

-1817-

FIELD NOTES

OF THE SURVEY OF THE BOOK 1817

*North and East Boundaries
of T. 18 N. R. 11 E*

-1817-

of the Line of Salt River Base and Meridian,

AS SURVEYED BY

Edgar C. Dietrich, United States Deputy Surveyor,

under his Contract No. 123, dated September 15, 1904

commenced April 4, 1905

completed April 8, 1905

1817

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BOOK 1817

NAMES AND DUTIES OF ASSISTANTS.

Frank K. Blair Chairman

Frank A. Dietrich "

John M. Trayer Moundman

Fred. Pagles Assman

Walter Percival Flagman

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BOOK 1817
INDEX DIAGRAM.

Township 18 N, Range 11 E

6	5	4	3	2	1	6
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PRELIMINARY OATHS OF ASSISTANTS.

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WE, Frank K. Blair and Frank A. Dietrich
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 the North and East Bdys. T 18 N. R. 11 E

Frank K. Blair, Chairman.

Frank A. Dietrich, Chairman.

Subscribed and sworn to before me this 4th
day of April, 1905



Edgar C. Dietrich
U.S. Deputy Surveyor

WE, John M. Prager 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 the North and East Bdys. T 18 N. R. 11 E

John M. Prager, Moundman.

Moundman.

Subscribed and sworn to before me this 4th
day of April, 1905



Edgar C. Dietrich
U.S. Deputy Surveyor

WE, Fred Tagles and
do solemnly swear that we will well and truly perform the duties of axman 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 the North and East Bdys. T 18 N. R. 11 E

Fred Tagles, Axman.

Axman.

Subscribed and sworn to before me this 4th
day of April, 1905



Edgar C. Dietrich
U.S. Deputy Surveyor

I, Walter Percival, 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 the North and East Bdys. T 18 N. R. 11 E

Walter Percival, Flagman.

Subscribed and sworn to before me this 9th
day of April, 1905



Edgar C. Dietrich
U.S. Deputy

No notary public available.

Survey commenced April 4th, 1905 and executed with a Young & Sons Light Mountain Transit No. 5609, with 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 with latitude and declination arcs.

Instrument was examined and tested on the true Meridian at Phoenix, Arizona, and found correct, and was approved by the Surveyor General of Arizona.

I examined the adjustments of the transit and corrected the level and collimation errors, then to test the Solar apparatus by comparing this indication, resulting from Solar observation made during A.M. and P.M. hours, with the meridian determined by observations on Polaris.

I proceed as follows:-

At the cor. of Tps. 17 & 18 N. R.s. 11 & 12 East which is a cedar post marked and witnessed as described by the Surveyor General. The post being badly decayed etc. and marked ^S obliterated on post and also ^{or} witness trees, I re-establish the same as follows:-

Set a limestone 18 X 10 X 5 ins. 12 ins. in the ground for cor. of Tps. 17 & 18 N. R.s. 11 & 12 E. marked with 6 notches on each edge, from which A cedar 4 ins. diam. brs. N. 29³/₄° E. 20 lks. dist. marked Tp. 18 N R12E S 31 B T.

A cedar 4 ins. diam. brs. S. 60° E. 12 lks dist., marked T. 17 N R 12 E. S 6 B T.

A cedar 8 ins. diam. brs. S. 86° W. 24lks. dist., marked T 17 N R 11 E S 1 B T.

A cedar 4 ins. diam. brs. 57³/₄° W. 40 lks dist, marked T 18 N R 11E S 36 B T.

Lat. 34° 51' 111° 08' W. long.

At this cor. I set off 34° 51' N. on the lat. arc

and 5° 43' N. on the decl. arc, and at 2h 30m P.M. l.m.t. determine with the Solar a meridian and mark a point thereof on a stone firmly set in the ground 5 chs. N. of the Cor. and at 6h 29m^{P.M.} by my watch which is correct I observe Polaris at western elongation in accordance with Manual of Instructions and mark the point thus determined on a peg driven 5 in the ground 5 chs. N. of my station.

April 4th, 1905.

April 5. At 6h 30m A. M. l.m.t. I lay off the azimuth of Polaris 1° 27' to the East and mark the meridian thus determined by cutting a small groove in the stone set April 4th on which the meridian falls 0.3 ins. East of the mark determined by the Solar.

At 8h 30m^{AM} l.m.t. I set off 34° 54' N[✓] on the lat. arc. and 6° 0' N on the Decl. arc and mark a point in the meridian determined with the Solar by a (X) on the stone already set 5 chs. N. of my station. This mark falls 0.3 ins. W. of the meridian as established by the Polaris observation. The Solar apparatus by P.M. and A. M. observations defines positions for meridians respectively about 0' 16" E. & W. of the meridian established by the Polaris observation. Therefore, I conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the true meridian at 8h 30m is N. 13° 46' W. The angle thus determined gives the magnetic variation 25° 46' E.

Thence I run,
N. bet. sec. 31 and 36
Over rolling land, through cedars.

- 17.00 Draw 50 lks wide, course S.E.
- 40.00 Set a limestone 18 X 14 X 3 ins 12 ins in the ground for 1/4 Sec. cor. marked 1/4 on W. face, from which A cedar 7 ins. diam. brs. S. 67-3/4° E. 42 lks dist.

notches on S. and 4 on N. edges, from which,
A cedar 4 ins. diam. brs. N. 50° E. 80 lks dist.
marked T 18 N R 12 E S 19 B T.

A cedar 4 ins. diam. brs. S. 76° E. 37 lks. dist,
marked T. 18 N R 12 E S 30 B T.

A cedar 6 ins. diam. brs S. 30-1/2°W 39 lks dist.
marked T 18 N R 11E S 25 B T.

A cedar 4 ins. diam brs. N. 36° W. 48 lks dist,
marked T. 18 N R 11 E S 24 B T.

Land, rolling and mountainous.
Soil, rocky; 4th rate.
Timber, cedar.

Heavily timbered land 80.00 chs.

April 5. At this cor. I set off 6° 3' N. on the decl.
arc. and at 12h 4 m l.m.t. I observe the sun on
the meridian; the resulting lat. is 34° 56' N.

Thence N. bet secs. 19 & 24
Over rolling land through cedar timber.

34.00 Draw 50 lks wide, course N.E.

40.00 Set a limestone 18 X 8 X 4 ins. 12 ins in the ground
for 1/4 Sec. Cor. marked 1/4 on W. face, from which
A pinon 8 ins. diam. brs. N. 65° E. 248 lks. dist.
marked 1/4 S 19 B T.

A cedar 6 ins. diam. brs N. 37° W. 255 lks dist.
marked 1/4 S 24 B T.

80.00 Set a limestone 18 X 8 X 6 ins. 12 ins in the ground
for cor. of secs. 13, 18, 19 & 24, marked with 3 notches
on N. & S. edges, from which

A cedar 4 ins. diam. brs. S. 23-1/2° E. 211 lks. dist,
marked T 18 N R 12 E S 19 B T.

A cedar 4 ins. diam. brs N. 14 1/2° W. 267 lks dist.,
marked T 18 N R 11 E S. 13 B T.

No other trees available; raise a mound of stone
2ft base 1-1/2 ft high W. of cor.

Land rolling.

Soil, rocky; 4th rate.

Timber cedar.

Heavily timbered land, 80 chs.

April 5th, 1905.

April 6th. At 8h. 20m A. M. 1.m.t. I set of 34° ^{57'} ~~55'~~ N. on the lat. arc, and 6° 23' N. on the decl. arc, and determine a meridian at the cor. of secs. 13, 18 19 and 24.

Thence I run.

N. bet secs. 13 and 18

Over rolling land, through cedar timber.

40.00

OK

Set a limestone 18 X 10 X 8 ins 12 ins in the ground for $\frac{1}{4}$ Sec. Cor. mark $\frac{1}{4}$ on W. face, from which A cedar 5 ins. diam. brs. N. 81-3/4° E. 187 lks dist. marked $\frac{1}{4}$ S 18 B T.

A cedar 5 ins. diam. brs S 34-3/4° W 89 lks dist, marked $\frac{1}{4}$ S 15 B T.

68.60

Wash 20 lks wide, course E.

80.00

OK

Set a limestone 18 X 10 X 8 ins 12 ins in the ground for cor. of secs. 7, 12, 13 & 18, marked with 4 notches on S. and 2 notches on N. edges. From which A cedar 4 ins. diam. brs, N. 32 1/2° E. 96 lks. dist., marked T 18 N R 12 E S 7 B T.

A cedar 4 ins. diam brs. S. 24° E. 115 lks dist., marked T 18 N R 12 E S 18 B T.

A cedar 4 ins. diam. brs S. 64° W. 226 lks dist., marked T. 18 N R 11E 13 B T.

A cedar 4 ins. diam. brs. N. 65° W 228 lks dist., marked T 18 N R 11 E S 13 B T.

Land, rolling

Soil, rocky; 4th rate.

Timber, cedar.

Heavily timbered land 80.00 chs.

N. bet. secs. 7 and 12

Overrolling land, through cedar timber.

40.00 ^{OK} Set a limestone 18 X 8 X 6 ins 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face, from which
A cedar 5 ins. diam. brs N. 5° W. 139-1/2 lks dist, marked $\frac{1}{4}$ S 12 B T.

A cedar 8 ins. diam. brs S. 72 $\frac{1}{2}$ ° E. 130 lks. dist., marked $\frac{1}{4}$ S 7 B T., and leave dense timber.

80.00 ^{OK} Set a limestone 18 X 10 X 8 ins. 12 ins in the ground for cor. of secs. 1, 6, 7 & 12, marked with 5 notches on S. and 1 notch on N. edges. from which
And raise a mound of stone 2ft. base 1-1/2 ft high W. of cor.

Land, rolling,

Soil, rocky; 4th rate.

Timber, cedar.

Heavily timbered land, 40 chs.

April 6th. At this cor. I set. off 6° 26' N. on the decl. arc, and at 12 h 3m l.m.t. observe the sun on the meridian; the resulting lat. is 34° ^{58'} ~~55'~~ N

N. bet. secs. 1 & 6

Over rolling land through oak undergrowth.

40.00 ^{OK} Set a limestone 18 X 12 X 8 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. and raise a mound of stone 2 ft. base, 1-1/2 ft high W. of cor.

41.00 Draw 60 lks wide, course N.E.

79.50 Draw 50 lks wide, course N W.

80.00 Set a limestone 18 X 12 X 8 ins 12 ins in the ground for Cor. of Tps. 18 & 19 N. Rs. 11 & 12 E. marked with 6 notches on each edge, from which
A cedar 4 ins. diam. brs. N. 28-1/2° E. 72 lks dist, marked T 19 N R 12 E S 31 B T.

A cedar 4 ins. diam. brs. S. 31-1/2° E. 307 lks dist, marked T 18 N R 12 E. S 6 B T.

OK
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A cedar 8 ins. diam. brs S. 12° W. 103 lks. dist.,
marked T 18 N R 11 E S 1 B T.

A cedar 5 ins. diam. brs. N. 24° W. 187 lks dist.
marked T 19 N R 11 E S 36 B T.

Land, rolling.

Soil rocky; 4th rate.

Timber, cedar, Undergrowth, oak.

Land covered with dense undergrowth 80 chs.

April 6th.

General Description.

This line runs over level and rolling land,
and is covered with cedar timber. T. 18 ² R 12 E.
is rolling and mountainous, and is traversed in
the Eastern portion by Canon Diablo. There are
no settlers living within this township.

Edgar C. Dietrich
U. S. Deputy Surveyor.

April 7th. at 8h 35m A.M. l.m.t. I set off $34^{\circ} 59' N$ on the lat. arc, and $6^{\circ} 46' N$ on the decl arc. and determine a true meridian with the Solar at the cor. of Tps. 18 & 19 N., Rs. 11 & 12 E. *previously described*

Thence I run West on a random line, along the N. bdy. of Tp. 18 N. R. 11 E. setting temporary $\frac{1}{4}$ sec. and sec. coors. at intervals of 40 chs.; and at 484.94 chs. intersect the W. bdy. of Tp. 100 lks. S. of the cor. of Tps. 18 & 19 N. Rs. 10 & 11 E., which is a post marked and witnessed as described by the Surveyor General. The fall line answers to a correction of $0^{\circ} 8'$ or 18 lks N. per mile, counting from the N.E. Cor of the Tp.

Therefore I run, S. $89^{\circ} 52'$ E. bet. secs 6 and 31 marking and blazing true line.

Over felling and mountainous land, through cedar timber Ascending.

44.94 *ok* Set a malpais stone 18 X 8 X 8 ins. 12 ins in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face. from which A cedar $\frac{1}{4}$ ins. diam. brs. N. $43\frac{1}{2}^{\circ}$ E. 51 lks. dist., marked $\frac{1}{4}$ S. 31 B T.

A cedar $\frac{1}{4}$ ins. diam brs. S. 9° W. 81 lks dist. marked $\frac{1}{4}$ S. 6 B T

49.40 Wash 10 lks wide, course N.E.

83.00 Top of ascent brs N & S.

84.00 Descend brs N.E. & S.W.

84.94 *ok* Cor. of secs. 5, 6, 31 & 32. Set a malpais stone 18 X 12 X 6 ins. 12 ins in the ground for cor. of secs. 5, 6, 31 & 32, marked with five notches on E. and 1 notch on W. edges. From which

A cedar ^{riden} $\frac{1}{4}$ ins. diam. brs. N 50° E. 39 lks. dist., marked T 19 N R 11 E S 32 B T.

A cedar $\frac{1}{4}$ ins. diam. brs. S. $6\frac{1}{2}^{\circ}$ E. 80 lks. dist, marked, T 18 N R 11 E S 5 B T.

A cedar 20 ins. diam. brs S. 33° W. 102 lks dist.,
marked T 18 N R 11 E S 6 B T.

A cedar 22 ins. diam brs. N. 77° W. 95 lks. dist.,
marked T 19 N R 11 E S 31 B T.

Land, mountainous.

Soil, rocky; 4th rate.

Timber cedar.

Heavily timbered land 84.94 chs.

April 7th.

April 8th. At 7h 30m A.M. 1.m.t. I set off 34° 59' on the lat. arc and 7° 7' on the decl arc. and determine a true meridian with the Solar at the cor of secs. 5, 6 31 & 32.

Thence I run

S 89° 52' W. bet. secs. 5 and 32.

Over ^{heavy} rolling land, through cedar timber.

40.00

Set a malpais stone 18 X 8 X 8 ins 12 ins in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, from which

A cedar 10 ins. diam. brs S. 23½° E. 59 lks dist., marked $\frac{1}{4}$ S 5 B T.

A cedar 8 ins. diam. brs N. 70½° E. 7 lks dist., marked $\frac{1}{4}$ S 32 B T.

58.50

Wash 10 lks wide, course S.

68.60

Wash 10 lks wide, course S.

80.00

Set a malpais stone 18 X 12 X 6 ins. 12 ins. in the ground for cor. of secs. 4, 5, 32 & 33, marked with 4 notches on E. and 2 notches on W. edges, from which

A cedar 6 ins. diam. brs. N. 53½° E. 37 lks. dist., marked T 19 N R 11 E S 33 B T.

A cedar 8 ins. diam. brs. S. 54½° E. 35 lks dist., marked T 18 N R 11 E S 4 B T.

A cedar 9 ins. diam. brs. S. 24½° W. 65 lks dist., marked T 18 N R 11 E S 5 B T.

OK
A cedar 10 ins. diam brs N $88\frac{1}{2}^{\circ}$ W. 56 lks dist.,
marked T. 19 N R 11 E S 32 B T.

Land, ^{heavy} rolling.

Soil, rocky; 4th rate.

Timber, cedar.

Heavily timbered land, 80 chs.

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S. $89^{\circ} 52'$ ⁶¹ bet secs. 4 and ³³ 35.

Over rolling land, through cedar timber.

40.00 Set a malpais stone 18 X 8 X 6 ins 12 ins. in the
OK ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, from which
A cedar $\frac{1}{6}$ ins. diam. brs N 23° ~~W~~ 14 lks. dist.,
marked $\frac{1}{4}$ S 33 B T.

A cedar 8 ins. diam. brs S. $7\frac{1}{4}^{\circ}$ E. 215 lks dist.,
marked $\frac{1}{4}$ S 4 B T.

80.00 Set a limestone 18 X 8 X 6 ins 12 ins in the ground
OK for cor. of secs. 3, 4, 33 & 34, marked with notches ³
on E. & W. edges, from which

A ^{cedar} ~~pinon~~ $\frac{1}{2}$ ins. diam brs. N. 35° E. 125 lks. dist.,
marked T 19 N R 11 E S 34 B T.

A cedar ⁶ ~~8~~ ins. diam. brs S. $19\frac{1}{4}^{\circ}$ E. 63 lks dist.,
marked T 18 N R 11 E S 3 B T.

A cedar 8 ins. diam. brs. S. 8° W. 100 lks dist.,
marked T 18 N R 11 E S 4 B T.

A cedar $\frac{1}{8}$ ins diam. brs N. 31° W. 84 lks dist.,
marked T 19 N R. 11 E S 33 B T.

Land, level and rolling.

Soil, sandy and rocky, 4th rate.

Timber cedar.

Heavily timbered land, 80 chs.

S. $89^{\circ} 52'$ E. bet. secs. 3 & 34.

Over level land, through cedar timber.

40.00 Set a limestone 18 X 8 X 6 ins. 12 ins. in the ground,
marked $\frac{1}{4}$ on N. face for $\frac{1}{4}$ Sec. Cor. from which

A cedar 4 ins. diam. brs. N. $3\frac{1}{4}^{\circ}$ W. 47 lks dist.,

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marked $\frac{1}{2}$ S 34 B T.

A cedar 4 ins. diam brs S 10° W. 76 lks. dist.,

marked $\frac{1}{2}$ S 3 B T.

80.00

Set a limestone 18 X 8 X 6 ins, 12 ins in the ground for cor. of secs. 2, 3, 34 & 35, marked with 2 notches

on the E. and 4 notches on the W. edges, from which

A cedar 4 ins. diam. brs. N. $55\frac{1}{2}^{\circ}$ E. 137 lks. dist., marked T 19 N R 11 E S 35 B T.

A cedar 12 ins diam brs S. 40° E. 102 lks dist., marked T 18 N R 11 E S 2 B T.

A pinon 8 ins. diam brs S $11\frac{1}{2}^{\circ}$ W. 70 lks dist., marked T 18 N R 11 E S 3 B T.

A cedar 4 ins. diam brs N. 25° W. 82 lks dist. marked T 19 N R 11 E S 34 B T.

Land, level.

Soil, rocky- 4th rate.

Timber, cedar.

Heavily timbered land, 80 chs.

S, $89^{\circ} 52'$ bet. secs. 2 and 35.

Over rolling land, through cedar timber.

40.00

Set a limestone 18 X 10 X 6 ins. 12 ins in the ground for $\frac{1}{2}$ Sec. Cor. marked $\frac{1}{2}$ on N. face, from which

A cedar 4 ins. diam. brs N. $46\frac{1}{2}^{\circ}$ E. 88 lks dist., marked $\frac{1}{2}$ S 35 B T.

A cedar 8 ins. diam. brs S. $6\frac{3}{4}^{\circ}$ E. 59 lks. dist., marked $\frac{1}{2}$ S 2 B T.

80.00

Set a limestone 18 X 10 X 8 ins. 12 ins in the ground for cor. of secs. 1, 2, 35 & 36, marked with 1 notch on E and 5 notches on W edges. from which

A cedar 4 ins. diam brs N. 42° E. 19 lks. dist.

marked T 19 N R 11 E S 36 B T.

A cedar 4 ins. diam. S. $42\frac{1}{2}$ E. 152 lks dist.

marked T 18 N R 11 E S 1 B T.

A cedar 4 ins. diam brs S $23\frac{1}{2}^{\circ}$ W 86 lks dist.

marked T 18 N R 11 E S 2 B T.

A cedar 4 ins. diam brs. N. 45° W. 134 lks. dist.,
marked T. 19 N R. 11 E. S 35 B T.

Land, level and rolling,

Soil, rocky; 4th rate.

Timber, cedar.

Heavily timbered land 80 chs.

April 8th. At this cor. I set off 7° 11' N. on the
decl. arc and at 12h 5 m l.m.t. observe the sun
on the meridian; the resulting lat. is 34° 56' 59" N

S. 89° 52' E. bet sec. 1 and 36

Over rolling land, through cedar timber.

15.00 Descend, brs. N.E. & S.W.

21.10 Dry wash 10 lks wide, course S.E.

29.00 Dry wash 20 lks wide, course N.E.

40.00 Set a limestone 18 X 10 X 3 ins. 12 ins in the ground
for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, from which
A cedar 8 ins. diam. brs S. 48° E. 55 lks dist.,
marked $\frac{1}{4}$ S 1 B T.

A cedar 4 ins. diam brs. N. 45° W. 39 lks. dist.,
marked $\frac{1}{4}$ S 36 B T.

62.00 Descend. brs. N.W. and S.E. and leave cedar timber.

78.00 Foot of descent

79.00 Draw 50 lks wide, course N.W.

80.00 The cor of Tps. 18 & 19 N Rs. 11 & 12 E.

Land, rolling.

Soil, rocky; 4th rate.

Timber cedar. Undergrowth oak.

Heavily timbered land 62 chs.

April 8th, 1905.

General Description.

This line runs over level and rolling land, and is
covered with cedar timber. T_p. 19 N R 11 E is rolling
and mountainous. There are no settlers living within
this town_{ship}.

Edgar C. Dietrich
U.S. Deputy Surveyor.

	No.	Course,	Distance	Latitudes		Departures.	
				North	South	East	West.
S. Bdy	1	East,	481.05			481.05	
E. "	2	North	480.00	480.00			
N. "	3	N. 89°52' W.	484.94	1.06			484.94
W. "	4	S. 1°54' W.	40.42		40.42		1.32
W. "	5	S. 5°50' W.	39.87		39.66		4.08
W. "	6	S. 5°05' E..	39.53		39.37	3.56	
W. "	7	S. 1°14' E.	39.70		39.70	.88	
W. "	8	South	40.73		40.73		
W. "	9	S. 1°28' E.	39.64		39.64	1.02	
W. "	10	S. 2°50' E.	40.05		40.05	1.97	
W. "	11	S. 3°20' E.	40.63		40.63	2.32	
W. "	12	S. 0°27' E.	39.86		39.86	.31	
W. "	13	S. 0°27' W.	39.90		39.90		.31
W. "	14	South	80.34		80.34		
				481.06	480.40	491.11	490.65
Convergency,							.45
				481.06	480.40	491.11	491.10
				<u>480.40</u>			<u>491.11</u>
Error in Latitude				.66	Error in Dep.		.01

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BOOK 1817

U. S. Surveyor General.

LIST OF NAMES.

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A list of the names of the individuals employed by Edgar C. Dietrich

....., 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 North and East Bdy of T18N R11E

showing the respective capacities in which they acted:

- Frank K. Blair, Chairman.
- Frank A. Dietrich, Chairman.
- John M. Trayer, Moundman.
-, Moundman.
- Fred. Tagles, Axman.
-, Axman.
- Walter Percival, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Edgar C. Dietrich

....., United States Deputy Surveyor, in surveying all those parts or portions of the North and East Bdy of T18N R11E

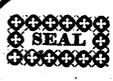
..... of the Gila and Salt River base and meridian, Territory of Arizona, which are represented

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 surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona

- Frank K. Blair, Chairman. ✓
- Frank A. Dietrich, Chairman. ✓
- John M. Trayer, Moundman. ✓
-, Moundman.
- Fred. Tagles, Axman. ✓
-, Axman.
- Walter Percival, Flagman. ✓

Subscribed and sworn to before me this 8th day of April, 1905

Edgar C. Dietrich
U.S. Deputy Surveyor



No notary public available.

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Edgar C. Dietrich, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for the Territory of Arizona, bearing date of the 15th day of September, 1904, 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 the Territory of Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the North and East Boundaries of T. 18 N. R. 11 E.

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 the Territory of Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Edgar C. Dietrich
United States Deputy Surveyor.

Subscribed by said Edgar C. Dietrich, and sworn to before me }
this 9th day of August, 1905



Clinton D. Hoover
Clerk, District Court, First
Judicial District of Arizona
By William D. Jagers, Deputy

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, August 15, 1905

The foregoing field notes of the survey of the North and East boundaries of T. 18 N., R. 11 E. of the Gila and Salt River Base and Meridian, in the territory of Arizona

executed by Edgar C. Dietrich, U. S. Deputy Surveyor under his contract No. 123, dated September 15th, 1904, 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.

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.