

Exterior
BOOK "AD"

2557

FIELD NOTES

BOOK 2557

OF THE SURVEY OF THE

*East and North boundaries of Township No. 27 N.
Range No. 14 E.*

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney E. Blouh

United States ~~Deputy~~ ^{Examiner of Surveys} Surveyor,

Special Instructions from the Commissioner of the General Land Office

Under ~~his~~ ^{his} Contract No. _____, dated *Oct. 2nd 1907, and May 19th 1908*

Survey commenced *November 18th* _____, 1909

Survey completed *December 24th* _____, 1909

NAMES AND DUTIES OF ASSISTANTS.

<i>Van L. White</i>	<i>Carpenterman</i>
<i>Fred L. Warner</i>	<i>Chairman</i>
<i>Earl Albright</i>	<i>Chairman</i>
<i>Chas. L. Shumway</i>	<i>Woundman and Axman</i>
<i>William P. Carson</i>	<i>Woundman and Plagman</i>
<i>Ralph Sampson</i>	<i>Plagman and Woundman</i>

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BOOK 2557

INDEX DIAGRAM.

Township No. 27 N., Range No. 14 E.

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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 _____, 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 _____ }



508 Exterior Book

Survey commenced November 18th 1909. and executed with a W. & L. G. Surley engineers transit No. 76 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 examined the adjustments of the transit and find them to be as nearly perfect as I can make them, 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 begin at the cor. of Twp 26 and 27 N. R 14 and 15 E, ^{described in Exterior Book "AA"} which I reestablished October 12th 1909.

Latitude 35° 41' 01" N. Longitude 110° 47' 45" W.

At 8^h 30^m a.m. ^{l.m.t.} set off 35° 41' 76. on the lat. arc 1909's. on the decl. arc and determine a meridian with the solar at the above mentioned cor., Thence run,

North, bet. secs. 31 and 36,

Descend North slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass

22.00 Foot of descent bear rolling land bears E. and W. enter level 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 36° W. half and S 31° on E. half.

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.

48.00 Leave level land bears E. and W. ascend S. slope over rolling land bears 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. 25, 30, 31 and 36. marked on brass cap T 27 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. 5 $\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land level and rolling

Soil sandy 3rd rate
No timber

North, Sec. 25 and 30,
Ascend S.E. slope 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 $\frac{1}{4}$ S. 25 on W
half and S 30 on E. half

Dig pits 18x18x12 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.

80.00 Set an iron post. 3 ft. long, 3 ins. in diam. 24 ins.
in the ground for Cor. of Secs. 19, 24, 25 and 30
marked on brass cap T 27 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. quadrant.

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 3rd rate.

No timber

North, Sec. 19 and 24,

Ascend gradually S.W. slope over rolling 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 cap. $\frac{1}{4}$ S
24 on W. half and S 19 on E. half.

Dig pits 18x18x12 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.

44.00 Top of ascent on sand ridge toward N.W. and S.E. desc

57.00 Dry ravine course E. side.

65.00 Top of ridge toward E and W. desc.

72.00 Foot of descent, leave rolling and hilly land toward
N.W. and S.E. enter level sandy land toward N.E. and S.W.

Chain

80.00 Set an iron post 3ft. long 3 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24. marked on brass Cap T27 N. on N half. T14 E S13 in N.W. T15 E S18 in N.E. S19 in S.E. and S24 in S.W. quadrants. Dig pits 18x18x12 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 level rolling and hilly.

Soil sandy 3rd rate

No timber

NOTE:-

At this cor. set off 19' 12" S. on the decl. arc and at noon observe the sun on the meridian and obtain on the lat. arc a reading of 35° 43 1/2' N.

North, bet. secs 13 and 18;

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

10.40 Leave level land toward N.E. and S.W., enter rolling land toward N.E. and S.W. ascend gradually over S.E. slope.

40.00 Set an iron post. 3ft. long, 1 in. in diam 26 ins. in the ground for 1/4 sec. cor. marked on brass Cap. T4 S13 on W. half and S18 on E. half.

Dig pits 18x18x12 ins. N. and S. of post. 3ft. dia. 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. 3ft. long, 3 ins. in diam. 24 ins. in the ground for cor. of secs. 7, 12, 13 and 18. marked on brass Cap. T27 N. on N. half, T14 E S12 in N.W. T15 E S7 in N.E. S18 in S.E. and S13 in S.W. quadrants.

Dig pits 18x18x12 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 level and rolling.

Soil sandy 3rd rate.

No timber

North, bet. secs. 7 and 12,

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

East boundary of Twp 27 N. R 14 E.

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Chain

- 6.50 Top of round knoll. desc.
- 12.00 Mouth of descent in depression toward E. and W. drains to the east. asc. gently S. slope over hilly land toward 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 12 on W. half and S 7 on E. half.
Dig pits 18x18x12 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.
- 45.75 Top of ridge toward N.E. and S.W. desc.
- 54.00 Dry sand wash. 10 lbs. wide course S.E. asc.
- 66.30 Top of sand ridge toward E. and W. desc.
- 74.00 Dry sand wash. 15 lbs. wide course N.E. asc.
- 77.25 Top of sand ridge toward E. and W. desc.
- 79.20 Dry sand wash. 20 lbs. wide 2 ft. deep course N.E.
- 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 27 N. on N. half R 14 E S 1 in N.W. R 15 E, S 6 in N.E. S 7 in S.E. on S 12 in S.W. quadrant.
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 and hilly.
Soil sandy 3rd rate.
No timber

- North, 1/4 sec. 1 and 6,
Over low rolling sand hills through scattering sage and greasewood bush undergrowth and bunch grass
- 6.50 Top sand ridge toward E. and W. desc. N. slope
- 18.30 Dry sand wash. 40 lbs. wide 12 ft. deep course S.E. asc.
- 30.50 Top of sand ridge toward N.W. and S.E. desc. steeply over N.E. slope.
- 32.63 Right bank of dry sand wash. 15 ft. high toward N.W. and S.E.
- 36.60 Left bank of sand wash 15 ft. high toward N.W. and S.E. asc. S.W. slope of sand ridge.
- 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 to S 1 on W. half and S 6 on E. half.
Dig pits 18x18x12 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.

East boundary of Twp 27 N. R 14 E.

Chain

44.00 Top of sand ridge bears N.W. and S.E. desc.
 45.00 Dry ravine course S.E. asc. steeply over sand stone ledges
 base N.E. and S.W.
 60.00 Top of steep ascent over ledges from N.W. and S.E. are gradually.
 80.00 Set an iron post 3/4 dia. 3 in. in diam. 24 ins. in the
 ground for cor. of Twp. 27 and 28 N. R 14 and 15 E.
 marked on base cap T 28 N on N. half. T 27 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
 S 1 in S.W. quadrant.
 Raise a mound of stone 2 ft. base, 1 1/2 ft. high S. of cor.
 Pile impracticable
 Land hilly and broken.
 Soil sandy and stony 3rd and 4th sets.
 No timber

November 18th 1902

Survey commenced Dec. 23rd 1909, and executed with a W. & L. G. Surley engineer transit No. 76, with a Burt 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 as nearly perfect as I can make them and know from recent tests of the solar apparatus by comparing the results of observations made by the sun during a.m. and p.m. hours, with a meridian determined by observations on Plain that the instrument is in satisfactory adjustment.

Therefore I begin at the cor. of Twp. 27 and 28 N., R's 14 and 15 E., ^{herein before described} which I established Nov. 18th 1909.

Latitude $35^{\circ} 46' 14''$ N., Longitude $110^{\circ} 47' 45''$ W.

At 8^h 30^m a.m. I set off $35^{\circ} 46' 14''$ N. on the lat. arc, $23^{\circ} 24' 3''$ S. on the decl. arc, and determined a meridian with the solar at the above mentioned cor. thence I run,

S $89^{\circ} 57' 11''$ W., on a random line, along the north boundary of Twp. 27 N., R 14 E. setting temp. $\frac{1}{4}$ sec. and sec. pers. at intervals of 40.08 chs. and at 478.66 chs. intersect W. ldy. of Twp. 48 lks. S. of the cor. of Twp. 27 and 28 N., R's 13 and 14 E., which I established December 22nd 1909, as described in Exterior Book "AC"

The falling answer to a correction of $0^{\circ} 03'$ or 8 lks N. per mile counting from the N.E. cor. of the Twp.

December 23rd 1909

Dec. 24th 1909, At 9^h 00^m a.m. I set off $35^{\circ} 46' 14''$ N. on the lat. arc, $23^{\circ} 24' 3''$ S. on the decl. arc, and determined a meridian with the solar at the cor. of Twp. 27 and 28 N., R's 13 and 14 E., ^{described in Exterior Book "AC"} thence I run

East; set sec 6 and 31, marking the true line, ascend N.W. slope over rolling sandy land through sage and greasewood, brush undergrowth and brush grass.

38.66 Set an iron post 3 ft. long in in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap "4331" on N. half and 36 on S half.

North Boundary of Tp 27 N. R 14 E.

Chain

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- Dig pits 18x18x12 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. No. of cov.
- 48.16 Top of sand stone bluffs 40 ft. high., leave sandy land bears N.E. and S.W. enter stony land bears N.E. and S.W. asc. abruptly.
- 51.35 Top of abrupt ascent on sand stone bluffs, leave stony land bears N.E. and S.W. ascend gradually over hilly sandy land.
- 63.00 Top of sand ridge bears N.E. and S.W. desc. gradually over S.E. slope.
- 78.66 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cov. of sees. 5, 6, 31 and 32. Marked on brass cap T 14 E. in E half., T 28 N. S 32 in N.E., T 27 N. S 35 in S.E., S 6 in S.W. and S 31 in N.W. quadrants. Dig pits 18x18x12 ins. in each. see. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cov.
Land rolling and hilly.
Soil sandy and stony 3rd and 4th rate.
No timber

- Earth; see 5 and 32,
Descend gradually N.E. slope over rolling sandy land, through scattering sage and greasewood brush and bunch grass
- 40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for 4 sees. cov marked on brass cap T 332 in N. half. and S 5 in S. half.. Dig pits 18x18x12 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. No. of cov.
- 80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the ground for cov of sees. 4, 5, 32 and 33. marked on brass cap. T 14 E on E half., T 28 N S 33 in N.E., T 27 N S 4 in S.E., S 5 in S.W. and S 32 in N.W. quadrants. Dig pits 18x18x12 ins. in each. see. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft high. W. of cov.
Land rolling

Soil sandy 3rd rate.
No timber

Cash, beh. sec. 4 and 33,
Descend N.E. slope over rolling land through scattering
sage and greasewood brush undergrowth and
 bunch grass

8.50 Top of descent in dry sand wash 50 lks wide
10 ft. deep course North. Leave rolling land bear
N and S. Enter hilly land bear N and S. Ascend
steeply over W slope of ridge

14.00 Top of sand ridge bear N and S. desc.

17.15 Dry sand wash 50 lks. wide 5 ft. deep course N.

39.30 Dry sand wash 40 lks. wide 3 ft. deep course N.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.
 $\frac{1}{4}$ S 33 on N. half and S 4 on S. half.

Dig pits 18x18x12 in. E. and W. 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.

41.20 The same sand wash 40 lks. wide 3 ft. deep.
Course S.W.

41.25 The same sand wash 40 lks. wide 2 ft. deep
course N.W. asc.

80.00 Set an iron post 3 ft. long 3 in. in diam 24 in. in the
ground for cor. of sec. 3, 4, 33 and 34, marked on
brass cap T₁₄E on E half. T₂₈N S₃₄ in N.E. T₂₇N.
S₃ in S.E. S₄ in S.W. and S₃₃ in N.W. quadrant
Dig pits 18x18x12 in. in each sec, $3\frac{1}{2}$ ft. diam. and
raise a mound of earth 4 ft. base. 2 ft. high W. of cor.
Land rolling and hilly.

Soil sandy 3rd rate.

No timber

NOTE At this cor I set off. $23^{\circ} 24\frac{1}{2}'$ S, on the decl. arc and
at noon observe the sun on the meridian and
obtain on the lat. arc a reading of $35^{\circ} 46' 16''$.

Cash, beh. sec 3 and 34,

Descend S.W. slope 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 $\frac{1}{4}$ S 34 on N. half and S 30 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.
- 47.00 Top of aspen on sand ridge bears N.W. and S.E. desc. gradually over N.E. slope.
- 53.50 Top of ditch in depression bears N.W. and S.E. drains N.W. asc.
- 75.30 Top of ridge bears N.W. and S.E. desc.
- 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 14 E. on E. half T 28 N. S 35 in N.E. T 27 N S 2 in S.E. S 3 in S.W. and S 34 in N.W. quadrants.
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 rolling and hilly.
Soil sandy 3rd etc.
No timber.

- Cash, Sec. 2, and 35,
Descend N.E. slope over hilly sandy land through scattering sage and greasewood brush undergrowth and bunch grass
- 7.70 Dry ravine Course N.W. asc.
- 15.00 Top of ridge bears N.W. and S.E. desc.
- 18.00 Dry ravine Course N.W. asc.
- 22.40 Top of sand ridge bears N.W. and S.E. desc.
- 34.45 Dry ravine Course N.W. asc.
- 39.60 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 $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 35 on N. half and S 20 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.
- 41.55 Dry ravine Course N.W. asc.

North boundary of T₂₇ N. R₁₄ E.

43.50 Top of sand ridge bears N.W. and S.E. desc.
 46.00 Dry ravine course N.W. asc.
 52.70 Top of sand ridge bears N.W. and S.E. desc.
 55.45 Dry ravine course N.W. asc.
 61.00 Top of Clay ridge bears N.W. and S.E. desc.
 70.75 Dry ravine course N.W. asc.
 73.25 Top of Clay ridge bears N.W. and S.E. desc. steeply.
 80.00 A shallow 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 bears cap N₁₄ E on E. half, T₂₈ N S₃₆ in N.E. T₂₇ N S₁ in S.E. S₂ in S.W. and S₃₅ in N.W. quadrant. Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable.
 Land hilly.
 Soil sandy clayey and stony 3rd and 4th rates.
 No timber

East, Sec. 1 and 36,
 Descend N.E. slope over hilly sandy and clayey land through sage and greasewood brush undergrowth and bunch grass.
 .35 Dry ravine course N.W. desc N.W. slope
 3.00 Top of Clay ridge bears N.W. and S.E. desc.
 5.45 Dry ravine course N.W. asc.
 9.50 Top of Clay ridge bears N.W. and S.E. desc
 14.00 Dry ravine course N.W. asc, abruptly over sandstone cliffs and ledges
 40.00 A shallow iron post 3 ft. long, 1 in. in diam. 26 ins in the ground for cor. marked on bears cap T₄ S₃₆ on N. half and S₁ 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 W. of cor.
 This cor is situated at top of ascent on high divide between the Craib and De Nebeto Washes bears N.E. and S.W. desc. steeply over S.E. slopes
 80.00 Intersect the cor of T₂₇ and T₂₈ N. R₁₄ S₁₄ and S₁₅ E., hereinbefore described.
 Land hilly.
 Soil sandy clayey and stony 3rd and 4th rates
 No timber

December 24th 1909

Boundaries of Twp. 27 N. R. 14 E.
Latitudes Departures and Closing Error

LINE DESIGNATED	TRUE COURSE	DISTANCE	LATITUDES		DEPARTURES	
			N. CHS	S. CHS	E. CHS	W. CHS
South Boundary	S89°51'W	479.04		0.42		479.04
West Boundary	NORTH	480.00	480.00			
North Boundary	EAST	478.66			478.66	
East Boundary	SOUTH	480.00		480.00		
Convergency.					1.51	
TOTALS			480.00	480.42	479.17	479.04
				480.00	479.04	
			Error in Lat.	0.42		
				Error in Dep.	0.13	

General Description

This township is rough broken and mountainous in the north eastern part, hilly in the southern and south western and rolling in the western and north western parts, with very little level land. The greater portion of the rolling and hilly portions of the township is prairie land which affords a fine winter pasture for stock. The township is poorly watered and poorly timbered, the only timber being a scrubby cedar which grows on the ridges along the foot of the mesas.

The township should be subdivided on account of the grazing facilities which it affords the Indians to whom allotments have not been made.

Sidney E. Blunt

December 24th 1909

US Examiner of Surveys

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

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LIST OF NAMES.

BOOK 2557

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 Twp No. 27 N. R. No. 14 East of the G. & S. R. Base & Meridian, Arizona.

showing the respective capacities in which they acted:

- | | | |
|--------------------------|----------------------------------|-----------|
| <u>Fred L. Warner</u> | <u>Van L. White</u> - Compassman | Chainman. |
| <u>Carl Albright</u> | | Chainman. |
| <u>William R. Carson</u> | <u>Moundman and Flagman</u> | Moundman. |
| <u>Chas. L. Shumway</u> | <u>Moundman and Axman</u> | Moundman. |
| | | Axman. |
| | | Axman. |
| <u>Ralph Sampson</u> | <u>Moundman and Flagman</u> | Flagman. |

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Sidney E. Blouh
Examiner of Surveys
 United States Deputy Surveyor, in surveying all

those parts or portions of the East and North boundaries of Twp No. 27 N.
Range No. 14 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 ^{executed} surveyed and the
 corner monuments established, according to the instructions furnished by the United States Surveyor
General of the General Land Office.

- | | |
|--|-----------|
| <u>Van L. White</u> - Compassman | |
| <u>Carl Albright</u> and <u>Fred Warner</u> | Chainmen. |
| | Chainman. |
| <u>Ralph Sampson</u> and <u>William R. Carson</u> | Moundmen. |
| <u>Chas. L. Shumway</u> | Moundman. |
| <u>Chas. L. Shumway</u> | Axman. |
| | Axman. |
| <u>Ralph C. Sampson</u> and <u>William R. Carson</u> | Flagmen. |

Subscribed and sworn to before me this 24th
 day of December, 1909

Sidney E. Blouh
 U.S. Examiner of Surveys



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BOOK 2557

EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, ~~United States Deputy Surveyor~~, ^{Examiner of Surveys} do solemnly swear that, in pursuance of a ~~contract~~ ^{Special Instructions of the Commissioner of the General Land Office} received from ~~the Commissioner of the United States Surveyor General for~~ ^{the Commissioner of the 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 Twp No. 27 N., Range 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, 1911

Frank S. Ingalls
SURVEYOR-GENERAL OF ARIZONA



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25 1911

The foregoing field notes of the survey of the
East and North boundaries of
Township N^o 27 North, Range N^o 14 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.~~ ^{Special Instructions from the Commissioner of the General Land Office}, 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.~~