

MAR 28 1911

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Exterior
BOOK-S-

BOOK 2546

2546

FIELD NOTES

OF THE SURVEY OF THE

*East and North boundaries of
Township No. 30 N. R. 20 E*

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

the Territory of Arizona

EXECUTED
AS SURVEYED BY

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

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 23rd*, 1909

Survey completed *February 25th*, 1909

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BOOK 2546

NAMES AND DUTIES OF ASSISTANTS.

Van L. White	Compassman
Jas. E. Fellick	Chairman
Lafayette Jennings	Chairman
Arthur A. Beard	Chairman
Chas. L. Shumway	Cumman
Pred. L. Warner	Moundman
Edw. W. Lake Roy	Flagman

BOOK 2546

INDEX DIAGRAM.

Township *30 North*, Range *19 East*

<i>7</i> 6	<i>8</i> 5	<i>9</i> 4	<i>9</i> 3	<i>10</i> 2	<i>11</i> 1	<i>5</i>
7	8	9	10	11	12	<i>4</i>
18	17	16	15	14	13	<i>3</i>
19	20	21	22	23	24	<i>2</i>
30	29	28	27	26	25	<i>1</i>
31	32	33	34	35	36	<i>1</i>

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BOOK 2546

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"

Survey commenced Feb 23rd 1909 and executed with a Young and Sons light mountain transit 710.10 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 crumb of the verniers of the latitude and declination arcs.

For last complete test of the instruments see field notes of the survey of the E. bdy. T 30 N, R 18 E. Book D page 1.

X Extension

I begin at the cor. of Twp. 29 and 30 N, R's 19 and 20 E. which I established Feb 2nd 1909, ^{as described in Exterior Book "R"} Latitude 35° 56' 41" N; Longitude 110° 15' 08" W.

At 8^h 00^{am} l.m.t. I set off 35° 56 1/2' N. on the lat. arc, 9° 52' S. on the decl. arc. and determined a meridian with the solar at the above described cor.; Then I run, North, bdy. sec. 31 and 36,

across S.E. slope over rolling sandy land through sage and greasewood bush undergrowth and bunch grass.

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. "4 S 36 on W. half and S 31 on E half.

Dig pits 18x18x12 ins. 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.

53.00 Enter scattering cedar timber bdy E and W.

70.00 Leave timber bdy E and W.

80.00 Set an iron post 4ft. long, 3 ins. in diam., 36 ins. in the ground for cor. of sec. 25, 30, 31 and 36. marked on brass cap T 30 N. on N. half T 19 E S 25 in N.W. T 20 E. S 30 in N.E. S 31 in S.E. and S 36 in S.W. quadrants.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4ft. base 2ft. high W. of cor. Land rolling.

Soil sandy 2nd and 3rd rate.

Timber Cedar

North, bdy. sec. 25 and 30;

across S.E. slope over rolling sandy land. through scattering sage and greasewood bush undergrowth and bunch grass.

35.00 Enter scattering pinon pine and cedar timber bdy E and W.

East boundary of T₃₀N. R₁₉E.

Chains

- 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, from which:
 A cedar 10 ins. in diam. bearing S 56 $\frac{1}{2}$ ° E 77 lks. dist, marked $\frac{1}{4}$ S 30 B.T.
 A cedar 12 ins. in diam. bearing S 77° W 121 lks. dist, marked $\frac{1}{4}$ S 25 B.T.
- 50.00 Top of high sand ridge bears N.E. and S.W. Leave timber bears N.E. and S.W., descend gradually over N.W. slope
- 70.00 Enter scattering cedar timber bears East W.
- 80.00 Set an iron post 4 ft. long 3 ins. in diam., 36 ins. in the ground for cor. of sec. 19, 24, 25 and 30 marked on brass cap T 30 N. on N. half, R 19 E S 24 in N.W. R 20 E S 19 in N.E. S 30 in S.E. and S 25 in S.W. quadrant. from which:
 A pinon pine 18 ins. in diam. bearing N 2 $\frac{1}{2}$ ° E 156 lks. dist marked T 30 N R 20 E S 19 B.T.
 A pinon pine 20 ins. in diam. bearing S 22 $\frac{3}{4}$ ° E 61 lks. dist, marked T 30 N. R 20 E. S 30 B.T.
 A cedar 10 ins. in diam. bearing S 27 $\frac{1}{4}$ ° W 83 lks. dist, marked T 30 N R 19 E S 25 B.T.
 A pinon pine 10 ins. in diam. bearing N 64° W 42 lks. dist, marked T 30 N. R 19 E S 24 B.T.
- Land rolling.
 Soil sandy 3rd rate.
 Timber pinon pine and cedar

North, Feb. Secs. 19 and 24,

Descend N.W. slope over rolling sandy land through through scattering pinon pine and cedar timber and sage brush undergrowth. 2 ft. high.

- 7.00 Dry ravine course N.E. asc.
- 10.00 Top of ridge bears N.E. and S.W. desc.
- 20.00 Dry ravine course N.W. asc.
- 39.50 Top of 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 24 on W half and S 19 on E half. from which:
 A cedar 12 ins. in diam. bearing N 65 $\frac{3}{4}$ ° E 142 lks. dist marked $\frac{1}{4}$ S 19 B.T.

Chains

58.00 A cedar 8 in. in diam, bears S 20 3/4° W 146 lks. dist. marked 1/4 S 24 B.T.

70.00 Dry ravine course N.W. arc. S.W. slope

80.00 Leave timber bears N.W. and S.E.

Set an iron post. 4 ft. long 3 in. in diam. 36 in. in the ground for cor. of sec. 13, 18, 19 and 24, marked on brass cap T 30 N. on N. half, R 19 E S 13 in N.W. R 20 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 1/2 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Sand rolling.

Soil sandy sand stony 3rd and 4th rate.

Timber pinon pine and cedar.

NOTE: - At this cor I set 9° 49 1/2' S on the decl. arc. and at 12 3/4' of noon. - observe the sun on the meridian the resulting latitude being 35° 59 1/2' N.

North, bet. sec. 13 and 18,

Ascend S.W. slope of ridge over hilly sandy and stony land through scattering sage and greasewood brush undergrowth and bunch grass.

20.00 Enter scattering cedar and pinon pine timber bears N.W. and S.E.

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

30.00 Leave timber bears E. and 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 brass cap. 1/4 S 13 on W half and S 18 on E half.

Dig pits 18x18x12 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.

72.00 Enter scattering pinon pine and cedar timber bears E and W.

80.00 Set an iron post. 4 ft. long. 3 in. in diam. 36 in. in the ground for cor. of sec. 7, 12, 13 and 18. marked on brass cap. T 30 N. on N. half, R 19 E S 12 in N.W. R 20 E S 7 in N.E. S 18 in S.E. and S 13 in S.W. quadrants. from which.

A cedar 6 in. in diam bears N 61 1/2° E 210 lks. dist. marked. T 30 N R 20 E S 7 B.T.

A cedar 8 in. in diam. bears S 53 1/4° E 195 lks. dist.

East boundary of T30 N. R19 E.

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marked T30 N. R20 E S18 B.T.
 No other trees suitable for bearing trees within limits
 Dig pits 24x24x12 ins. in each sec. N.W. and S.W. of
 post. 5 1/2 ft. dirt, and raised mound of earth 4 ft.
 base, 2 ft. high W. of cor
 Land hilly
 Soil sandy and stony 2nd 3rd and 4th rate.
 Timber pinion pine and cedar.

North, bet. secs. 7 and 12,
 Descend N. slope over rolling sandy land through
 scattering pinion pine and cedar timber, and sage
 brush undergrowth.

- 4.00 Least timber bear N.W. and S.E.
- 37.00 Foot of descent in depression bear N.E. and S.W.
 drain to the S.W. asc. S.W. slope of ridge
- 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.
 1/4 S12 on W. half and S7 on E half. from which
 Cedar 8 ins. in diam bear S2 1/4 E 100 lbs. dist,
 marked 1/4 S7 B.T.
 Cedar 24 ins. in diam bear N39 1/2 W 210 lbs. dist.
 marked 1/4 S12 B.T.
- 42.00 Top of rocky ridge bear N.W. and S.E. desc. N slope
- 66.00 Top of sand stone ledge 10 ft. high bear N.W. and S.E.
- 67.00 Foot of ledge bear N.W. and S.E. thence over rolling
 sandy land.
- 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. marked
 on bear cap T30 N. on N. half, R19 E S1 in N.W.
 R20 E S6 in N.E. S7 in S.E. and S12 in S.W. quadrants.
 from which.
 A pinion pine 6 ins. in diam. bear S70 1/2 W 142
 lbs. dist. marked T30 N. R19 E S12 B.T.
 Cedar 5 ins. in diam. bear N57 W 216 lbs.
 dist marked T30 N. R19 E S1 B.T.
 No other trees available
 Dig pits 24x24x12 ins in each sec. N.E. and S.E. of
 post. 5 1/2 ft. dirt, and raised mound of earth 4 ft.
 base, 2 ft. high W. of cor.
 Land rolling and hilly.

East Boundary of T₃₀N, R₁₉E.

Chains

Soil sandy and stony 2nd and 3rd rate.
Timber fir, pine and cedar.

North, Secs. 1 and 6,

Descend gradually N.E. slope over hilly sandy
land through scattering fir, pine and cedar
timber and scattering sage brush and dogwood

6.00

Reach timber beam N.W. and S.E.

13.50

Dry ravine course S.W. asc. gradually.

25.40

Top of sand stone ledge 10 ft. high. Bear N.E. and
S.W. leave hilly sandy ^{large} land N.W. and S.E. asc. S.
slope over broken stony land covered with scattering
cedar timber bear N.W. and S.E.

30.00

Top of rocky spur bear N.E. and S.W. desc. N.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 out brass cap.
1/4 S 10 W half and S 6 on E half. from which.
A cedar 10 ins. in diam. bear S 43 E 272 lks. dist.
marked $\frac{1}{4}$ S 6 B.T.

No other trees available

Dig pits 18x18x12 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.

57.00

Top of sand stone ledge 20 ft. high bear N.E. and S.W
ascend

60.00

Top of ledge bear N.E. and S.W. thence over broken
stony land.

80.00

Set an iron post 4 ft. long 3 in in diam. 36 ins in
the ground for cor. of T₃₀N, R₁₉E and S₃₁E. marked out brass cap. T 31 N. on N half.
T 30 N. on S half. R 19 E S 36 in N.W. T 20 E S 31
in N.E. T 20 E S 6 in S.E. and T 19 E S 1 in S.W.
quadrant. from which.

A cedar 10 ins. in diam. bear N 59 1/2 E 256 lks. dist.
marked T 31 N R 20 E S 31 B.T.

A cedar 8 ins. in diam. bear S 34 1/2 E 106 lks. dist.
marked T 30 N R 20 E S 6 B.T.

A cedar 12 ins. in diam. bear S 74 3/4 W 113 lks.
dist. marked T 30 N R 19 E S 1 B.T. and

A cedar 14 ins. in diam. bear N 40 3/4 W 84 lks
dist. marked T 31 N R 19 E S 36 B.T.

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Land rolling hilly and broken.
Soil sandy and stony 3rd and 4th rate.
Timber previous pine and cedar timber

February 23rd 1909

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Feb 24th 1909, At 7^h 30^m a.m. ^{l.m.t.} set off 36° 02' N, on the lat. arc. 9° 29' S. on the decl. arc. and determine a meridian with the solar at the cor. of T₁ 30 and 31 N, R 19 and 20 E, ^{hereinbefore described} which I established Feb 23rd 1909. Lat 36° 02' N, Longitude 110° 15' W. Thence I run,

S 89° 58' W., on a random line, along the N. bdy. of T₁ 30 N, R 19 E. Setting temp & rec. and rec. cor. at intervals of 40.00 chs, and at 478.84 chs. intersect the West bdy. of T₁ 60 lks. S. of the cor. of T₁ 30 and 31 N, R 18 and 19 E, estab. by me as described in Exterior Book "T"

The falling answers to a correction of 0° 04' or 10 lks N. per mile counting from the N.E. cor. of the T₁.

At the temp. point for cor. of recs. 4, 5, 32 and 33. set off 9° 27' S on the decl. arc. and at noon observe the sun on the meridian and obtain on the lat. arc. a reading of 36° 02' N, Feb 24th 1909.

Feb 25th 1909 At 7^h 00^m a.m. ^{l.m.t.} set off 36° 02' N on the lat. arc. 9° 07' S. on the decl. arc. and determine a meridian with the solar at the cor. of T₁ 30 and 31 N, R 18 and 19 E, ^{described in Exterior Book "T"} Thence I run

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

Over hilly sandy land through scattering prairie pine and cedar timber

- 12.00 Leave timber bears N.E. and S.W. begin descend over S.E. slope through scattering sagebrush undergrowth
- 20.00 Foot of descent, leave stony land bears N.E. and S.W., enter level sandy land bears N.E. and S.W.
- 38.84 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 4 rec. cor., marked on brass cap T 31 on N half and 36 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 N. of cor
- 70.00 Leave level land bears N.E. and S.W. ascend N.W. slope over rolling land.
- 78.84 Set an iron post 4 ft. long 3 ins. in diam. 36 ins. in the ground for cor. of recs. 5, 6, 31 and 32, marked on brass cap T 19 E on E half. T 31 N S 32 in N.E. T 30 N S 5 in S.E. 36 in S.W. and 331 in N.W. quadrants

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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 and stony 2nd, 3rd and 4th rate
Timber fir, pine and cedar

T₃₀N. R₁₉E, Secs. 5 and 32,

Over rolling sandy land through sage and greasewood
bush undergrowth and bunchgrass

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.

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.

44.00 Enter scattering fir, pine and cedar timber land
N.E. and S.W.

72.00 Land rolling land toward N.E. and S.W. Enter stony
mountainous land toward N.E. and S.W. ascend abruptly
over sand stone cliffs. toward N.E. and S.W.

73.50 Top of cliff. 40 ft. high toward N.E. and S.W., land
mountainous land toward N.E. and S.W., Enter rolling
land toward 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. 4, 5, 32 and 33.
marked on brass cap T₃₀N. R₁₉E on E half. T₃₁N. S₃₃ in N.E.
T₃₀N. S₃₄ in S.E. S₃₅ in S.W. and S₃₂ in N.W. quadrant.
From which

A cedar 6 ins. in diam. toward N 6¾° E 94 lbs., marked T₃₁
N. R₁₉E S₃₃ B.T.

A fir 6 ins. in diam. toward S 20¾° E 174 lbs.
dist. marked T₃₀N. R₁₉E S₃₄ B.T.

A fir 10 ins. in diam. toward S 33° W 111 lbs.
dist. marked T₃₀N. R₁₉E. S₃₅ B.T.

A cedar 14 ins. in diam. toward N 37¾° W. 203 lbs. dist.
marked T₃₁N. R₁₉E S₃₂ B.T.

Land rolling and mountainous.

Soil sandy and stony 3rd and 4th rate.

Timber fir, pine and cedar.
Mountainous land. 125 chs.

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S 89° 58' E, bet. sec 4 and 33,
Ascend N.W. slope over rolling sandy land through
scattering pinon pine and cedar timber and sage
brush & undergrowth.

5.00 Top of ridge bet sec N.E. and S.W. desc over S.E. slope
34 40 Wood road bet sec 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. cov. marked on base cap 1/4 S 33
on N. half and 34 on S. half from which.

A cedar 8 ins. in diam bet sec N 59 1/4° E 33 lks. dist
marked 1/4 S 33 B.T.

A cedar 10 ins. in diam. bet sec S 51° E 38 lks. dist. mkt.
1/4 S 4 B.T.

46.15 Dry ravine course S.E. asc S.W. slope

49.20 Top of ridge bet sec N.W. and S.E. desc

75.00 Enter timber bet sec N and S.

80.00 Set an iron post 4 ft. long 3 ins. in diam 36 ins. in
the ground for cov. of sec. 3, 4, 33 and 34 marked
on base cap R 19 E on E half. T 31 N S 34 in N.E. T 30 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. 5 1/2 ft. dist.
and raise a mound of earth 4 ft. base 2 ft. high.
W. of cov.

Land rolling and hilly.
Soil sandy 3rd rate.

Timber pinon pine and cedar.

NOTE:- At this cov I set off 9° 05' S. on the decl. arc
and at 10:00 noon observe the sun on the
meridian, the resulting latitude being 36° 02' N.

S 89° 58' E, bet. sec. 3 and 34,
Over rolling sandy land slope to the S.E. through
sage and greasewood brush & undergrowth 2 ft. high.

40.00 Set an iron post 3 ft. long 1 in. in diam, 26 ins. in the
ground for 1/4 sec. cov. marked on base cap 1/4 S 34 on
N. half and S 3 on S half.

Dig pits 18 x 18 x 12 ins. East W. of post. 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high.
W. of cov.

69.25 Dry ravine course S.W. ascend N.W. slope.

70.00 Enter scattering pinon pine and cedar timber

North boundary of T₃₀N. R₁₉E

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- 80.00 Set an iron post 4 ft. long 3 in. in diam. 36 in. in the ground for cor. of sec. 2, 3, 34 and 35 marked on brass cap T₁₉E on E half, T₃₁N S 35 in N.E., T₃₀N S 2 in S.E., S 3 in S.W. and S 34 in N.W. quadrant. from which.
 A piñon pine 10 in. in diam. head N 78° E 408 lbs. dia. marked T₃₁N, T₁₉E S 35 B.T.
 A piñon pine 8 in. in diam. head S 78¾° E 265 lbs. dia. marked T₃₀N, T₁₉E S 2 B.T.
 A piñon pine 8 in. in diam. head S 58½° W 446 lbs. dia. marked T₃₀N T₁₉E S 3 B.T. and.
 A piñon pine 6 in. in diam. head N 34¾° W 255 lbs. dia. marked T₃₁N T₁₉E S 34 B.T.
 Land rolling and hilly.
 Soil sandy 2nd and 3rd rate.
 Timber piñon pine and cedar
- S 89° 58' E, 1/2 sec. sand 35;
 Descend S.E. slope of ridge on hilly sandy land through scattering piñon pine and cedar timber and scattering sage brush undergrowth 2 ft. high.
- 5.00 Leave timber head N and S.
- 9.00 Foot of descent. Cross dry ravine 30 lbs wide 10 ft. deep course S.W. ascend
- 13.00 Road bear N and S. leads from Placea Ariz. to Chin Lee Ariz
- 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 brass cap 1/4 S 35 on N half and S 2 on S half.
 Dig pits 18x18x12 in. E and W. of post. 3 ft. dia. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
- 64.00 Top of ascent on sand stone ledge 15 ft. high, bear N and E. leave hilly land bear N and S. enter rolling land bear N and S.
- 64.50 Enter scattering cedar and piñon pine timber.
- 80.00 Set an iron post 4 ft. long 3 in. in diam. 36 in. in the ground for cor. of sec. 1, 2, 35 and 36. marked on brass cap. T₁₉E on E half. T₃₁N S 36 in N.E., T₃₀N, S 1 in S.E., S 2 in S.W. and S 35 in N.W. quadrant. from which.

North boundary of Twp 30 N, R 19 E.

Chauin

Opuntia pine 12 ins. in diam. head N 60 1/4 E 388 lks.
dist. marked T 31 N, R 19 E S 36 B.T.
Opuntia pine 14 ins. in diam. head S 18 3/4 E 452 lks.
dist. marked T 30 N, R 19 E 31 B.T.
A Cedar 8 ins. in diam. head S 24 1/2 W 548 lks. dist.
marked T 30 N, R 19 E 32 B.T.
No other trees available.
Dig pit 36 x 36 x 12 ins in sec 35 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 2nd and 3rd rate.
Timber Opuntia pine and cedar

S 89° 58' E, bet. sec. 1 and 36,
Over rolling sandy land through scattering Opuntia pine
and cedar timber and sage 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 base Cap. 1/4 S 36
on N half and S 1 on S half.

No trees suitable for bearing tree available.
Dig pit 18 x 18 x 12 ins East W. of post. 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 2 ft. high.
W. of cor.

55.00 Top of ridge head N. and S. desc E slope.

75.00 Dry ravine course S.W. ascend N.W. slope.

80.00 Intersect the cor. of Twp. 30 and 31 N, R's 19 and 20 E
Land rolling and hilly. Eyn
hereinbefore described
Soil sandy and stony 3rd and 4th rate.
Timber Opuntia pine and cedar.

February 25th 1909

Boundaries of Twp 30 N, R 19 E.
Latitudes Departures and Closing Error.

Line Designated	True Course	Distance ch.	Latitudes		Departures	
			N ch.	S ch.	E ch.	W ch.
South Boundary	S 89° 58' W	479.35		0.28		479.35
West Boundary	North	480.00	480.00			
North Boundary	S 89° 58' E	478.84		0.28	478.84	
East Boundary	South	480.00		480.00		
Convergence					0.51	
TOTALS			480.00	480.56	479.35	479.35
				480.00		479.35
			Error in Lat.	0.56		
			Error in Def.		479.35	
					0.00	

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General Description

This township is broken and mountainous in the central and south western, hilly in the south eastern and north western parts. while level land is found in the eastern part and along the sand wash which passes through the township in a NE and SW direction

The greater portion of the township is prairie land. although there is some timber on the hilly portions.

The township is poorly watered. The soil of the bottom land along the sand wash is a rich sandy loam capable of producing crops. The township should be subdivided

Arduy E. Blount
U.S. Examiner of Surveys

NOTE :- Final affidavits in book. Y 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 Sidney E. Bloush
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. sides
of Twp. 30 N. R. 19 E. of the Gila and Salt River Basins and Meridian in the Territory of Arizona
showing the respective capacities in which they acted:

- Jay E. Jellich Chainman Compassman
- Lafayette Jennings Chainman
- Arthur A. Beard Moundman
- Fred L. Warner Moundman
- Charles Shumway Axman
- Harvey 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.
- _____ Axman.
- _____ Axman.
- _____ Flagman.

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



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

I, Sidney F. Blout, United States ~~Deputy Surveyor~~, ^{Examiner of Surveys} do solemnly swear that, in pursuance of ^{Special Instructions} ~~a contract~~ received from ~~the Commissioner of the~~ ^{the Commissioner of the} United States Surveyor General ~~for~~ ^{Land Office}, bearing date(s) of the 2nd day of Oct. 1897 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~~ ^{Commissioner of the} Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ~~the~~ ^{the}

East and North boundaries of Township N^o 30 North, Range N^o 19 East

Base & 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 for~~ ^{Commissioner of the} Land Office, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

~~United States Deputy Surveyor.~~
~~Examiner of Surveys.~~

Subscribed by said Sidney F. Blout, and sworn to before me }
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~~ ^{the}

East and North boundaries of Township N^o 30 North, Range N^o 19 East of the Gila and Salt River Base and Meridian, Arizona.

executed by Sidney F. 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 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.~~