4—679.

Exterior BOOK 2547

BOOK T 2547

MAR 28 1911

115
1

FIELD NOTES

OF THE SURVEY OF THE

East and North boundaries of Township No. 30 North, Range No. 18 East.

Of the Gila and Salt River Base and Meridian,

in the Territory of Arizona

EXECUTED AS ~~SURVEYED~~ BY

Sidney E. Bloch, United States ~~Deputy Surveyor~~, Examiner of Surveys

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

Survey commenced February 21st, 1909

Survey completed March 11th, 1909

6—151

116
14

BOOK 2547

NAMES AND DUTIES OF ASSISTANTS.

Van L. White	Compassman
Jay E. Jellick	Chainman
Lafayette Jennings	Chainman
Arthur A. Beard	Chainman
Fred L. Warner	Roundsman
Harry Lake May	Flagman

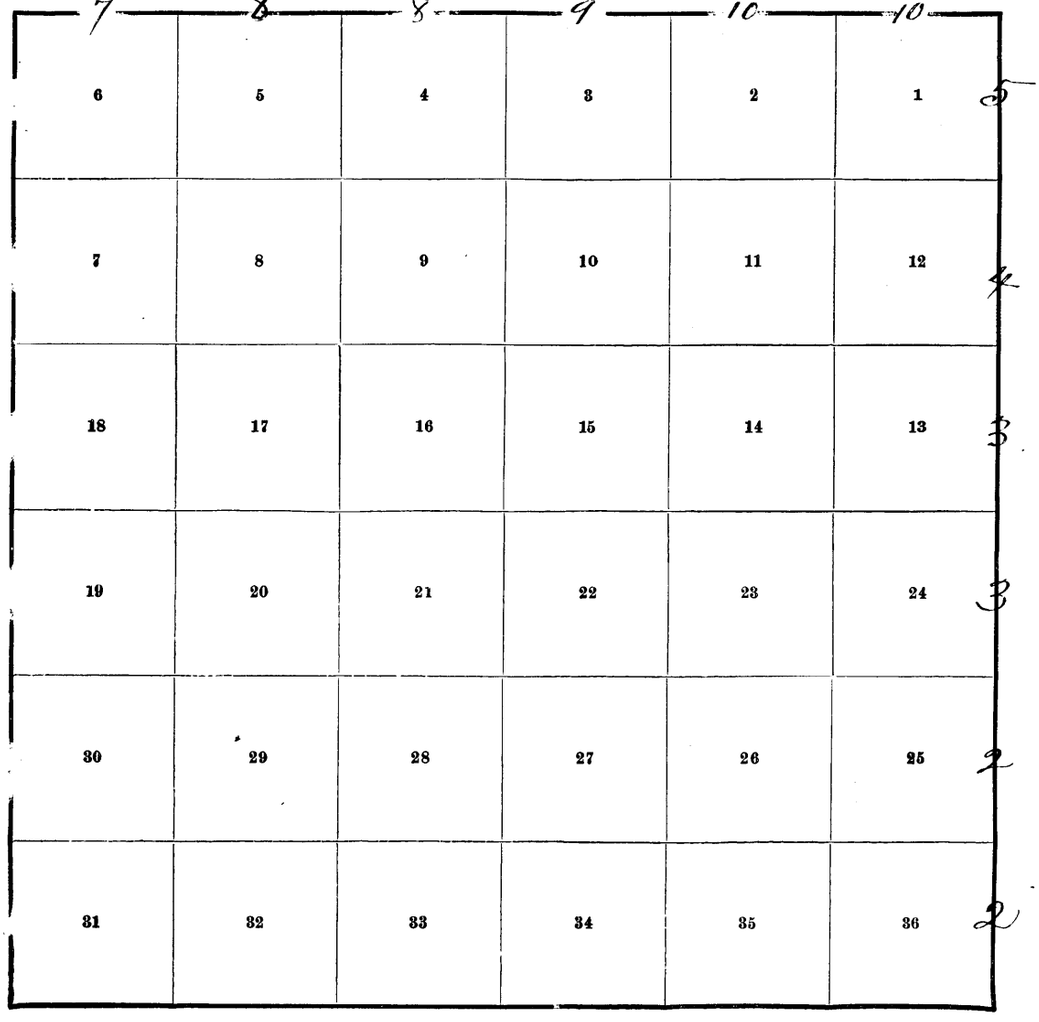
6—151

117

BOOK 2547

INDEX DIAGRAM.

Township 30 North, Range No 18 East.



Meanders Page.....

118
(C)

BOOK 2547

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

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

_____

_____

See Exterior Book P

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

_____

_____

6—151

East boundary of Ns. 30 N. R 18 E.

Claims

Survey Commenced Feb 21st 1909 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.

Examined the adjustments of the transit and correct- the level and collimation errors, then tested the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a meridian determined by observation on Polaris & proceed as follows.

At the Cor of Ns. 29 and 30 N. R's 18 and 19 E. which cl. I established January 15th 1909, as described in Exterior Book "Q" a latitude 35° 56' 41.1" N. Longitude 110° 21' 33" W. . Set off 35° 56½' N. on the lat. arc 10° 29½' S. on the decl. arc. and at 3h 48m p.m. l.m.t. determined a meridian with the solar and mark a point thereof by a tack driven in a stake set in the ground 5 chs. N. of the Cor. At 9h 15.8m p.m. l.m.t. by my watch which is correct. local mean time. I observed Polaris at western elongation in accordance with instructions in the Manual, and mark the line thus determined by a tack driven in a wooden plug set in the ground 5 chs N. of the cor.

February 21st 1909

Feb 22nd 1909 At 7h 00m a.m. l.m.t. I lay off the azimuth of Polaris 1° 27.5' to the east and mark the meridian thus determined by a tack driven in the stake set last evening, on which the meridian falls 0.25 ins east of the point determined by the solar

At 7h 30m a.m. l.m.t. I set off 35° 56½' N. on the lat. arc 10° 13' S. on the decl. arc and mark the meridian determined by the solar by a tack driven in the stake already set 5 chs. N. of the Cor.; this point falls 0.1 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 0'13" west and

East boundary of T. 30 N. R 18 E.

0.05" east of the meridian established by the Polaris observation. therefore I conclude that the adjustments of the instruments are satisfactory. thence I run North, bet. secs 31 and 36,

Ascend gradually over S.E. slope 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 1/4 sec. cor marked on brass Cap 1/4 S 36 on W. half and S 31 on E half.

Dig pits 18 x 18 x 12 ins. Mound 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.

46.25 Road to Placerville bears N.E and S.W.

48.00 Enter cedar timber bears E and W.

51.00 Leave timber bears E and W.

71.00 W/p of low sand ridge bears N.W. and S.E., enter scattering cedar timber bears N.W. and S.E. due N.E. slope of ridge

80.00 Set an iron post 4 ft long 3 ins in diam 36 ins in the ground for cor of secs. 25 30. 31 and 36., marked on brass Cap T 30 N. on N. half. R 18 E. S 25 in N.W. R 19 E. S 30 in N.E. S 31 in S.E. and S 36 in S.W. quadrant. from which. A cedar 5 ins in diam. bears N 24 1/2° E 20 lks dist marked T 30 N. R 19 E S. 30 B.T.

A cedar 20 ins in diam bears S 21 3/4° E 25 4 lks dist marked T 30 N. R 19 E S 31 B.T.

A cedar 12 ins in diam. bears S 18° W 22 9 lks dist. mkd. T 30 N. R 18 E S 36. B.T.

A cedar 4 ins in diam. bears N 78 3/4° W 34 lks dist mkd. T 30 N. R 18 E S 25 B.T.

Land rolling.

Soil sandy 2nd and 3rd rate.

Timber Cedar

North, bet. secs 25 and 30,

Descend gradually over N.E. slope over rolling sandy land through scattering cedar timber. and sage brush undergrowth

22.00 Leave timber 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 1/4 sec. cor marked on brass Cap. 1/4 S 25 on W. half and S 30 on E half.

Dig pits 18 x 18 x 12 ins. Mound S. of post 3 ft dist and

raise a mound of earth 3½ ft. base, 1½ ft. high. W. of cor.
48.00 Foot of descent in dry ravine 40 lks. wide 4 ft. deep.
course S.E., leave rolling land bears N.W. and S.E., enter
level adobe land bears N.W. and S.E..
80.00 Set an iron post 4 ft. long 3 ins. in diam. 36 ins. in
the ground for cor. of secs. 19, 24, 25 and 30., marked
on brass cap T 30 N. on N half., R 18 E S 24 in N.W.
R 19 E S 19 in N.E. S 30 in S.E. and S 25 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.
Land level and rolling
Soil sandy and adobe 2nd and 3rd rate.
Timber Cedar

North, bet. secs 19 and 24,
Over level adobe 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 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.
80.00 Set an iron post 4 ft. long. 3 ins. in diam. 36 ins. in
the ground for cor. of secs 13, 18, 19 and 24. marked
on brass cap T 30 N. on N. half. R 18 E S 13 in N.W.
R 19 E. S 18 in N.E. S 19 in S.E. and S 24 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.
Land level.
Soil adobe 2nd rate.
No timber

North, bet. secs. 13 and 18,
Over level adobe land through scattering sage and
greasewood brush undergrowth and bunch grass.
2.00 Leave level land bears N.E and S.W. ascend gently
S.E. slope over rolling sandy land.
34.00 Leave rolling sandy land bears N.E and S.W. enter
stony land and scattering cedar timber 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.13 on W half.
and S18 on E half. from which.
A pinion pine 6 ins. in diam. bears N 88½° E 7 lks. dist.
marked 1/4 S.18 B.T.
A pinion pine 8 ins. in diam. bears S 55½° W 96 lks. dist.
marked 1/4 S.13 B.T.

45.00 Top of rocky ridge bears N.E and S.W. desc. N.W. slope
64.00 Leave stony land and timber bears N.E and SW., enter
rolling sandy land bears N.E and S.W.
80.00 Set an iron post 4 ft. long, 3 ins in diam, 36 ins. in
the ground for cor. of secs. 7.12.13 and 18., marked on brass cap.
T30N. on N. half, R18E S12 in N.W. R19E. S7 in N.E.
S18 in S.E. and S.13 in SW quadrants.
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 level rolling and hilly.
Soil sandy adobe and stony 2nd 3rd and 4th rate.
Timber pinion pine and cedar
NOTE: At this cor I set off 10° 11½' S. on the decl. arc and at
[illegible] noon observe the sun on the meridian
and obtain on the lat. arc. a reading of 36° 00' N.

North, bet. secs. 7 and 12,
Descend N.W. slope over rolling sandy land through
scattering sage and greasewood brush undergrowth
and bunch grass
11.00 Dry ravine course SW. asc. S.E. slope
27.00 Enter scattering pinion pine and cedar timber bears
N.E 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
S12 on W half and S7 on E half, from which.
A cedar 8 ins. in diam. bears N49°E 68 lks dist. marked
1/4 S 7 B.T.
A cedar 20 ins. in diam bears N13°W 75 lks. dist.
marked 1/4 S12 B.T.
44.00 Top of rocky ridge bears N.E and S.W. desc. over N.W.
slope
46.00 Leave timber bears N.E and SW.
60.00 Foot of descent, leave rolling land bears N.E and S.W

Chains	
80.00	Set an iron post 4 ft long 3 ins. in diam. 36 ins. in the ground for Cor. of secs. 1. 6. 7 and 12. mkd. on brass Cap T 30 N on N. half. R 18 E S 1 in N.W. R 19 E S 6 in N.E. S 7 in S.E. and S 12 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.
	Land level rolling and hilly.
	Soil sandy and stony 2nd 3rd and 4th rate.
	Timber Cedar.
	North, bet. secs. 1 and 6;
	Over level sandy land through sage and greasewood brush undergrowth and bunch grass.
27.00	Dry sand wash Course S.W. leave level land bears N.E. and S.W. enter rolling land bears N.E. and S.W. ascend S.E. slope.
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 1 on W. half. and S 6 on E. half. from which.
	A Cedar 8 ins. in diam, bears N 63¾° E 208 lks. dist. marked ¼ S 6 B.T.
	No other trees available.
	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.
68.00	Enter cedar and pinion pine timber N.E. and S.W.
80.00	Set an iron post 4 ft. long 3 ins. in diam. 36 ins in the ground for Cor. of Tps. 30 and 31 N. R's 18 and 19 E, marked on brass Cap T 31 N. in N half. and T 30 N in S half. R 18 E S 36 in N.W. R 19 E S 31 in N.E. R 19 E S 6 in S.E and R 18 E S 1 in S.W. quadrant. from which.
	A cedar 10 ins in diam. bears N 87° E 125 lks. dist, mkd. T 31 N. R 19 E S 31 B.T.
	A Cedar 20 ins. in diam. bears S 17½° E 51 lks. dist. mkd. T 30 N. R 19 E. S 6 B.T.
	A Cedar 18 ins. in diam bears S 26½° W 29 lks. dist. mkd. T 30 N. R 18 E S 1 B.T. and
	A Cedar 20 ins. in diam, bears N 9½° W 137 lks. dist, mkd. T 31 N. R 18 E S 36 B.T.
	Land level and rolling.
	Soil sandy 3rd rate.
	Timber pinion pine and Cedar

129 BOOK 2547

6 Claims

East boundary of Wp. 30 N, R 18 E.

February 22nd 1909.

North boundary of Wp. 30 N. R 18 E.

Claims

Survey Commenced Mch 10th 1909. and Executed with a Wm 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 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 good, 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 determined by observation on Polaris, that the instrument is in satisfactory adjustment, therefore I began at the Cor of Wps. 30 and 31 N. Rs 18 and 19 E. which I established Feb. 22nd 1909. as hereinbefore described, Latitude 36° 01' 54" N. Longitude 116° 21' 33" W.

At 7h 00m a.m. l.m.t. I set off 36° 02' N. on the Lat. arc 4° 09' S. on the decl. arc. and determined a meridian with the solar at this Cor.;

Thence I run,

N 89° 59' W., on a random line, along the N. bdry of Wp. 30 N. R 18 E. setting temp. 1/4 sec. and sec. Cors. at intervals of 40.00 Chs.: And at 478.70 chs intersect the W. bdry of Wp. 15 lks. S. of the cor. of Wps 30 and 31 N. Rs 17 and 18 E., recently established by me as described in Exterior Book "U" The falling answers to a correction of 0° 01' or 2½ lks. N. per mile counting from the N.E. cor. of the Wp.

Clouds obscure the sun at noon today rendering an observation for latitude impossible

March 10th 1909.

March 11th 1909 At 7h 30m a.m. l.m.t. I set off 36° 02' N. on the Lat. arc. 3° 46½' S. on the decl. arc. and determined a meridian with the solar at the cor. of Wps. 30 and 31 N. Rs 17 and 18 E., described in Exterior Book "U" Thence I run

S 89° 58' E., Set sec. 6 and 31, marking and blazing the true line,

Ascend W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

4.70 Top of low sand ridge bears N. and S. desc. gradually over E. slope.

18.70 Foot of gradual descent, bears rolling land bears N and S, Enter level land bears N. and S.

38.70 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 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.

78.70 Set an iron post 4 ft. long 3 inch in diam. 36 ins. in the ground for cor. of secs. 5, 6, 31 and 32. marked on brass cap R 18 E. on E half T 31 N S 32 in N.E. - T 30 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 level and rolling.
Soil sandy 2nd and 3rd rate.
No timber

S 89° 58' E., 5 ch. secs. 5 and 32,
Over level sandy land through sage and greasewood brush undergrowth and scattering bunch grass.

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 32 on N. half and S 5 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 4 ft. long 3 ins. in diam. 36 ins. in the ground for cor. of secs. 4, 5, 32 and 33. marked on brass cap R 18 E on E half T 31 N. S 33 in N.E. T 30 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 level.
Soil sandy 2nd and 3rd rate.
No timber

S 89° 58' E., 5 ch. secs 4 and 33,
Ascend 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 1/4 sec. cor., marked on brass cap 1/4 S 33 on N. half and S 34 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 4 ft. long 3 ins. in diam 36 ins. in the ground for cor. of secs. 3, 4, 33 and 34, marked on brass cap R 18 E on E half, T 31 N S 34 in NE. T 30 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. 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

S 89° 58' E., bet. secs. 3 and 34,
Ascend gradually over N.W. slope over rolling ~~Sandy~~ land through scattering sage and greasewood brush. undergrowth and bunch grass.
38.00 Enter scattering pinion pine and cedar timber bears N. and S.
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 34 on N. half and S 3 on S. half, from which
A pinion pine 4 ins. in diam. bears N 56¼° E 156 lks. dist, marked 1/4 S 34 B.T.
A pinion pine 6 ins. in diam. bears S 36¼° W 159 lks. dist. marked 1/4 S 3 B.T,
44.00 Top of sand ridge bears N. and S. desc. E. slope.
72.00 Dry ravine/rabine course N. asc.
76.50 Top of sand ridge bears N.W. and S.E. desc. N.E. slope
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 brass cap R 18 E on E half. T 31 N S 35 in N.E. T 30 N S 2 in S.E. S 3 in S.W. and S 34 in N.W. quadrant. from which
A cedar 12 ins. in diam. bears N 42½° E 61 lks. dist. marked T 31 N. R 18 E S 35 B.T.
A Cedar 8 ins. in diam. bears S 34½° E 120 lks. dist, marked T 30 N. R 18 E S 2 B.T.
A cedar 12 ins. in diam. bears S 29° W 97 lks. dist marked T 30 N. R. 18 E S 3 B.T.

North boundary of Tp 30 N. R 18 E.

10 Chains

BOOK 2547

A pinion pine 8 ins. in diam. bears N 69° W 143 lks. dist, marked T 31 N. R 18 E. S 34 B.T.
Land rolling.
Soil sandy 2nd and 3rd rate.
Timber pinion pine and cedar.

S 89° 58 E., beh. secs. 2 and 35,
Descend N.E. slope over hilly sandy land through scattering pinion pine and cedar timber and sage brush undergrowth.

3.00 Dry ravine course N.W. asc. S.W. slope.
17.00 Top of sand ridge bears N. and S. desc.
18.00 Leave timber bears N. and S.
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 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 raised mound of earth 3½ ft. base, 1½ ft. high N. of cor.
42.65 Dry ravine course S.E. Leave hilly land bears N.W. and S.E., Enter level land bears N.W. and S.E.
77.25 Dry ravine 8 lks. wide 3 ft. deep course N.
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 brass Cap R 18 E. on E half. - T 31 N. S 36 in N.E. T 30 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. 5½ ft. dist and raised mound of earth 4 ft. base, 2 ft. high W. of cor.
Land level rolling and hilly.
Soil sandy 2nd and 3rd rate.
Timber pinion pine and cedar.

S 89° 58' E., beh. secs. 1 and 36,
Over level sandy land through sage and greasewood brush underg rowth and bunch grass.

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 31 on S. half.
Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. dist. and

Claims

raise a mound of earth 3½ ft. base 1½ ft. high N. E. Cor.

66.00 Enter scattering jurison pine and cedar timber bears N.W. and S.E.

80.00 Intersect the Cor. of Pps. 30 and 31 N. Rs 18 and 19 E., hereinbefore described.

Land level.

Soil. Sandy 2nd and 3rd rate.

Timber jurison pine and cedar timber

NOTE:- Clouds obscure the sun at noon today rendering an observation for latitude impossible

March 11th 1909.

Boundaries of Pp 30 N. R 18 E.
Latitudes Departures and Closing errors.

Line Designated	True Bearing	True Distance	Latitudes		Departures	
			N	S	E	W
			chs	chs	chs	chs
South Boundary	N 89°59' W	479.32	0.14			479.32
West Boundary	North	480.00	480.00			
North Boundary	S 89°58' E	478.70		0.28	478.70	
East Boundary	South	480.00		480.00		
Convergence					0.51	
Totals			480.14	480.28	479.21	479.32
				480.14		479.21

Error in Latitude 0.14

Error in Dep 0.11

General Description

This township is rolling in the northern and southern parts and hilly through the central part, and level in the eastern part.

Nearly the entire township is prairie land. there being very little agricultural land. in the township. The soil is a sandy loam and can nearly all be classed as 3rd rate. is covered with an abundant growth of. Much grass. which gives to the township its greatest value as a range for the pasturing of stock.

The township is poorly watered and has very little timber on it.

The township should be subdivided.

130.
12

BOOK 2547

Sidney E Bloods
U.S. Examiner of Surveys

NOTE: Final affidavits in book "Y" of Exteriors.

BOOK 2547 131

13

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

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 E. and N. Bdrys. of T. 9 N. No. 30 N. R 18 E. of the Gila and Salt River Base and Meridian in the Territory of Arizona, showing the respective capacities in which they acted:

Van L. White, Compassman

Jay E. Jellick, Chainman.

Lafayette Jennings and Arthur A. Beard, Chainmen.

Fred L. Warner, Moundman.

_____, ~~Moundman.~~

_____, ~~Axman.~~

_____, ~~Axman.~~

Harvey Lake Ray, 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.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

6—151

132
14 BOOK 2547

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

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~~ Land Office, bearing date of the 2nd day of Oct. ~~day of~~ 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 Commissioner of the ~~United States Surveyor~~ General ~~for~~ 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
Township No 30 North, Range No 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 Commissioner of the ~~United States Surveyor~~ General ~~for~~ 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 ____ day of ____, 190

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona APR 25 1, 1904

The foregoing field notes of the survey of the

East and North boundaries of

Township No 30 North, Range No 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.~~ Special Instructions from the Commissioner of the General Land Office, dated October 2, 1907 and May 15, 1908, ~~100~~, 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.~~

6—151