

Book "20"

No 3.

BOOK 1416

Retracement
North and West Bdy.
T. 19 N. R. 4 E.

1416

4-671

Andrew Barry
U.S.D.S.
Oct. 1902.

FIELD NOTES
GENERAL LAND OFFICE.

No. 1416

Recd July 28/03.

Manuscript sheet copied by E. V.
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Accts checked
offly to Mr. T. 2/16/04

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BOOK 1416

Field notes
of the Resurvey of the
North and W. Sides of

Townships No 19 N.
Range No 4 E
of the
Gila and Salt Rivers
Base and Meridian
in the
Territory of Arizona
as surveyed by
Andrew Barry
U.S. Deputy Surveyor

Under his contract No 99
Dated June 30th 1902

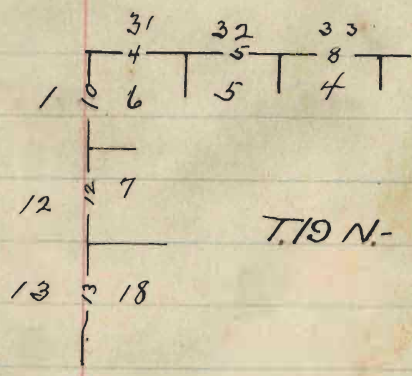
Survey commenced October 25, 1902
Survey completed October 27, 1902

Retracement of Boundaries

List of names of Assistants

- And C. Roberts chairman
- Charles Fitzgerald chairman
- George W. Campbell Assuan
- Frank J. Ganton Flagman

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T. 19 N. - R. 4 E.

T 19 N. R 4 E

commencing at the
cor. of Tps 19 and 20 N.

Rs. 3 and 4 E

which is a malpais stone
18 x 70 x 5 ⁱⁿ set in a mound of
stone - from which

an Oak 5 ins in diam.

bears N $50\frac{3}{4}^{\circ}$ E, 64 lks. dist.

marked T 20 N - R. 4 E. S. 31 - B. T.

an Oak 16 ins in diam

bears S $43\frac{3}{4}^{\circ}$ E, 70 lks. dist.

marked T. 19 N R 4 E S 6 B. T.

an Oak 16 ins. in diam.

bears S. 55 W. 8 lks. dist.

marked T 19 N - R 3 E. S. 1 - B. T.

A Pine 10 ins. in diam.

bears ^N $19\frac{3}{4}^{\circ}$ W. 84 lks. dist.

marked T. 20 N - R 3 E. S 36 B. T.

October 25¹⁹⁰² at 9^h a m. l. mt. I set off
35° 6' N on the lat arc; 11° 53' S. on the decl.
arc and determined a true meridian
with the Solar

Retracement N. Bdy. of

Thence I run
East bet. Secs. 6 and 31
Over mountainous land
through heavy timber.

10.00 Wash 30 lbs. wide course S.E.
ascend

25.00 Rocky ridge bears S.E. and N.W.
descend

39.10 Trail bears N70°E x S70°W

40.00 the ^{bears 12. ~~1/2~~ S} 1/4 cor. _n at Malpais stone
14 x 8 x 6 ins. laying on top of
ground I set it 11 ins. in
the ground.

From which

an Oak 16 ins. in diam.
bears S76 1/2° W, 66 lbs. dist
marked 1/4 S 6 B.T.

a Pine 20 ins. in diam.
bears N13° W 202 lbs. dist
marked 1/4 S 31 B.T.

T 19 N. - R 4 E

from $\frac{1}{4}$ Sec. cor. from East

48.00

Ascend

70.00

Foot ridge bears S. E. and N. W.

80.10

The cor of Secs 5-6-31 and 32

bears S. 22 W. -

a Malpais Stone 8x10x6 ins

above ground marked and

witnessed as described

by the Surveyor General

course of line S 89° 50' E

and setting

Soil + L. rot

Timber Pine cedar and oak

Heavily timbered land

80.10 ch.

East bet Secs - 5 and 32

Over mountainous land

through heavy timber

Ascend

10.00

Ridge bears S. E. and N. W.

19.00

Descend

Retracement N. Bdy. of

40-06 The $\frac{1}{4}$ Sec. cor. a malpais in
 place 5 x 18 x 12 ins above ground
 bears S. 32 lbs. dist.
 properly marked

From which

a Pine 36 ins in diam.

bears N 73 $\frac{1}{2}$ ° E. 87 lbs. dist.

marked $\frac{1}{4}$ S. 32 - B.T.

a Pine 18 ins. in diam

bears S 9° W. 29 lbs. dist.

marked $\frac{1}{4}$ S. 5 B.T.

East from $\frac{1}{4}$ Sec. cor.

44-50

Truck 50 lbs. wide Course S-E

46.00

ascend

70.00

Ridge bears S. E. and N. W.
 ascend

80-17

The cor of Secs. 4-5-32- and 33
 bears S. 35 lbs. dist.

a malpais stone 8 x 10 x 5 ins

above ground properly marked

From which

a Pine 24 ins in diam.

✓ 19 N - R. 4 E

bears N $27\frac{3}{4}^{\circ}$ E 207. lks. dist.

marked T 20 N. R 4 E. S 33 B.T.

a Pine 30 ins. in diam.

bears S. 60° W. 47 lks. dist.

marked T 19 N. R 4 E. S. 4 B.T.

a Pine 18 ins in diam

bears S $69\frac{1}{2}^{\circ}$ W. 121 lks. dist.

MARKED T. 19 N. - R 4 E. S. 5 B.T.

a Pine 20 ins. in diam.

bears N $13\frac{1}{2}^{\circ}$ W. 76 lks. dist.

marked T. 20 N. R 4 E. S. 32 B.T.

Land mountainous

at rate

Timber Pine and Oak

Mountainous and heavily

timbered land

80.17 chs.

West $\frac{1}{2}$ of mile bears S $89^{\circ} 32' E$

East $\frac{1}{2}$ of mile bears S $89^{\circ} 30' E$.

October 25th 1902

Retracement N. Blv. of
 October 26, at 9 a.m. mt. 5 set off 35° N on the left arc,
 12-14' S. on the deg. arc, and determine a true meridian
 with the solar and sun
 East Mt. Secs 4 and 33

Over Mountains land
 through heavy timber
 descend

11-00 Wash 35' etc. wide course S.
 ascend

21-00 Ridge bears N. and S.
 descend

40-00 The 1/4 Sec. cor. bears S. 12 W. 1/2
 a malpais stone 8x10x6 ins
 aboveground marked
 and witnessed as described
 by the Surveyor General
 East from 1/4 Sec. cor.

52-00 Gulch 30' etc. wide course S. E
 ascend steep rocky ridge

72-50 Top of ridge bears S. E and N. W.
 descend

74-34 The witness cor. of Secs 3-4
 bears S. 10 etc. - dist.
 33 and 34



19 N- R 4 E

course of mile @ $89^{\circ}50' E$.

Land mountainous.

@ oil 4 $\frac{1}{2}$ rate

Timber Pine and oak
mountainous and heavily
timbered land

74.34 chs.

October 1902

Retracement W. Bdy. of

From the cor of Secs. 19-
and 20 N- Tws 3 and 4 E.

I run

South bet Decs. 1 and 6

over survey line

through heavy timber

27-75

Trail bears N. E. and S. W

39-60

The $\frac{1}{4}$ sec. cor. a malpais stone

10x8x6 in above ground

properly marked

from which

a Pine 7 ins in diam.

bears S 16° E 44 yds. dist.

marked $\frac{1}{4}$ S. 6 B.T.

a Pine 8 ins in diam

bears S $37\frac{1}{2}^{\circ}$ W. 90 yds. dist.

marked $\frac{1}{4}$ S. 1 B.T.

68-95.

Trail bears E and W

79-30

The cor. of Secs. 1-6-7 and 12

bears E. 23 yds. dist.

T 19 N - R 4 E

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A Malpais stone 10x12x10 ins.
above ground properly
marked from which
a cedar 24 ins in diam.

bears N 7° E. 207 lks. dist.

marked T 19 N - R 4 E. S. 6 - B.T.

A cedar 36 ins in diam
bears S. 21 1/2° E. 26 lks. dist.

marked T 19 N - R 4 E. S. 7 B.T.

A Pine 24 ins in diam.

bears N 81 1/2° W. 134 lks. dist.

marked T 19 N R 3 E. S 1 B.T.

no other trees available

Pits impracticable

the S. 1/2 of the line bears

S 0° 20' E.

Land rolling

Soil 3rd rate

Timber Pine cedar and Oak

Heavily timbered land

Retracement N. Bdy.

79-30 chs
October 29 1902October 27, at 8 am. I mt. J set off 35° 5' on the last arc;
12.34' S. 72' the dice are and determine a true meridian with
170 S + lar and run

S cut bet. Secs 7 and 12

Over rolling land

Through heavy timber

1.10

Tril bear S. E and N. W.

39.77

The 1/4 sec. cor. a Malpais

stone in place 6x10x8 ins

above ground properly

marked from which

A Cedar 20 ins in diam

bears N 84° E. 86 lds. dist.

Marked 1/4 S. 7 B.T.

A Cedar 18 ins in diam

bears S. 41° W. 59 lds. dist.

Marked 1/4 S. 17 B.T.

58.65

The witness point on the
bank of Lu cañon

↑
 J. 19 N. - R. 4 E.

Land rolling
 Soil 3^d rate

Timber Cedar and Pine
 Heavily timbered land
 58.65 chs.

From the 1/4 cor. but
 Secs. 13 and 18

I run

South but. Secs 13 and 18
 over rolling land

through heavy timber

39.72 to cor. of Sec. 13-18-19 and ^{heavy} 24th N. 112

chs. dist making the
 bearing of this line

S 1° 37' W. 39.74 chs.

Land rolling
 Soil 3^d rate

Timber Pine and Oak

Retracement W. Sec. of
Heavily timbered land
39 74 chs.
October 27, 1902

Andrew Barry
U.S. Deputy Surveyor
By Francis Jacobs
Compassman

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J 19 N.-

R + E

No. 1416
APPROVAL.

BOOK 1416 ¹⁵

Office of the

United States Surveyor General,

Phoenix, Arizona.

The foregoing field notes of the ^{Jan 27 - 1904} survey
of ^{May 10 - 1904} NW Rds of T. 19 N. R. 4 E

of the Gila and Salt River Base and Me-
ridian, in the Territory of Arizona.

Executed by Andrew Barry

United States Deputy Surveyor, under his
contract No. 99, dated June 30th 1902,
having been critically examined, and the

necessary corrections and explanations made
the said field notes, and the surveys

they describe, are hereby approved.

Frank A. Ingalls

U. S. Surveyor General.