

Book B
RESURVEY of S. BOUNDARY
OF
T. 19 N. R. 1 E.
Hesse.

III
105

MAR 21 1904

1381

BOOK 1381

No. 1381

4-671

FIELD NOTES
GENERAL LAND OFFICE.



105A

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T.19 N.R.I.E.

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T.18 N.R.I.E.

Retracement

Recovery of the S. bdy. Pps. 19 N. Q. 16.
chains

February 19¹⁹⁰³. At 8^h 00^m a. m.
l. m. t. I set off $35^{\circ} 00' N$
on the lat. arc; $11^{\circ} 30' S$
on the decl. arc; and
determine a true meri-
dian with the solar
at the cor. of Pps. 19 N.
Rgs. 1 and 2 E. which is
a sandstone marked
and witnessed as
described by the surveyor
general.

Thence I run
West on the S. bdy. sec. 36.
Over rolling mountains
along general S. slope
through heavy cedar
timber.

3.00 Cross wash 100 lbs. wide
course S.

Retracement
 Resurvey of the S. bdy. of Tp. 19 N. R. 1 E.
 chains

39.90 A point 47 lks. N. of
 the $\frac{1}{4}$ sec. cor. on the
 S. bdy. of sec. 36. which
 is a stone marked and
 witnessed as described
 by the surveyor general.
 The course of this half
 mile is $589^{\circ}20'W$.

Thence I run from $\frac{1}{4}$
 sec. cor. West.

39.80 A point 362 lks. N.
 of the cor. of secs. 35
 and 36. which is a
 stone marked and
 witnessed as described
 by the surveyor general.
 The course of this half
 mile is $584^{\circ}49'W$. length
 is 40.06 chs.
 Land, mountainous

Retirement

~~Recovery~~ of the S. bdy. Pp. 197. Q. & C.
Chains

Soil, rocky; 4th rate.

Timber, cedar.

Mountainous or heavily
timbered land ~~79.96~~ ^{79.96} chs.

From the cor. of secs. 35 and
36 I run

West on the S. bdy. of
sec. 35.

Over rolling mountains
through heavy cedar
timber.

30.00 Cross wash 20 lks. wide
course S.

39.74 The 1/4 sec. cor. on the S.
bdy. of sec. 35. as described by
the surveyor general.
Hence from 1/4 sec. cor.
I run West

23.50 Cross wash 20 lks. wide,

Retrieval
 Recovery of the S. bdy. of Apr. 19 N. R. 16
 chains
 course S.

35.86 A point 48 lks. N. of
 the cor. of secs. 34 and
 35 which is a stone
 marked and witnessed
 as described by the
 surveyor general.

The course of this half
 mile is $589^{\circ}14'W$.

Land, mountainous.

Soil rocky; 4th rate.

Timber, cedar.

Mountainous land

75.60 chs.

Feb. 19: at this cor. I
 set off $11^{\circ}27\frac{1}{2}'$ S. on
 the decl. arc; and
 observe the sun on
 the meridian at noon;

Retrac~~ement~~
~~Survey~~ of the S. bdy. Pp. 19 N. R. 1 E.
 chains

the resulting lat. is 35°
 $00'N$

From the cor. of secs. 34
 and 35 I run
 West on the S. bdy. of
 sec. 34

Over rolling mountains
 through heavy cedar
 timber.

4.70 Cross wash 30 lks. wide
 course S.W.

43.55 A point 3 lks. N. of the
 $\frac{1}{4}$ sec. cor. on S. bdy. of
 sec. 34 as described by the
 The ^{surveyor general} course of this half
 mile is $S89^{\circ}58'W$.

Thence from $\frac{1}{4}$ sec. cor.
 I run West.

Retracement
 Recovery of the S. bdy. Tps. 19 N. R. 16 E.
 chains

40.45 A point 10 lks. N. of the
 cor. of secs. 33 and 34
 which is a stone mark-
 ed and witnessed as
 described by the
 surveyor general.

The course of this half
 mile is $589^{\circ}51'W$.

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

Mountainous or heavily
 timbered land 84.00chs.

From the cor. of secs.
 33 and 34

I run
 West on S. bdy. sec. 33

Retraiment

Accuracy of the S. bdy. P. 192. Q. 10.
Chains

Over rolling mountains
through cedar timber.

5.00 Leave timber.

40.68 A point 5 lks. N. of the
1/4 sec. cor. on S. bdy. of
sec. 33. which is a
stone marked and
witnessed as described
by the surveyor general.
The course of this half
mile is $S. 89^{\circ} 56' W.$

Thence from 1/4 sec. cor.

40.08 ~~From West~~
A point 8 lks. N. of the
cor. of secs. 32 and 33
which is a stone mark-
ed and witnessed as
described by the
surveyor general.

Land, mountainous

Retracement
 Survey of the S. bdy. P. 19 N. R. 1 E.

Soil, rocky; 4th rate.

Timber, cedar.

Mountainous land

80.76 chs.

The course of this half
 mile is $S89^{\circ}53'W$ ✓

February 19, 1903

At all corners marks
 or bearings referring
 to Pp. 18 N. R. 1 E. were
 destroyed.

John P. Hesse
 U. S. Dep. Surveyor

For Gen. Description see
 Subs. T. 18 N. R. 1 E.

Boundaries of T.18N.R.1E.

Latitudes, departures and closing errors.

Line designated	True bearing.	Distance	Latitudes		Departures.	
			N.	S.	E.	W.
S bdy. T18N.R.1E	East	545.34			545.34	
E bdy. T18N.R.1E	North	457.44	457.44			
N bdy. T18N.R.1E	West	124.70				124.70
	S89°20'W	39.90		.47		39.90
	S84°49'W	40.06		3.62		39.80
	West	39.74				39.74
	S89°14'W	35.86		.48		35.86
	S89°58'W	43.55		.03		43.55
	S89°51'W	40.45		.10		40.45
	S89°56'W	40.68		.05		40.68
	S89°53'N	40.08		.08		40.08
	West	160.00				160.00
	S70°33'E.	455.24		451.29	59.81	
W. bdy. T.18N.R.1E.			457.44	456.12	605.15	51
Convergency.			456.12			605.22
Total S.					605.15	
Error in lat.			1.32	Error in dep.		.90

A P P R O V A L .

Office of the

No. 1381

United States Surveyor-General,

Phoenix, Arizona.

April 23, 1904

The foregoing field notes of the survey of *retracement of S. Bdy of T19N., R1E.*

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Executed by *John A. Hesse*

United States Deputy Surveyor, under his contract No. 103, dated *Sept. 27*, 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. Galloway

U. S. Surveyor-General.