

Book "B"

Survey

North Boundary

T19N R3E

BOOK 1412

No. 1412

1412

4-671

BOOK 1412

**FIELD NOTES**  
GENERAL LAND OFFICE.

No. 1412

No. 1412 BOOK 1412

Resurvey North Boundary of T.19N, R.5E

Field notes  
of the resurvey of the  
North Boundary  
of  
Township 19 North  
Range 5 East  
of the  
Gila and Salt River  
Base and Meridian  
in the  
Territory of Arizona  
as resurveyed by  
Andrew Barry  
under his contract no 99,  
dated June 30<sup>th</sup> 1902

Survey commenced Nov. 12 1902  
Survey completed Nov. 13 1902

Dec. 1/1903

2115  
1904

2  
Resurvey North Boundary of

Names and duties of assistants  
Fred C. Roberts chairman  
Charles Fitzgerald "  
George W. Campbell Arguer  
Frank J. Feuton Surveyor

BOOK 1412

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Resurvey

North Boundary of T.19N., R.5E

17	14	12	9	6	4
6	5	4	3	2	1

T. 19 N. R. 5 E.

Upon examining the north bdy. of T. 19. N. R. 5 E. I find it defective in alignment and distance.

Many of the stake corners have disappeared and some bearing trees destroyed

I therefor resurvey the line as follows

I test my transit on the meridian established by observation on Polaris at Seelwood Spring and correct its adjustment and

Begin at the cor. of Tps. 19 and 20 N. Rs. 5 and 6 E. which is a stone firmly set and properly marked and witnessed

Resurvey North Boundary of  
 Nov 12. at 8 a.m. 1 m. b. 3 set off  $35^{\circ}6'N$  on the lat  
 arc.  $17^{\circ}31'S$  on the decl. arc; and determine  
 a true meridian with the Solar

Thence I run

West but Secs. 1. and 36,

40. 34 The  $\frac{1}{4}$  Sec. cor bears  $S. 34^{\circ} E$

I set a Malpais stone  $18 \times 12 \times 10$   
 ins 12 ins in the ground, where  
 the original stake stood,

for  $\frac{1}{4}$  Sec. cor marked "4 on N  
 face From which

a Pine 30 ins. in diam.

bears  $N 76^{\frac{3}{4}} E. 75$  lks. dist.

marked "4 S. 36 B.T.

a Pine 36 ins. in diam

bears  $S 33^{\circ} W. 13$  lks. dist

marked "4 S 1 B.T.

Thence I run west,

40. 34 The cor. of Secs 1-2-35 and  
 36 on line.

The post is entirely gone

I set a malpais stone

T 19 N. R 5 E.

20 x 12 x 8 ins. 15 ins in the  
ground for cor. of Secs.

1-2-35 and 36 marked  
with 1 notch on E and 5  
notches on N. <sup>107</sup> From which  
a Pine 36 ins. in diam

bears N. 17° E 95 lts. dist.  
marked T 20 N. R 5 E S. 36 B.T.

a Pine 44 ins in diam  
bears S. 35° E 93 lts. dist.  
marked T 19 N. R 5 E S 1 B.T.

a Pine 44 ins. in diam.  
bears S. 22° W. <sup>107</sup> 700 lts. dist.  
marked T 19 N. R 5 E S 2 B.T.

a Pine 36 ins. in diam.  
bears N 56 1/2° W. 75 lts. dist.  
marked T 20 N. R 5 E S 3 S B.T.

The bearing of this line  
is from the 3p. cor.  
S 89° 31' W. 40, 24 chs

## Resurvey North Boundary of

Shewer West 40-10. chs to the  
 cor of Secs. 1-2-35 and 36  
 Land rolling  
 Soil 3<sup>rd</sup> rate  
 Timber Pine  
 Heavily timbered land  
 80.34 chs.

---

Nest bet Secs 2 and 35  
 Over broken Land  
 Through heavy timber  
 39.20 The  $\frac{1}{4}$  Sec. cor. bears N. 71  
 W. the stake is gone  
 and there is only one bearing  
 tree

Set a Malpais Stone 16 x 8 x 6 ins  
 11 ins in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on N face  
 From which  
 an Oak 10 ins in diam

T 19 N, R 5 E.

bears N 26° W. 8 lks. dist.

Marked  $\frac{1}{4}$  S. 35 B.T.A Pine 10 ins in diam  
bears S. 60 $\frac{1}{2}$ ° E. 75 lks. dist.Marked  $\frac{1}{4}$  S. 2 B.T.The old Pine tree bears S 10° E  
36 lks. dist. is dead. So I

obliterate the markings on it.

Continuing west at

79. 34.

The cor. of Secs. 2-3-34 and 35  
bears N. 104 lks. dist.I set a Malpais stone 18 x 10 x 8  
ins. 12 ins. in the ground at the  
point where the corner stake  
stood for cor. of Secs.

2-3-34 and 35

Marked with 2 notches on  
E and 4 notches on W edge  
From which

A Pine 30 ins in diam



## Resurvey North Boundary of

bears N  $44^{\circ}$  E 75' lks. dist.

marked T 20 N R 5 E S 3 4 B, T.

a Pine 30 ins in diam.

bears S.  $47^{\circ}$  E 74' lks. dist.

marked T 19 N R 5 E S 2 B, T.

a Pine 7 1/2 ins in diam

bears S  $52^{\circ}$  W 5' lks. dist.

marked T 19 N - R 5 E S 3 B, T.

a Pine 30 ins in diam

bears N 80 W. 65' lks. dist.

marked T 20 N - R 5 E S 3 4 B, T.

The bearing and distance  
of this line are, from the  
cor. of Secs 1-2-35 and 36  
N  $88^{\circ} 58'$  W. 39.20 chs

Thence

N.  $89^{\circ} 32'$  W. 40.14 chs

Land broken

Dist 4 th rats

T. 19 N., R. 5 E.

Timber Pine and some Oak  
 Heavily timbered land.  
 79.34 ch

---

39.93 West lot Sec 3 and 34  
 over mountainous land  
 through heavy timber  
 the  $\frac{1}{4}$  Sec. cor. bears S. 117  
 lks. dist. -

I set a malsais stone 16x10x6 ins.  
 11 ins in the ground, where the  
 original  $\frac{1}{4}$  cor. stake stood.  
 for  $\frac{1}{4}$  Sec. cor marked  $\frac{1}{4}$  on  
 N. face. From which  
 a Pine 30 ins in diam,  
 bears S. 73° W. 39 lks. dist.  
 marked  $\frac{1}{4}$  S. 3 B.T.

a Pine 32 ins. in diam,  
 bears N 69½° W. 44 lks. dist  
 marked  $\frac{1}{4}$  S. 34 B.T.

## Resurvey North Boundary of

80.07 continuing west, at  
the cor. of Secs 3-4-33 and 34  
bears S. 189 lks. dist.

the cor. stake is gone.

I set a Malpais stone 18x12x5 ins  
12 ins. in the ground, at point  
where stake originally stood,  
for cor. of Secs 3-4-33 and 34  
marked with 3 notches on  
E. and W. edges. From which

A Pine 22 ins. in diam  
bears N 16° E 120 lks. dist.

Marked T 20 N. R 5 E 5 34 B.T.

A Pine 8 ins. in diam  
bears S. 10 1/2° E 117 lks. dist.

Marked T 19 N. R 5 E 5 3 B.T.

A Pine 40 ins. in diam.  
bears S 15 1/2° W 162 lks. dist.

Marked T 19 N. R 5 E 5 4 B.T.

A Pine 30 ins in diam

T19N, R5E.

bears N. 29 $\frac{1}{2}$ ° W. 52 chs. dist.

Marked T20N, R5E S. 33 B.T.

The old S. W. B.T. was  
dead and decayed. —

The bearings and dists  
of this line are

From the cor of sec

2-3-34 and 35

S. 88° 19' N. 39.95 chs

to the  $\frac{1}{4}$  sec. cor

Thence

S 88° 58' N 40.12 chs.

to the cor of secs 3-4-33 and 34

Land mountainous

poor & rate

Timber Pine

mountainous and heavily  
timbered land 80.07 chs

November 12<sup>th</sup> 1902

Resurvey North Boundary of  
 Nov. 13. 1887. 4 m. S. mt. I set  $35^{\circ} 6'$  N on the lat arc,  
 $17^{\circ} 47'$  S on the decl. arc. and determined the true  
 meridian with the solar, and ran  
 West bet. Secs. 4 and 33

over broken land

through heavy timber

40.15 The  $\frac{1}{4}$  sec. cor. bears S.

33 lks. dist.

I set a Malpais stone  $22 \times 10 \times 6$  ins.

16 ins in the ground, at the  
 point where the  $\frac{1}{4}$  cor. stands

originally stood, for  $\frac{1}{4}$  sec  
 cor. marked  $\frac{1}{4}$  on N face

From which

an Oak 9 ins in diam.

bears N  $85^{\circ}$  E. 68 lks. dist.

marked  $\frac{1}{4}$  S. 33 B.T.

a Pine 20 ins. in diam

bears S.  $27^{\circ}$  W. 54 lks. dist.

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

Continuing west at

80.43 the cor. of secs 4-5-32 and 33

bears S. 45 lks. dist.

T 19 N, R 5 E.

I set a malpais stone 18x14x6 ins.  
12 ins in the ground, at the point  
where the cor. stake originally  
stood, for cor. of Secs.

4-5-32-and 33

marked with 4 notches on  
E and 2 notches on W edges  
From which

A Pin 10 ins in diam  
bears N 4 1/2° E 36 lks. dist.

marked T 20 N R 5 E S 33 B.T.

A Pin 24 ins. in diam,  
bears S. 77 1/2° E 29 lks. dist.

marked T 19 N, R 5 E S 4 B.T.

A Pin 14 ins in diam  
bears S. 17 1/2° N 44 lks. dist.

marked T 19 N - R 5 E S 5 B.T.

A Pin 12 ins in diam  
bears N 75 1/2° W 102 lks. dist.

marked T 20 N R 5 E S 32 B.T.

## Resurvey North Boundary of

The bearings and dists.  
 of this line are from the  
 cor. of Secs 3-4-33 and 34  
 S.  $89^{\circ}32'N$  40.15 chs  
 to the  $\frac{1}{4}$  Sec. cor.

Thence

S.  $89^{\circ}50'N$  40.28 chs  
 to the cor. of Secs 4-5-37 and 33

Land rolling

Soil 4<sup>th</sup> rate

Timber Pine and some Oak  
 Heavily timbered land

80.43 chs

---

West bet. Secs. 5 and 32

over rolling land

through heavy timber

40.18 the  $\frac{1}{4}$  Sec. cor. bears S. 46  
 chs. dist.

I set a Malpais Stone 16 x 10 x 8 ins.

T. 19 N., R. 5 E.

11 ins. in the ground, at the point where the  $\frac{1}{4}$  stake originally stood, for  $\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$  on N. face From which a Pine 24 ins. in diam., bears  $N 42^{\circ} E$  122 lks. dist. marked  $\frac{1}{4} S 32 B.T.$

A Pine 16 ins. in diam., bears  $S 28^{\circ} N.$  15 lks. dist.

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

Continuing West at the cor. of Secs. 5, 6-31 and 32 bears  $S.$  93. lks. dist.

where I set a Malpais stone  $18 \times 8 \times 8$  ins. 12 ins. in the ground, at the point where the sec. cor. stake originally stood, for cor. of Secs 5-6-31 and 32

80. 39.



## Resurvey North Boundary of

Marked with 5 notches on E  
and 1 notch on W. edge.

From which

a Pine 20 ins. in diam.,  
bears  $N 47 \frac{1}{4}^{\circ} E$ . 121 lks. dist.

Marked T 20 N R 5 E S 32 B.T.

a Pine 24 ins. in diam.  
bears  $S 77 \frac{1}{4}^{\circ} E$  141 lks. dist.

Marked T 19 N. R 5 E S. 5 B.T.

a Pine 16 ins. in diam.,  
bears  $S 7 \frac{1}{2}^{\circ} W$ . 103 lks. dist.

Marked T 19 N. R 5 E S 6 B.T.

a Pine 14 ins. in diam.,  
bears  $N 70^{\circ} W$  57 lks. dist.

Marked T, 20 N. R, 5 E, S, 31, B.T.

The bearings and dists.  
of this line are  
From the cor. of Secs.  
4 - 5 - 32 and 33

T. 19 N, R. 5 E.

S. 89.21' N. 40.18 chs.  
to the  $\frac{1}{4}$  sec. cor

Thence

S. 89.20' N 40.21 chs  
to the cor of Secs. 31 and 32

Land rolling

Oak &amp; the rate

Timber Pine and oak

Heavily timbered land

80.39 chs.

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West bet Secs. 31 and 32  
 Over rolling land  
 Through heavy timber  
 40.24 The  $\frac{1}{4}$  sec. cor. bears S. 46  
 lbs. dist. - I set a  
 Malpais Stone 24 x 8 x 5 ins.  
 18 ins. in the ground, at the  
 point where the  $\frac{1}{4}$  sec. starts

## Resurvey North Boundary of

originally stood,  
 for  $\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$   
 on N. face. From which  
 a Pew 27 ins. in diam.  
 bears  $N 11\frac{1}{2}^{\circ} W. 85$  lks. dist.

marked  $\frac{1}{4}$  S. 31 B.T.

An Oak 5 ins. in diam  
 bears  $S 83\frac{1}{2}^{\circ} W. 27$  lks. dist.

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

Continuing West, at  
 80.33 The Cor. of Tps 19 and 20 N.  
 Rs. 4 and 5 E bears S,  
 129 lks. dist.

I set a Malpais stone  
 20 x 12 x 10. ins 15 ins in  
 ground. at the point where  
 the Tps. cor. stake originally  
 stood. for cor. of Tps 19 and  
 20. N. - Rs. 4 and 5 E  
 marked with 6 notches

T19N, R5E,

N. E. &amp; W.

on each edge

From which

A Pine 27 ins in diam.  
 bears N79°E 117 lks. dist.  
 marked T20N. R5E S 31 B.T.

~~A Pine 24 ins, in diam.  
 bears S. 24<sup>3</sup>/<sub>4</sub>°E 120 lks. dist.  
 marked T19N. R5E S 6 B.T.~~

~~A Pine 28 ins, in diam.  
 bears S. 23<sup>1</sup>/<sub>4</sub>°W 95 lks. dist.  
 marked T19N. R4E S 1 B.T.~~

A Pine 22 ins. in diam.  
 bears N10<sup>1</sup>/<sub>2</sub>°W. 86 lks. dist.  
 marked T20N. R4E S 36 B.T.

The bearings and dists.  
 of this line are  
 from the cor of sec  
 5-6-31 and 32.

S. 89°21'W. 40, 24 chs

Resurvey North Boundary of T. 19 N. R. 5 E

to the  $\frac{1}{4}$  sec. cor  
thence

$588^{\circ}49'N$ . 40.10 chs.  
to the cor. of Sps 19 and 20 N  
Rs. 4 and 5. E. -

Land rolling.

Soil 4<sup>th</sup> rate

Timber Pine and oak  
Heavily timbered land

80.34 chs

November 13<sup>th</sup> 1902

Andrew Barry  
U. S. Deputy Surveyor

No. 1412

APPROVAL.

BOOK 1412

Office of the

United States Surveyor General,

Phoenix, Arizona.

May - 10 ~~June~~ # 1904

The foregoing field notes of the <sup>ne</sup> survey  
of N - Body T 19 N R 5 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 30 - 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 S. Shyall

U. S. Surveyor General.