

MAR 28 1911

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Exterior BOOK 2548
~~BOOK-U~~

2548

FIELD NOTES

OF THE SURVEY OF THE

East and North boundaries of Pp. 30 North

Range No. 17 East.

Of the Gila and Salt River Basins and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Sidney E. Blouin, United States ~~Deputy Surveyor~~ ^{Examiner of Surveys}

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

Survey commenced *March 9th*, 1909

Survey completed *March 25th*, 1909

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BOOK 2548

NAMES AND DUTIES OF ASSISTANTS.

Van L. White Comptroller

Jay E. Jellish Chairman

Lafayette Jennings Chairman

Arthur A. Beard Chairman

Fred L. Warner Treasurer

Harvey Lake May Magistrate

Chas. L. Shumway Assessor

BOOK 2548

Book No 2548

INDEX DIAGRAM.

Township No. 30 North, Range No. 17 East.

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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 "P"

Chain

Survey commenced March 9th 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
verniers of the latitude and declination arcs reading
to 0° 30" of arc.

For last complete test of instrument see field notes of
the survey of the subdivision lines of Tps. 30 N, R 17 E, ^{in Subdivisional Book "P"}

I began at the cor. of Tps. 29 and 30 N, R. S. 17 and 18 E. which
disestablished Dec. 23rd 1908. ^{described in Exterior Book "P"} Latitude $35^{\circ} 56' 49''$ N,
Longitude $110^{\circ} 27' 58''$ W

At this cor. I set off $35^{\circ} 56\frac{1}{2}'$ N. on the lat. arc. $4^{\circ} 33'$ S. on
the decl. arc. and at 8^h 15^m a m. limb determined a meridian
with the solar; Transit Drum,

North, Lev. Recs, 31 and 36,

Ascend S.E. slope over rolling sandy land through scattering
pinon pine and cedar timber.

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 on W. half and S 31 on
E half, from which.

A pinon pine 5 ins. in diam. head N 68° E 22 lbs. dist.
marked $\frac{1}{4}$ S 31 B.T.

A pinon pine 10 ins. in diam. head S 70 $\frac{3}{4}$ ° W 41 lbs. dist.
marked $\frac{1}{4}$ S 36 B.T.

42.00 Top of ridge head N.E. and S.W. desc. N.W. Slope.

80.00 Set an iron post 4 ft. long. 3 in. in diam. 30 ins. in the
ground for cor. of recs. 25 30 31 and 36. marked on brass cap.
T 30 N. on N. half. T 17 E S 25 in N.W. T 18 E S 30 in N.E. S 31 in
S.E. and S 36 in S.W. quadrants; from which.

A cedar 10 ins. in diam. head N 25 $\frac{1}{2}$ ° E 239 lbs. dist. marked
T 30 N. T 18 E. S 30 B.T.

A cedar 20 ins. in diam. head N 36 $\frac{3}{4}$ ° W 429 lbs. dist. marked.
T 30 N. T 17 E S 25 B.T.

No other trees available.

Dig pits 24x24x12 ins. in each sec. S.E. and S.W. of post. 5 $\frac{1}{2}$
ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W.
of cor.

Land rolling.

Soil sandy 3rd rate.

Timber pinon pine and cedar.

East boundary of T₃₀N, R₁₇E.

2

Chains

North, bet. sec. 25 and 30,

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

32.00 Cross timber trail 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 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. dist., and raise a
mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor.

53.00 Wood road to Peralta Ariz trail 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 sec. 19, 24, 25 and 30 marked on brass cap
T₃₀N. on N. half. R₁₇E S 24 in N.W. R₁₈E. 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. dist., and raise a
mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land rolling

Soil sandy 3rd rate.

Timber pinon pine and cedar.

North, bet. sec. 19 and 24,

Descend N.W. slope over sandy land through sage and
greasewood undergrowth and bunch grass.

44.50 Dry sand wash 10 lbs. wide 2 ft. deep course N.W.

17.00 Wood road to Peralta Ariz trail N.E. and S.W.

140.00 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. dist., and raise a
mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. W. of cor.This cor. is situated at foot. of descent in a depression. Land E. and W.
drains to the N.W. ascend gradually over S.E. slope.

67.00 Top of sand ridge trail N.E. and S.W. desc.

80.00 Set an iron post 4 ft. long, 3 ins. in diam., 36 ins. in the
ground for cor. of sec. 12, 18, 19, and 24, marked on brass cap
T₃₀N. on N. half. R₁₇E S 18 in N.W. R₁₈E S 18 in N.E. S 19 in S.E.
and S 24 in S.W. quadrant.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.

Soil sandy 3rd rate.

East boundary of $\frac{1}{4}$ 30 N. R17 E.

Chains

3

No timber

NOTE :-

At this cor. Set off $4^{\circ} 30' S$ on the decl arc and at noon observe the sun on the meridian and obtain on the lat arc a reading of $35^{\circ} 59' N$.

North, beh. secs. 13 and 18,

Descend N.W. slope over rolling sandy land through scattering sage and greasewood brush and bunch grass.

40.00 Set an iron post 3ft long 1 in. in diam. 26 ins in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 13 on W half and S 18 on E half.

Dig pits 18x18x12 ins. N and S. of post. 3ft dist. and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high. W of cor.

50.00 Foot of gradual descent. Leave rolling land head N.E. and S.W. Enter level sandy land head N.E. and S.W.

67.75 Dry ravine 10 lks. wide 3ft deep. Course S.W.

80.00 Set an iron post 3ft long 3 in. in diam. 24 ins in the ground for cor. of secs. 7, 12, 13 and 18. marked on brass cap T 30 N. on N. half. R17 E S 12 in N.W. R18 E S 7 in N.E. S 18 in S.E. and S 13 in S.W. quadrants.

Dig pits 18x18x12 ins. in each. sec. $5\frac{1}{2}$ ft dist. and raised mound of earth 4ft base, 2ft high. W of cor.

Land level and rolling.

Soil sandy 2nd and 3rd rate.

No timber.

North, beh. secs. 7 and 12,

Over level sandy land through sage bush undergrowth and bunch grass.

5.00 Dry ravine 15 lks. wide 4ft deep course S.W.

12.00 Leave level land head N.E. and S.W. enter rolling land head N.E. and S.W. ascend S.W. slope.

40.00 Set an iron post 3ft 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. 3ft dist. and raised mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft high W of cor.

52.00 Dry ravine 15 lks. wide 2ft deep course S.W.

58.00 Leave sandy land head N.E. and S.W. enter stony land head N.E. and S.W.

80.00 Set an iron post 3 ft long 3 in. in diam., 24 in. in the ground for cor. of sec. 16, 7 and 12, marked on brass cap. T₃₀N. on N. half. R₁₇E S 1 in N.W. R₁₈E S 6 in N.E. S 7 in S.E. and S 12 in S.W. quadrant.
Dig pits 18x18x12 in. 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 and stony 3rd and 4th rate.
No timber

North, beh. sec. 1 and 6,

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

16.00 Top of stony ridge head N.E. and S.W. desc. N.W. slope.

18.00 Foot of descent in depression head E and W. asc. S. slope.

24.00 Top of rocky ridge head E and W. desc. N. slope.

32.00 Dry ravine course W. asc.

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 1 on W. half and S 6 on E. half.

Dig pits 18x18x12 in. N and S of post. 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.

43.00 Leave stony land head E and W. enter sandy land head E and W. descend.

70.00 Foot of descent in depression head S and W. drains to west. Ascend S. slope.

75.00 Top of sand ridge head E and W. desc.

80.00 Set an iron post 3 ft long 3 in. in diam. 24 in. in the ground for cor. of T₃₀N. and 31 N. R's 17 and 18 E., marked on brass cap. T₃₁N. on N. half T₃₀N. on S. half. R₁₇E S 36 in N.W. R₁₈E S 31 in N.E. R₁₈E S 6 in S.E. and R₁₇E S 1 in S.W. quadrant.

Raise a mound of stone 2 ft. base, 1 1/2 ft. high. S of cor.

Pits impracticable.

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.

No timber.

March 9th 1909

Survey commenced March 24th 1909 and executed with a W. and S.E. Gurley engineers transit No. 76 with a Burt. solar attachment. The horizontal limb is provided with one double mirror reading to single minutes of arc. the mirrors of the latitude and declination arc reading to 0' 30" of arc.

Examined the adjustments of the transit and find them to be perfect and know from recent tests of the solar apparatus by comparing the results of observations made on the sun during am. and pm. hours with a meridian determined by observation on Polaris, that the instrument is in satisfactory adjustment therefore;

I begin at the Cor. of Tps. 30 and 31 N, R's 17 and 18 E. which I established March 9th 1909 as hereinbefore described Latitude 36° 01' 54" N. Longitude 110° 27' 58" W.

At 7^h 06^m am. on March 24th 1909 I set off 36° 02' N on the lat. arc. 1° 22' N on the decl. arc. and determine a meridian with the solar at the above mentioned cor; . Thence I run,

S 89° 53' W, on a random line, along the N. side of Tps 30 N, R 17 E., setting temp. 1/4 sec. and sec. cords at intervals of 40.00 ch.; and at 479.34 ch.; intersect the 4th Guide Meridian Cont. 72 ch. S. of the Cor of Tps. 30 and 31 N, R's 16 and 17 E. which I established March 23rd 1909, as described in Standard Book "B"

The falling amount to a correction of 0° 05', or 12 ch. N, per. mile counting from the N.E. Cor. of the Tps; therefore I run N 89° 58' E., bet. recs. 6 and 31, marking and blazing true line,

Ascend N.W. slope over hilly sandy and stony land, through scattering pinon pine and cedar timber and bunch grass,

- 14.00 A point 1 ch. north of Navajo Hogan.
- 20.50 A point 3 ch. north of Navajo Hogan.
- 139.34 Set an iron post 3ft. long 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 31 B.T. and S 6 on S half. from which.
- A pinon pine 10 ins. in diam., bear N 44 3/4° W 76 chs. dist. marked 1/4 S 31 B.T.
- A cedar 4 ins. in diam. bear S 4° W 146 chs. dist. marked 1/4 S 6 B.T.
- 49.00 Top of sand ridge bear N.E. and S.W. desc S.E. slope.
- 52.00 Dry ravine course S.E. asc.
- 62.00 Top of ridge bear N and S. desc.
- 70.00 Dry ravine course S.E. asc. S.W. slope
- 79.34 Set an iron post 3ft. long 3 ins. in diam., 24 ins. in the

North boundary of T₃₀N. R. 17E.

6

Chains

ground for cor. of sec. 5, 6, 31 and 32. marked on brass cap. T₃₀N. R. 17E. on E half. T₃₁N. S. 32 in N.E. T₃₀N. S. 5 in S.E. S. 6 in S.W. and S. 31 in N.W. quadrant. from which.

A pinion pine 4 ins. in diam. head N₄₂°E 131 lks. dist. marked T₃₁N. R. 17E S. 32 B.T.

A Cedar 10 ins. in diam. head S₂₀°E 106 lks. dist. marked T₃₀N. R. 17E S. 5 B.T.

A pinion pine 8 ins. in diam. head S₃₈½°W 78 lks. dist. marked T₃₀N. R. 17E S. 6 B.T. and

A pinion pine 6 ins. in diam. head N₇₀½°W 48 lks. dist. marked T₃₁N. R. 17E S. 31 B.T.

Land hilly.

Soil sandy and stony 3rd and 4th rate.

Timber pinion pine and Cedar.

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

March 24th 1909

March 25th ¹⁹⁰⁹ Ab. 7^h 30^m am ^{1. mt.} S. set off 36°02' N. on the lab are. 1°45' N. on the decl. arc. and determined a meridian with the solar ab. the cor. of sec. 5, 6, 31 and 32. ^{above described} Thence down,

N. 89°58' E., bet. sec. 5 and 32,

Descend S.E. slope over hilly sandy and stony land through scattering pinion pine and Cedar timber.

5.00 Leave timber head N and S.

11.50 Foot of descent in depression head N.W. and S.E. drain to S.E. ascend S.W. slope.

40.00 Set an iron post. 3ft. long 1 ins. in diam. 26 ins. in the ground for cor. marked on brass cap. S. 32 on N half. and S. 5 on S. half.

Dig pits 18x18x12 ins. East W. of post. 3ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.

50.00 Top of stony ridge head N and S. desc. E. slope.

53.00 Enter scattering pinion pine and Cedar timber head N and S.

57.00 Dry ravine course S.E. asc.

68.00 Top of low ridge head N and S. desc.

77.50 Dry ravine course S.W. asc. N.W. slope.

80.00 Set an iron post. 3ft. long. 3 ins. in diam. 24 ins. in the ground for cor. of sec. 4, 5, 32 and 33 marked on brass cap. R. 17E on E half. T₃₁N. S. 33 in N.E. T₃₀N. S. 4 in S.E. S. 5 in S.W. and S. 32 in N.W. quadrant, from which

Chains

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A pinon pine 16 ins. in diam. bears N 47 1/2° E 116 lks. dist. marked T 31 N, R 17 E, S 33 B, T.

A Cedar 12 ins. in diam. bears S 71 1/2° E 201 lks. dist. marked T 30 N, R 17 E S 4 B, T.

A Cedar 8 ins. in diam. bears S 29 1/4° W 167 lks. dist. marked T 30 N R 17 E S 5 B, T. and

A Cedar 6 ins. in diam. bears N 62 3/4° W. 117 lks. dist. marked T 31 N, R 17 E S 32 B, T.

Land hilly.

Soil sandy and stony 3rd and 4th rate.

Timber pinon pine and cedar.

N. 89° 58' E., bet. sec. 4 and 33;

Around N.W. slope over hilly sandy land through scattering pinon pine and cedar timber and bunch grass.

4.00 Top of stony ridge bears N. and S. desc. over N.E. slope

20.00 Foot of descent in depression bears N.E. and S.W. drains to N.E. around gradually over N.W. 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 33 on N. half, and S 4 on S. half. from which.

A cedar 12 ins. in diam bears N 88° E 487 lks. dist. marked 1/4 S 33 B, T.

A cedar 20 ins. in diam. bears S 26 1/2° W 136 lks. dist. marked 1/4 S 4 B, T.

45.00 Top of ridge bears N. and S. desc.

75.00 Foot of descent in depression bears N. and S. drains to the N. are. W. slope.

80.00 Set an 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 cap R 17 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. quadrant.

No trees suitable for bearing trees within limits.

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 hilly.

Soil sandy and stony 3rd rate.

Timber pinon pine and cedar.

N. 89° 58' E., bet. sec. 3 and 34,

Around N.W. slope over hilly sandy land through scattering

- 10.00 Begin gradual descent over N.E. slope.
- 15.00 Leave timber land toward N.W. and S.E.
- 40.00 Set an iron post. 3ft. long 1 1/2 in. diam. 26 in. in the ground for 1/4 sec. cor. marked on brass cap '43 34 on N. half and 33 on S. half.
- 40.06 Dig pits 18x18x12 in. E and W. of post. 3ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. N. of cor.
- Dry ravine 5 lks. wide 1 ft. deep course S.E. on foot of descent. Leave hilly land toward N.W. and S.E., enter level land toward N.W. and S.E.
- 55.35 Road to ... toward N.W. and S.E.
- 69.75 Dry ravine 10 lks. wide 1 ft. deep course S.E.
- 80.00 Set an iron post. 3ft. long 3 in. in diam. 24 in. in the ground for cor. of sec. 2, 3, 34 and 35 marked on brass cap N17E 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. quadrants.
- Dig pits 18x18x12 in. 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 hilly.
- Soil sandy 2nd and 3rd rate.
- Timber pine and cedar
- NOTE: On this cor. Ditch off 1° 48' N on the decl. arc and at 2° 30' ... noon; observe the sun on the meridian and obtain on the lat. arc a reading of 36° 02' N.
-
- N 89° 58' E., bet. sec. 2 and 35,
- Over level sandy land through scattering sage and greasewood brush and bunch grass
- 1.00 Leave level land toward N.W. and S.E. enter rolling land toward N.W. and S.E. ascend gently over S.W. slope
- 31.00 Foot of sand stone ledge. ... leave rolling land toward N.W. and S.E. enter stony land toward N.W. and S.E. ascend S.W. slope over cliffs.
- 32.00 Top of cliff 20 ft. high toward N.W. and S.E. asc. gradually.
- 40.00 Set an iron post. 3ft. long 1 1/2 in. diam. 26 in. in the ground for 1/4 sec. cor. marked on brass cap '43. 35 on N. half and 32 on S. half.
- Raise a mound of stone 2 ft. base, 1 1/2 ft. high. N. of cor.
- Pile impracticable.
- 40.10 Begin descent over S.E. slope.

Chains

9
BOOK 2548

44.00	Top of sand stone ledge 6 ft. high bears N.E. and S.W. desc.
46.00	A point 6.00 chs. north of deserted Navajo Highway
63.15	Road bears N.E. and S.W. to Oraibi.
65.50	Floor of desert. Leads hilly land bears N.E. and S.W. enter rolling bottom land bears N.E. and S.W.
77.00	The Oraibi Wash. 50 lbs wide 12 ft. deep. dry course S.W. Leads rolling land bears N.E. and S.W., enter level bottom land subject to overflow to a depth of about 2 ft.
80.00	The point for the cor. of sec. 1, 2, 35 and 36 falls on unsafe ground. therefore at
74.00	Set an iron post. 3 ft. long. 3 ins. in diam. 24 ins. in the ground for witness cor. to cor. of sec. 1, 2, 35 and 36. marked on brass cap. W.C. R ₁₇ 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 18x18x12 ins N.E. S.E. S.W. and N.W. of post. 5 1/2 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 2 nd 3 rd and 4 th rate. No timber.
	N. 89° 58' E., bet. sec. 1 and 36., from true point for cor. of sec. 1, 2, 35 and 36., Over level adobe bottom land subject to overflow to a depth of 2 ft.
31.00	Dry ravine 25 lbs. wide 5 ft. deep course N.W.
32.00	Same ravine 75 lbs wide 5 ft. deep course S.W.
32.75	Same ravine 50 lbs wide 5 ft. deep course N.W.
33.60	Same ravine 40 lbs. wide 5 ft. deep course S.W.
35.75	Same ravine 50 lbs. wide 4 ft. deep course N.W.
36.40	Same ravine 50 lbs wide 4 ft. deep course S.W.
40.00	Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for the sec. cor. marked on brass cap 1/4 S ₃₆ on N. half and S ₁ 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. N. of cor.
46.25	Dry ravine 6 lbs. wide 3 ft. deep course S.W.

North boundary of Twp 30 N. R 17 E.

10 Chains

54.50 Leave level adobe land bear N.E. and S.W., enter hilly sandy land bear N.E. and S.W. Ascend steeply over N.W. slope.

80.00 Distance to the cor. of Twp. 30 and 31 N. R 17 and 18 E hereinbefore described
 Land level and hilly.
 Soil sandy adobe and Stony 2nd 3rd and 4th rate.
 @ Not timber.

March 25th 1909

Boundaries of Twp 30 N. R 17 E.
 Latitudes Departures and Closing error

LINE DESIGNATED	TRUE BEARING	DISTANCE	LATITUDES		DEPARTURE	
			N	S	E	W
South Boundary	S 89° 53' W	479.84		0.98		479.84
West Boundary (4 th Guide Meridian E.)	NORTH	480.00	480.00			
North Boundary	N 89° 58' E	479.34	0.28		479.34	
East Boundary	South	480.00		480.00		
Convergency					0.51	
Totals			480.28	480.98	479.85	479.84
				480.28	479.84	
			Error in Lat. 0.70			
			Error in Dep. 0.01			

General Description

This township is very rough, broken and mountainous in its entirety, there is some level land along the Craib Wash which flows through the central portion of the township, Prairie land is found in all parts of the township -

The township is poorly watered and poorly timbered, with scrub cedar and piñon pine. The soil along the Craib Wash is a sandy loam suitable for agricultural purposes. The prairie portion of the township produce an abundant growth of bunch grass and make the land valuable for grazing purposes. The township should be surveyed.

Sydney E. Black
 U.S. Examiner of Surveys

NOTE: Final affidavits in book 8 of Exterior.

EXAMINER OF SURVEYS
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Sidney E. Blout, ^{Examiner of Surveys} United States Deputy Surveyor, do solemnly swear that, in pursuance of ^{Special Instructions} a contract received from the Commissioner of the ~~United States Surveyor General for Land Office~~, bearing date of the 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 ^{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 N° 30 North, Range N° 17 East

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.

Subscribed by Sidney E. Blout, ^{United States Deputy Surveyor.} and sworn to before me } ^{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

East and North boundaries of

Township N° 30 North, Range N° 17 East of the Gila and Salt River Base and Meridian, Arizona

executed by Sidney E. Blout - U.S. Examiner of Surveys under ^{Special Instructions from the Commissioner of the General Land Office} ~~his contract No.~~, 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.~~