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Exterior
BOOK "J"

2537

BOOK 2537

FIELD NOTES

OF THE SURVEY OF THE

East and North Boundaries of Township No. 25 North, Range No. 14 East.

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED
AS ~~SURVEYED~~ BY

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

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

Survey commenced October 30th, 1908

Survey completed November 2nd, 1909

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BOOK 2537

NAMES AND DUTIES OF ASSISTANTS.

Van L. White		Compassman
Fred L. Warner Wm/	Earl Albright	Chainman
Ralph N Westrand		Chainman
Jay E Jellick		Chainman
Chas R. Stumm Wm/	Williams R Carson	Moundsman
Robt E Claborne	Ralph C Simpson	Flagman
Harry Lake May		Flagman

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BOOK 2537

INDEX DIAGRAM.

Township 25 North, *Range* 14 East

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BOOK 2537

FOR PRELIMINARY OATHS OF ASSISTANTS.

TO SURVEY OF EAST BDY OF T.25N. R.14E. see Ext. Bk. "K"
TO " " NORTH " " T.25N. R.14E. " " " "M"

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

_____

SEAL

_____

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

_____

SEAL

_____

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

_____

SEAL

_____

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

_____

SEAL

_____

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Survey Commenced October 30th 1908 and executed with a Young and Sons light mountain transit no. 10 with a Smith Solar attachments; 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 count of the verniers of the latitude and declination arcs. Examined the adjustments of the transit and correct the level and collimation errors., then to test 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. I proceed as follows:.

At my camp which is located near the cor. of Secs. 13, 18, 19 and 24 on the East boundary of Mp. 25 N. R 15 E. Latitude 35° 33' N. Longitude 110° 47' 44" W.

I set off 35° 33' N. on the lat. arc 13° 47' S. on the decl. arc. and at 5h 00m p.m. l.m.t. determined a meridian with the Solar and mark a point thereof by a nail driven in a stake set in the ground 5.00 chs. N. of my instrument.

At 7h 35m p.m. l.m.t. by my watch which is correct local mean time, I observed Polaris in accordance with instructions in the Manual and mark the direction thus determined by a tack driven in a stake set in the ground 5.00 chs N. of my instrument.

Astron l.m.t. of obs. Oct 30th 1908		7h 35m
Equivalent to time of Oct. 29th 1908		31 35
U.C. Polaris Nov. 1st 1908	10h 43.7m	
Reduction to Oct 29th 1908 add	11.8	
U.C. Polaris Oct 29th	10 55.5 Subtract	10 55.5
Hour Angle of Polaris at Observation		20 39.5
Subtract from		23 56.1
Prime Argument for Noble VII		3 16.6.
Azimuth of Polaris at Observation		1 06¼' E.

October 30th 1908.

October 31st 1908 at 7h 15m a.m. l.m.t. I lay off the azimuth of Polaris 1° 06¼' to the west and mark the meridian thus determined by a nail driven in the stake already set 5.00 N. of my instrument, on which the meridian falls. 0.45 lks east of the point determined by the solar

East. boundary of Pp. 25 N. R 14 E.

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At 7h 45m a.m. l.m.t. I set off. 35°33' N. on the lat. arc. 14°04 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 chs. N. of my instrument, This point falls 0.6 ins east of the meridian established by the Polaris observation

The Solar apparatus by p.m. and a.m. observations defines positions for meridians., respectively about 0'33" west and 0'31" east of the meridian established by the Polaris observation therefore I Conclude that the adjustments of the instrument are satisfactory.

I begin at the old standard Cor. of Pps. 25 N. Rs 14 and 15 E., which is a cottonwood stake. greatly decayed with a trace of pits and mound of earth., N. of stake. Latitude 35°30'35" N. Longitude 110°41'22" W.

This Cor. being in a state of dilapidation, I destroy all trace of the old Cor. and re-establish it in its original position as follows.;

Set an iron post. 3 ft. long 3 ins. in diam 24 ins. in the ground for Stand. Cor. of Pps. 25 N. Rs 14 and 15 E. marked on brass Cap. T 25 N. on N. half., R 14 E S 36 in N.W. R 15 E. S 31 in N.E. quadrant.

Dig pits 30 x 24 x 12 ins. Crosswise on line E. and W. 4 ft. and N. of post. 8 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N. of Cor.

At 1h 00m p.m. l.m.t. I set off. 35°30½' N. on the lat. arc 14°10' S. on the decl arc. and determined a meridian with the Solar at this Cor., Thence I Run,

North, 80 chs. secs. 31 and 36,

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. ¼ sec. Cor. marked on brass Cap. ¼ S 36 on W half and S 31 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 3½ ft. base, 1½ ft. high. W. of Cor.

80.00 Set an iron post. 3 ft. long 3 ins. in diam. 24 ins. in the ground for Cor. of secs 25. 30. 31 and 36., marked on brass Cap T 25 N. on N. half., R 14 E S 25 in N.W. R 15 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. 5½ ft. dist and raise a mound of earth 4 ft. base, 2 ft. high W. of Cor.

East boundary of Ps 25 N. R 14 E

Chains

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Land rolling
Soil sandy 2nd and 3rd rate
No timber.

North, bet. secs. 25 and 30;
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 ¼ sec. Cor. marked on brass Cap ¼ 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 3½ ft. base 1½ ft. high. W. of cor.

80.00 Set an iron post 3 ft. long 3 inch in diam, 24 ins. in the ground for Cor. of secs. 19. 24. 25 and 30, marked on brass Cap T 25 N. on N. half, R 14 E. S 24 in N.W, R 15 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 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.
Land rolling.
Soil sandy 2nd and 3rd rate.
No timber

North, bet. secs 19 and 24,
Over rolling sandy and adobe bottom land through scattering sage and greasewood brush undergrowth and bunch grass.

35,75 Road from Winslow Arizona to Adairs. 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 ¼ sec. Cor. marked on brass Cap ¼ 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 3½ ft. base. 1½ ft. high. W. of cor.

69.30 Dry ravine 30 lks. wide, 2 ft. deep course S.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 25 N. on N. half R 14 E S 13 in N.W. R 15 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. 5½ ft dist and raise

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a mound of earth 4 ft. base 2 ft. high W. of Cor
Land level and rolling.
Soil sandy and adobe 2nd and 3rd rate.
No timber.

North, bet. secs. 13 and 18;
Over level adobe bottom land, through sage and greasewood brush undergrowth and bunch grass.

13.20 Left bank of the Oraibi Wash., 20 ft. high bears N.E and S.W.
13,75 Dry bed of Wash. Course S.W.
14,50 Right bank of the Oraibi Wash. 20 ft. high bears N.E. and S.W.
Thence over level land.
35.30 Road from Winslow Arizona to Oraibi Arizona bears NE and SW.
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 13 on W half and S 18 on E half
Dig pits 18 x 18 x 12 ins. N and S. of post. 3 ft distant 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 3 ft. long 3 ins. in diam 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18, marked on brass Cap T 25 N. on N. half. R 14 E S 12 in N.W. R 15 E S 7 in N.E. S 18 in S.E. and S 13 in S.W. quadrant.
Dig pits 18 x 18 x 12 ins. in each. sec. 5 1/2 ft. distant raise a mound of earth 4 ft. base, 2 ft. high. W. of cor
Land level.
Soil adobe 2nd rate.
No timber

North, bet. secs. 7 and 12;
Over level adobe land through scattering sage and greasewood brush, undergrowth and bunch and sage alone grass.

32.40 Road from Leupp Agency to Oraibi Ariz. 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 12 on W half and S 7 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 3 ft. long 3 ins. in diam, 24 ins. in the ground for Cor of secs. 1, 6, 7 and 12 marked on brass Cap T 25 N. on N. half. R 14 E S 1 in NW. R 15 E. S 6 in N.E. S 7 in S.E.

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and S 12 ins S.W. quadrants.
Dig pits 18 x 18 x 12 ins. in each. Sec 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.
Land level.
Soil adobe 3rd rate.
No timber

North bet. secs. 1 and 6;
Over level sandy and adobe bottom land through sage and greasewood brush undergrowth and bunch grass
40.00 Set an iron post 3 ft. long 2½ ins in diam 26 ins. in the ground for ¼ sec. cor marked on brass Cap ¼ S1 on W half and S6. 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 3½ ft. base, 1½ ft. high. W. of cor.
80.00 Set an iron post 3 ft. long, 3 ins. in diam 24 ins. in the ground for Cor. of Ps. 25 and 26 N. Rs 14 and 15 E. marked on brass Cap. T 26 N. on N half, T 25 N. on S half. R 14 E S 36 in N.W. R 15 E S 31 in N.E., R 15 E S 6 in S.E. R 14 E, S1 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, 2½ ft. high. S. of cor.
Land level.
Soil sandy and adobe 2nd and 3rd rate.
No timber

October 31st 1908

The final affidants of assistants employed in the survey of this line will be found in Book. O of exteriors.

This 31st day of Oct. 1908., I change the duties of Fred L. Warner. from those of Chainman to those of Moundman., No officer authorized to administer oaths other than myself. being available without great inconvenience, delay and expense I administer the required preliminary and final oaths.

Sidney E Blouh
U.S. Examiner of Surveys

North boundary of Ns 25 N. R 14 E.

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Survey Commenced Novmbr 1st 1909 and executed with a W and L E. Gurley, engineers transit No. 76 with a Burt Solar attachment, the horizontal limb is provided with one double vernier reading to single minutes of arc. the vernvers of the latitude and declination arcs reading 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 the results of observations made on the sun during p.m. and a.m. hours. with a meridian established by observations on Polaris. that the instrument is in satisfactory adjustment therefore. I begin at the cor. of Ns. 25 and 26 N. Rs 14 and 15 E, (hereinbefore described) which I established October 31st 1908. Latitude 35° 35' 48" N. Longitude 110° 47' 45" W.

At this cor. I set off 35° 35 3/4' N. on the lat arc. 14° 11 2/3' S. on the decl arc. and at 7h 30m a.m. l.m.t. determined a meridian with the solar. Thence I run,

West, on a random line along the N. bdry of Ns. 25 N. R 14 E., setting temp 1/4 sec. and sec. cors. at intervals of 40.00 Chs., and at 479.40 Chs. intersect the W. bdry of Ns 30 Lks. N. of the cor. of Ns. 25 and 26 N. Rs 13 and 14 E, (described in Exterior Book "L") which I established October 30th 1909.

The falling amounts to a Correction of 0° 02' or 5 Lks. S. per mile Counting from the N.E. cor. of the Ns.

November 1st 1909.

November 2nd 1909 At. 8h 30m a.m. l.m.t. I set off 35° 35 3/4' N. on the lat arc, 14° 34 1/2' S. on the decl. arc and determine a meridian with the solar at the cor. of Ns. 25 and 26 N. Rs 13 and 14 E, (recently estab. by me as described in Exterior Book "L") Thence I run.

N 89° 58' E., bet. secs. 6 and 31., marking the true line. ascend N.W. slope over rolling sandy land through sage and greasewood brush. undergrowth.

5.90 Point of rocky Spur bears N.E and S.W. desc.

9.40 Dry ravine course N. asc.

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

39.40 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.

Dig pits 18x18x12 ins E and W. of post. 3 ft. dist and

raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

79.40 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass Cap. R 14 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. quadrants
Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. 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,
Ascend N.W. slope over hilly sandy land through sage and greasewood brush underg rowth and bunch grass.

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

26 58 Dry sand wash 50 lks 1 ft. deep course N. asc.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 32 on N. half and S 5 on S half.
Raise a mound of stone 2 ft. base, 1½ ft. high N. of cor. Pit is impracticable

40.25 Foot of sand stone bluffs bears N.E and S.W. leave sandy land bears N.E. and S.W. ascend bluffs over stony land. bears N.E. and S.W.

41.65 Top of bluffs 50 ft. above cor. bears N.E. and S.W. leave stony land bears N.E and S.W. enter sandy land bears N.E. and S.W. ascend gradually over N.W. slope

54.15 Top of sand ridge bears N and S. leave hilly land bears N. and S., enter rolling land bears N and S. desc. gently over E. slope.

80.00 Set an iron post 3 ft. long, 3 ins. in diam. 24 ins in the ground for cor. of secs. 4, 5, 32 and 33. marked on brass Cap R 14 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 18 x 18 x 12 ins. in each sec 5½ 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 3rd and 4th rate.
No timber

North boundary of Tp 25 N. R 14 E.

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N 89° 58' E., bet. secs 4 and 33,
Descend & slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass
14.25 Dry ravine course N., ase
26.00 Pos of sand ridge bears NE. and S.W. desc.
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor marked on brass Cap ¼ S 33 on N. half and S 4 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 3½ ft. base. 1½ 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 secs. 3, 4, 33 and 34 marked on brass Cap R 14 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. quadrants.
Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. 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. 3 and 34,
Descend gradually over S.E. slope 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 ¼ sec. cor. marked on brass Cap ¼ 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 3½ ft. base. 1½ ft. high. N. of cor.
NOTE At this cor I set off 14° 43' S on the decl and at noon observed the sun on the meridian the resulting lat. being 35° 36' N.
52.00 Pos of descent in depression bears N.E and S.W. drains to the N.E., ascend gradually.
59.00 Pos of sand ridge bears N and S. desc. E. slope.
67.00 Pos of descent in depression bears N.E and S.W. drains to the N.E., ase gradually
71.30 Pos of sand ridge bears N.E. and S.W. desc. gradually
80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cor. of secs. 2, 3, 34, and 35 marked on brass Cap R 14 E on E half. T 26 N. S 35 in N.E. T 25 N. S.

North boundary of Tp 25 N. R 14 E

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2 mi S.E. S3 mi S.W. and S34 mi N.W. quadrauh.
Dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high. W. of cor.
Land rolling
Soil sandy 3rd rate
No timber.

N 89° 58' E, bet. secs. 2 and 35,
Descend E. slope over rolling sandy land through sage and greasewood bush undergrowth and bunch grass
0.40 Bot. of descent in depression bears N and S., drains to the N.. asc
2.75 Top of round knoll. desc.
10.00 Bot of descent in depression bears N.E. and S.W drains to the N.E.. Land rolling land bears N.E. and S.W. enter hilly stony land bears N.E and S.W. asc. N.W. slope.
25.00 Top of sand ridge bears NE and S.W. desc.
32.50 Dry rocky ravine Course N.E. asc.
35.00 Top of sand stone bluffs bears N.E. and S.W. desc. steply
36.60 Bot of step descent at foot of bluffs 35 ft. below top descend gradually.
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins in the ground for ¼ sec. cor. marked on brass Cap. ¼ S 35 on N. half and S2 on S half
Dig pits 18x18x12 ins E and W. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base. 1½ ft. high. N of cor.
72.10 Dry sand wash Course S.E. asc.
80.00 Set an iron post 3 ft. long 3 ins. in diam 24 ins. in the ground for Cor. of secs. 1, 2, 35 and 36. marked on brass Cap T 14 E. on E half. T 26 N S 36 in N.E. T 25 N. S1 in S.E. S2 in S.W. and S35 in N.W. quadrauh.
Dig pits 18x18x12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
Land rolling and hilly,
Soil sandy and stony 3rd and 4th rate.
No timber.

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North boundary of Tp 25 N. R 14 E.

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N 89° 58' E Sch. secs. 1 and 36.

Ascend steeply over hilly sandy and stony land through scattering sage and greasewood brush. Undergrowth and bunch grass.

7.00 N of steep ascent N.W. and S.E. ascend gradually over hilly sandy and stony land.

27.30 N of sand stone bluffs bears N.E. and S.W. desc. abruptly 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 brass cap. 1/4 S 36 on N. half and S 1 on Shaft.

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 No of cor.

48.20 N of bluffs bears N.E. and S.W. bears hilly stony land bears N.E. and S.W. enter rolling land bears N.E. and S.W. . desc. gradually.

75.00 Bears rolling sandy land bears N.E and S.W. , enter level adobe land bears N.E. and S.W.

80.00 Intersect the cor of Tps 25 and 26 N. Rs 14 and 15 E., hereinbefore described.

Land level rolling and hilly.

Soil sandy adobe and stony 2nd 3rd and 4th rate.

No timber.

Nov 2nd 1895.

Boundaries of Tp 25 N. R 14 E.
Latitudes Departures and Closing Errors

Line Designated	True Bearing	Distance	Latitudes N	Latitudes S	Departures E	Departures W
		chs	chs	chs	chs	chs
7th Standard Parallel N	West	480.00				480.00
West Boundary	North	480.00	480.00			
North Boundary	N 89° 58' E	479.40	.28		479.40	
East Boundary	South	480.00		480.00		
Convergency					.51	
Totals			480.28	480.00	479.91	480.00
			480.00			479.91
	Error in Lat.		0.28			
				Error in Dep.		0.09

General description

This township is rough and broken in the northern portion which is a high mesa country, and level in the southern portion. The mesa portion of the township is sandy and stony.

land, and the level portion a sandy and adobe soil which is comparatively fertile. The township should be subdivided.

Sidney E Blouch
U.S Examiner of Surveys.

November 2nd 1909.

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. Blouh, 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 boundaries of Wp. 25 N. R. 14 E. of the G. & S. R. Base & Meridian, Arizona.

showing the respective capacities in which they acted:

Van L. White - Compassman.
Reed L. Warner, Chainman.
Earl Albright, Chainman.
Chas L. Shumway, Moundman.
William R. Carson, Moundman.
, ~~Axman.~~
, ~~Axman.~~
Ralph C. Sampson, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blouth, Examiner of Surveys, ~~United States Deputy Surveyor~~, in surveying all those parts or portions of the North boundary of Wp. No. 25 N. R. No. 14 E.

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~~ executed, and the corner monuments established, according to the instructions furnished by the ~~United States Surveyor General for~~ Examiner of Surveys of the General Land Office.

Van L. White Compassman
Earl Albright and Fred L Warner, Chainman.
, ~~Chainman.~~
William R Carson, Moundman.
Chas. L. Shumway, Moundman.
, ~~Axman.~~
, ~~Axman.~~
Ralph C. Sampson, Flagman.

Subscribed and sworn to before me this 22nd day of December, 1909

SEAL

Sidney E. Blouth
U.S. Examiner of Surveys

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FINAL OATH OF ~~UNITED~~ ~~STATES~~ EXAMINER OF SURVEYS ~~DEPUTY SURVEYOR.~~

I, Sidney E Blout, Examiner of Surveys, ~~United~~ ~~States~~ ~~Deputy Surveyor,~~ do solemnly swear that, in pursuance of ~~a contract~~ Special Instructions received from the Commissioner of the ~~United States Surveyor General for~~ General Land Office, bearing date of the 2nd day of Oct 1907 ~~day of~~ and the 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~~ Commissioner of the General Land Office, 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 Tp No. 25 No. Range No. 14 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~~ Commissioner 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.~~ Examiner of Surveys

Subscribed by said Sidney E Blout, and sworn to before me this 14th day of March, 1908

Frank A Ingalls

SEAL

SURVEYOR-GENERAL OF ARIZONA

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona APR 25, 1908

The foregoing field notes of the survey of the East and North boundaries of Township No 25 N. - Range No 14 E. of the Gila and Salt River Base and Meridian - Arizona.

executed by Sidney E. Blout — U.S. Examiner of Surveys under ~~his contract No.~~ Special Instructions from the Commissioner of the General Land Office, dated October 2, 1907 and May 15 - 1908, ~~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 A 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.~~

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