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Exterior
BOOK "N"

2541

FIELD NOTES

OF THE SURVEY OF THE

*North Boundary of Twp 26 North
Range No. 16 East.*

Of the Gila and Salt River Basins and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

William E. Blount, United States ^{Examiner of Surveys} ~~Deputy Surveyor~~

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

Survey commenced *December 5th*, 1908

Survey completed *December 5th*, 1908

NAMES AND DUTIES OF ASSISTANTS.

Wm L. White	Compassman
Jay E. Jellick	Chairman
Ralph M. Westrand	Chairman
Chas L. Shumway	Moundman
Fred L. Warner	Moundman
Robt E. Colborne	Flagman
Harry Lake May	Flagman

19
18

BOOK 2541

INDEX DIAGRAM.

Township 26 N., Range 16 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 _____, 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 "K"

North boundary of Tps. 26 N. R16 E.

Chavis

(10)

Survey commenced Nov. 5th 1908, and executed with a Young & Sons light mountain transit No. 10 with a Smith Solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least. Count of the verniers of the latitude and declination arcs. I examine the adjustments of the transit and find them perfect and know 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 determined by observations on Polaris, that the instrument is in satisfactory adjustment, therefore I begin at the Cor of Tps. 26 and 27 N, R's 16 and 17, ^{on the 4th Guide Meridian East} $E \frac{1}{4}$ latitude $35^{\circ}41'01''N$ Longitude $110^{\circ}34'59''W$, estab. by me as described in Standard Book "A" At this cor I set off $35^{\circ}41'N$ on the lat arc, $15^{\circ}40'$ S. on the decl. arc, and at 8^h44^m a.m. l.m.t. determined a meridian with the solar, thence I run,

$N 89^{\circ}41' W$, on a random line along the north boundary of Tps. 26 N, R16 E. Setting tape $\frac{1}{2}$ sec. and sec. cor. at intervals of 4000 chs and at 480.00 chs. intersect the West boundary of the Tps. 30 lbs. N. of the Cor. of Tps. 26 and 27 N, R's 15 and 16 E. which. Detablished Nov. 4th 1908, ^{as described in Exterior Book "M"} the falling answer to a correction of $0^{\circ}02'$ on 5 lbs. S. per mile counting from the N.E. cor. of the Tps., therefore I run,

$S 89^{\circ}43' E$, bet. sec. 6 and 31, marking the two line,

Descend S.E. slope over low rolling sand hills, through sage and greasewood brush undergrowth and bunch grass.

20.00 Top of descent in depression pass N.E. and S.W., leave hilly land pass N.E. and S.W., enter level land pass N.E. and S.W.

40.00 Set an iron post 3 ft. long, 1 in. in diam 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass Cop. $\frac{1}{4}$ 331 on N. half and 36 on S half.

Dig pits $18 \times 18 \times 12$ 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. W. of cor

50.00 Leave level land pass N.E. and S.W., enter hilly land pass N.E. and S.W., ascend steeply over N.W. slope.

51.35 Top of limestone bluff 20 ft. high pass 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. 5, 6, 31 and 32 marked on brass Cop R16 E. on E half. T 27 N, S 32 in N.E. T 26 N, S 5 in S.E. S 6 in S.W. and S 31 in N.W. quadrants.

Dig pits $18 \times 18 \times 12$ 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 hilly.

Soil sandy 3rd rate.

No timber

November 5th 1909

November 6th ¹⁹⁰⁹ At 9:00 a.m. am. I. m. l. D. set off. 35° 41' N. on
the lat. arc 15° 59' S. on the decl. arc. and determined a
meridian with the solar at the cor. of sec. 5, 6, 31 and 32,
above described

Thence D. run,

S 89° 43' E., bet. sec 5 and 32,

ascend n.w. slope over hilly 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 32 on N. half and
S 5 on S. half,

Dig pits 18 x 18 x 12 ins. each 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.

50.00 Top of sand ridge found the water shed bet. the waters flowing
into the Placer and Oasis Washes

80.00 Set an iron post 3 ft. long 3 ins. in diam. 24 ins. in the
ground for cor. of sec. 4, 5, 32 and 33 marked on brass cap.
N 16 E. on E. half. T 27 N S 33 in N.E. T 26 N. S. 4 in S.E. S 5 in
S.W. and S 32 in N.W. quadrants.

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

Land hilly.

Soil sandy 3rd rate.

No timber.

S 89° 43' E., bet. sec 4 and 33,

Over low rolling sand hills through sage and greasewood
brush undergrowth and bunch grass.

5.00 Top of sand ridge bears N.E. and S.W.

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

Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high. N. of cor
Pile impracticable

NOTE. At this cor. D. set off. 16° 02' S. on the decl. arc. and at
noon observe the sun on the meridian the resulting
latitude being 35° 41' N.

4270' Dry ravine course S.E. asc. gradually.

North boundary of Tp 26 N, R 16 E,

3

Behaw

72.00 Top of sand ridge bears N.E. and S.W. dec. gently.
 80.00 Behaw 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. Cop. T 16 E. on E. half. T 27 N. S. 34 in N.E. T 26 N. S. 3 in S.E. S 4 in S.W. and S 33 in N.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.
 Sand hilly.
 Soil sandy 3rd rate.
 No timber

S 89° 43' E., bet. sec. 3 and 34,
 Over low rolling sand hills through sage and greasewood brush undergrowth and bunch grass
 35.00 Point of sand ridge bears N.E.
 40.00 Behaw iron post 3 ft. long 1 in in diam 26 ins in the ground for 1/4 sec. cor. marked on brass Cop 1/4 S 34 on N half and S 3 on S. half.
 Dig pits 18x18x12 ins. East W. of post. 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. N. of cor.
 80.00 Behaw 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 Cop. T 16 E. on E. half. T 27 N S. 35 in N.E. T 26 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 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
 Sand rolling sand hills.
 Soil sandy 3rd rate.
 No timber

S 89° 43' E., bet. sec. 2 and 35,
 Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
 40.00 Behaw iron post 3 ft. long 1 in in diam. 26 ins in the ground for 1/4 sec. cor. marked on brass Cop 1/4 S. 35 on N half and S 2 on S. half.
 Dig pits 18x18x12 ins. East W. of post. 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

North boundary of Twp 26 N, R 16 E.

80.00 Behan iron post. 3 ft long 2 ins. in diam. 24 ins in the ground for cor. of sec 1, 2, 35 and 36. marked on brass cap. T 16 E. in E half. T 27 N. S 36 in N. E. T 26 N. S 1 in S. E. S 2 in S. W. and S 35 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

S 89° 43' E, beh. sec. 1 and 36,
Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass,
40.00 Behan iron post. 3 ft long. 1 in in diam. 26 ins. in the ground for 1/2 sec. cor. marked on brass cap '4 S 36 on N. half and S 1 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.

80.00 Intersect the cor. of Twp. 26 and 27. N. R 16. and 17 E, ~~as before~~ described in Standard Book "A"
Land rolling
Soil sandy 3rd rate.
No timber

November 16th 1908.

Boundaries of Twp 26 N, R 16 E.
Latitudes. Departures and Closing Errors.

Line Designated	Course	Distance	Latitudes		Departures	
			N	S	E	W
South Boundary	N 89° 41' W	480.26	2.66			480.26
West Boundary	NORTH	480.00	480.00			
North Boundary	S 89° 43' E	480.00		2.38	480.00	
East Boundary (4 th Guide Meridian E)	SOUTH	480.00		480.00		
Convergency					.51	
Totals			482.66	482.38	480.51	480.26
			482.30		480.26	
		Error in Run 0.28		Error in Def. 0.25		

Sidney E. Blout
U. S. Examiner of Surveys.

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} received from ~~the Commissioner of the United States Surveyor General Land Office~~ ^{the Commissioner of the}, bearing date of the ~~2nd day of Oct. 1907 and 15th day of May~~ ^{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 Land Office~~ ^{Commissioner of the}, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ~~the~~ ^{the} North boundary of Township N° 26 North, Range N° 16 East of the Gila and Salt River Base and Meridian, in the ~~Territory~~ ^{State} 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 Land Office~~ ^{Commissioner of the} and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Subscribed by said Sidney E. Blout, and sworn to before me See ^{United States Deputy Surveyor} ^{Examiner of Surveys} this _____ day of _____, 190



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona. APR 25, 1904

The foregoing field notes of the survey of the

North boundary of

Township N° 26 North, Range N° 16 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, 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 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.