6

Chains

January 15<sup>th</sup> 1909, Ab. 9<sup>h</sup> 30<sup>m</sup> am. Limit - I set off 35° 57' N. on the lab. arc. 21° 07' S. on the decl. arc. and determined a meridian with the solar ab. the Cor. of Tps. 29 and 30 N, R's 18 and 19 E. <sup>hereinbefore described</sup>  
Thence Drum,

West; on a random line, along the N. bdy. of Twp 29 N, R 18 E. setting temp's rec. and sec. cor. at intervals of 40.00 Chs:

NOTE:- On the temp. Cor. of sec's 1, 2, 35 and 36. I set off 21° 07' S on the decl. arc. and ab. 1<sup>st</sup> noon. I observed the sun on the meridian and obtained on the lab. arc. a reading of 35° 57' N, nearly. On the temp. cor. of sec's 4, 5, 32 and 33. I discontinued service on this day.

January 16<sup>th</sup> 1909

January 16<sup>th</sup> 1909 Ab. 8<sup>h</sup> 09<sup>m</sup> am. Limit. I set off 35° 57' N. on the lab. arc. 20° 55' S on the decl. arc and determine a meridian with the solar ab. the temporary cor. of sec's 4, 5, 32 and 33. on N. bdy of Twp.

Thence Drum, continuing

West; on a random line, along the N. bdy., and ab. 479.32 Chs. Intersect W. bdy. of the Twp. 12.

lks. S of the Cor. of Tps 29 and 30 N. R's 17 and 18 <sup>as described in Exterior Book "P"</sup> which I established December 23<sup>rd</sup> 1908.

The falling answer to a correction of 0° 01' or 2 lks. N. per mile. Counting from the N.E. Cor. of the Twp. Thence Drum, on a true line,

S 89° 59' E, Ch. sec's 6 and 31, through scattering cedars timber Descend gradually E. slope over rolling sandy land.

- 2.32 Dry ravine 20 Chs. wide 4 ft. deep. course S.E.
- 4.36 Dry ravine 25 lks. wide course S.W.
- 10.00 Top of sand stone ledge 15 ft. high trans N. and S.
- 25.30 Top of ridge trans N.E. and S.W. desc. S.E. slope.
- 39.32 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 31 on N. half and S 6 on S. half. from which.

A cedar 18 ins. in diam. trans N 3° E. 54 lks. dist. marked 1/4 S 31 B.T.

A cedar 8 ins. in diam. trans S 40 1/2° W. 64 lks. dist. marked 1/4 S. 6 B.T.

## North boundary of Np 29 N, R 18 E.

Chains

7

- 47.80 Sand stone ledge 15 ft. high bears N.E. and S.W.  
 49.25 Hard timber bears N.E. and S.W.  
 79.32 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 base Cap. T 18 E, on E half T 30 N, S 32 in N.E., T 29 N, S 5 in S.E., S 6 in S.W. and S 31 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 and hilly.  
 Soil sandy and stony 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 Timber Cedar.

- S 89° 59' E., bet. sec 5 and 32,  
 ascend S.E. slope over rolling sandy land. through sage brush and bunch grass.  
 11.00 Dry ravine 20 lbs. wide 3 ft. deep course 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 base Cap. T 18 E 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.  
 73.50 Dry ravine 25 lbs. wide 4 ft. deep course S.E.  
 80.00 Set an iron post. 4 ft. long, 3 ins. in diam. 36 ins. in the ground for cor. of sec. 4, 5, 32 and 33 marked on base Cap. T 18 E on E half. T 30 N S 33 in N.E., T 29 N, S 4 in S.E., S 5 in S.W. and S 32 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 2<sup>nd</sup> and 3<sup>rd</sup> rate.  
 No timber.
- NOTE On this cor. I set off. 20° 55 1/2' S on the decl. arc and at noon observed the sun on the meridian and obtain on the lat. arc a reading of 35° 57' N.

- S<sub>89°59'E</sub>, bet. secs. 4 and 33,  
 Proceed S.E. slope over rolling sandy land.  
 through sage brush and bunch grass.
- 6.00 Dig random Course S. ascend gradually over  
 W. slope.
- 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 base  
 Cop. 4 S 33 on N. half and S. 4 on S. half.  
 Dig pits 18x18x12 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.
- 44.50 Road to Placca Ariz leads N.W. and S.E.
- 73.00 Enter scattering Cedar timber leads N.E. and S.W.  
 ascend sand stone ledge leads N.W. and S.E.
- 80.00 The point for the cor. of secs. 3, 4, 33 and 34 falls  
 where prevailing conditions would cause  
 its destruction, there for a
- 81.00 Set an iron post 4 ft. long, 3 ins. in diam., 36  
 ins. in the ground for witness cor. to the cor. of secs.  
 3, 4, 33 and 34, marked on base Cop., W.C. on  
 N. half. T<sub>18</sub>E on E. half. T<sub>30</sub>N, S. 34 in N.E.  
 T<sub>29</sub>N S 3 in S.E. S 4 in S.W. and S 33 in N.W.  
 quadrant. from which.
- A pinion pine 6 ins. in diam. leads N<sub>60</sub><sup>2</sup>°E 96 lbs.  
 dist. marked W.C. T<sub>30</sub>N, T<sub>18</sub>E S 34 B.T.
- A pinion pine 6 ins. in diam. leads S<sub>70</sub><sup>3</sup>°E 109 lbs. dist.  
 marked W.C. T<sub>29</sub>N, T<sub>18</sub>E. S 33 B.T.
- A pinion pine 10 ins. in diam leads S<sub>18</sub>°W. 192 lbs.  
 dist. marked W.C. T<sub>29</sub>N, T<sub>18</sub>E S 4 B.T.
- A pinion pine 5 ins. in diam leads N<sub>36</sub>°W 186  
 lbs. dist. marked W.C. T<sub>30</sub>N, T<sub>18</sub>E. S. 33 B.T.
- Land rolling.  
 Soil sandy and stony 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> rate.  
 Timber pinion pine and cedar.

S<sub>89°59'E</sub>, bet. secs. 3 and 34, from true point  
 for cor. of secs. 3, 4, 33 and 34

Ascend S.W. slope over stony land. through  
 pinion pine and cedar timber and sage brush  
 undergrowth.

## North boundary of Tp. 29 N, R18 E.

Chain

9

- 1.00 Witness Cor. to Cor. of secs. 3, 4, 33 and 34, hereinbefore described.
- 2.00 Top of ridge head N.E. and S.W. desc. steeply over S.E. slope.
- 17.00 Foot of steep descent head N.E. and S.W. desc. gradually.
- 20.00 Heavy timber head 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 base Cop  $\frac{1}{4}$  S 34 on N. half and S 3 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  $\frac{1}{2}$  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 secs 2, 3, 34 and 35 marked on base Cop R18 E on E half. T 30 N S. 35 in N.E. T 29 N, S 2 in S.E. S 3 in S.W. and S 34 in N.W. quadrant. 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. This cor. is situated at the foot of descent in a depression head N. and S. drain S. Land rolling. Soil sandy and stony 2<sup>nd</sup> 3<sup>rd</sup> and 4<sup>th</sup> rate. Timber pinon pine and cedar.

S 89° 59' E, bet. secs. 2 and 35,

Ascend gradually N.W. slope over rolling sandy land through sage brush 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 base Cop.  $\frac{1}{4}$  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  $\frac{1}{2}$  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 secs. 1, 2, 35 and 36. marked on base Cop R18 E on E.

## North boundary of Twp 29 N, R 18 E

10

Chain

half. T 30 N. S 36 in N.E. T 29 N. S 1 in S.E.  
S 2 in S.W. and S 35 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 2<sup>nd</sup> and 3<sup>rd</sup> rate.

No timber.

S 89° 59' E, 1/4 sec 1 and 36,

ascend N.W. slope over rolling sandy land through  
sage and greasewood brush and bunch grass

11.00 Top of ridge bear N.E. and S.W. descend gradually  
over S.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 bear  
cap. 4 S 36 on N. half and S 1 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.

45.50 Top of descent in depression bear N.E. and S.W.  
ascend N.W. slope.

48.00 Top of ridge bear N.E. and S.W. desc. gradually

63.90 Road to Palacca bear N. and S.

80.00 Intersect the cor. of Twp 29 and 30 N, R 18 and  
19 E., hereinbefore described.

Land rolling.

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

No timber.

January 16<sup>th</sup> 1909.

Boundaries of Twp 29 N R18 E.  
 Latitudes Departures and Closing errors.

Line Designated	True Bearing	Distance	Latitudes		Departures	
			N	S	E	W
South Boundary (7 <sup>th</sup> Standard Parallel north)	West	480.00				480.00
West Boundary	North	480.00	480.00			
North Boundary	S89°59'E	479.32		0.14	479.32	
East Boundary	South	480.00		480.00		
Closure					0.51	
Totals			480.00	480.14	479.83	480.00
				480.00		479.83
			ERROR IN LAT. 0.14		ERROR IN DEP. 0.17	

General Description

This township is rough and mountainous in the southern and eastern parts, rolling in the northern part, while prairie land is found over almost the entire township. The township is poorly watered and timbered with a scattering growth of pine, fir and cedar timber which extends over the northern and western parts of the township. The soil along the sand washes can be classed as 2<sup>nd</sup> rate and will produce crops without irrigation. The township should be subdivided.

Sidney E. Blount  
 U.S. Examiner of Surveys

NOTE: - Dual affidavits in book 4 of Exterior.

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 Victory E. Blaup  
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 E. and N. Ldry's  
of 29 N. R. 18 E. of the Gila and Salt River Land and Meridians in the Territory of Arizona  
showing the respective capacities in which they acted:

- Jay E. Jellick Van L. White Compassman  
....., Chainman.
- Ralph A. West and Lafayette Jennings  
....., Chainman.
- Fred L. Warner  
....., Moundman.
- ....., ~~Moundman.~~
- Chas L. Shumway  
....., Arman.
- ....., ~~Arman.~~
- Harry Lake May  
....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....  
....., United States Deputy Surveyor, in surveying all  
those parts or portions of the .....

..... 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 ..... 190 }





EXAMINER OF SURVEYS  
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. 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 for Land Office~~ <sup>the Commissioner of the</sup>, bearing dates of the 2nd day of Oct. 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 for Land Office~~ <sup>Commissioner of the</sup>, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ~~the~~ <sup>"</sup>  
East and North boundaries of  
Township N° 29 North, Range N° 18 East  
of the Gila & Salt River  
Base & 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 Land Office~~ <sup>Commissioner of the</sup> and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Subscribed by Sidney E. Blout, and sworn to before me }  
 this \_\_\_\_\_ day of \_\_\_\_\_, 1908  
 United States Deputy Surveyor.  
 Examiner of Surveys.

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° 29 North, Range N° 18 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, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank J. 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.~~