

W. and S. Boundaries
T. 19 N - R. 2 E.

W.O. Secor
Contract #102

Book "C"

W. Bdy. is retracement.
S. " " "

1421

No. 1421

BOOK 1421

BOOK 1421

4671

FIELD NOTES
GENERAL LAND OFFICE.

See survey of N. Bdy. T. 19 N. R. 2 E.
by Gerard (in 1902) this page

copied by E. V. Nov. 9/03.
Compared 12/3/03 C. M. J.
Corrections and Corrections 12/04/03
M. J.

Des. sheet copied C. M.

Notes recopied C. M.
25/14

Corrected & checked
C. M. J.
2-15-1904

Field Notes

of the survey of the
West and South Boundaries.

Returned

of
Township 19 N. R. 2 E.

of the
Gila and Salt River Basins Meridian
in the

Territory of Arizona
as surveyed by

W. Oscar Sear

U.S. Deputy Surveyor,
Under his contract No. 102,

Dated June 30, 1902,

Survey commenced June 4, 1903.

Survey completed June 6, 1903

assistants —

Joel Anderson Chairman

A. B. Johnson "

J. M. Lockwood Moundman

C. G. Schwartz Axman,

Hubert Harpham "

Norman Coote Flagman

Township 19 N Range 2 E

BOOK 1421

County, _____

		NORTH						
WEST	22	6	5	4	3	2	1	EAST
	21	7	8	9	10	11	12	
	20	18	17	16	15	14	13	
	19	19	20	21	22	23	24	
	18	30	29	28	27	26	25	
	17	31	32	33	34	35	36	
		SOUTH						
		14	12	10	8	6	4	

BOOK 1421

3

S. Bdy, T. 19, N. R. 2 E.
BOOK 1421

1903
June 4: At 7^h a. m. l. m. t
I set off 22° 21' N. on the decl.
arc; 34° 59' N. on the lat. arc,
and determine a true meridian
with the solar at the cor. of
Tps. 19 N. R. 2 & 3 E.

Thence I run

N. on S. bdy. sec. 36

Over rolling land through
dense cedars.

23.25 The cor. of secs. 2 & 3 on N. bdy.
Tps. 18 N. R. 2 E.
sandstone

40.00 Set a s.s. 16x14x6 ins. in a
md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, from which
A cedar 5 ins. diam. bears
N. 56° E 83 lks. dist. marked $\frac{1}{4}$ S.
86 R. 5

80.00 Set a malpais 18x14x8 ins.
in a md. of stone for cor.

S. Bdy T. 19 N. R. 2 E. ⁵

No. 1421

BOOK 1421

of secs. 35 & 36, marked with
1 notch on E. & 5 notches on W.
edges, from which

A cedar 9 ins. diam. bears
N. 59° W. 95 lks. dist. marked
T. 19 N. R. 2 E. S. 35 B. T.

A cedar 4 ins. diam. bears
N. 48° E. dist. 55 lks. marked
T. 19 N. R. 2 E. S. 36 B. T.

Land rolling 80.00 chs.

Dense cedars 80.00 chs.

Soil 4th rate.

6

S. Bdy. T. 19 N. R. 2 E.

BOOK 1421

W. on S. bdy. sec. 35.

Over mountainous land,
through dense cedars, ascending

23.21 The cor. of secs. 34 & 4 on N. bdy.
Tp. 18 N. R. 2 E.

40.00 Set a malpais 16 X 10 X 4 ins.
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face,
from which

A cedar 8 ins. diam. bears
N. $0^{\circ}30'$ W. 135 lks. dist.

X marked $\frac{1}{4}$ S. 35 B. T.

45.00 Top of ascent, descend

50.00 Bottom of descent, ascend

65.00 Top of ascent

80.00 Set a sandstone 18 X 12 X 5 ins.
in a md. of stone for cor. of
sec. 34 & 35 marked with 2
notches on E. and 4 notches

S. Bdy. T. 19 N. R. 2 E,

BOOK 1421

7.

on W. edges, from which

A cedar 5 ins. diam. bears

N. 51° E. 100 lks dist. marked

T. 19 N. R. 2 E. S. 35 B. T.

A cedar 8 ins. diam. bears

N. 13° W. dist. 177 lks marked

T. 19 N. R. 2 E. S. 34 B. T.

Dense cedars 80.00 chs.

BOOK 1421

- W. on S. bdy. sec. 34
- 23.18 Over rolling land, through
Cor. to sec. 4 & 5 on N. Bdy S. 18 N. R. 2 E.
dense cedars.
- 40.00 Set a malpais 18 x 12 x 6 ins.
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face,
from which
A cedar 4 ins. diam. bears
N. 4° E. 11 lks. dist.
marked $\frac{1}{4}$ S. 34 B. T.
- 80.00 Set a sandstone 20 x 10 x 6 ins.
in a md. of stone for cor.
of secs. 33 & 34 marked with
3 notches on E. & W. edges,
from which.
A cedar 8 ins. diam. bears
N. 63° E. 63 lks. dist. marked
T. 19 N. R. 2 E. S. 34 B. T.
A cedar 14 ins diam bears

N. 63° W. 108 lks dist. marked

T. 19 N. R. 2 E. S. 33 B. T.

Land rolling

Dense cedars 80.00 chs.

Soil 4th rate.

BOOK 1421

- W. on S. bdy. sec. 33
- 23.20 Over rolling land through
Cor. to secs 5 & 6 on N. Bdy. T. 18 N. R. 2 E.
dense cedars.
- 40.00 Set a malpais 18x10x10 ins
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face,
from which
A cedar 8 ins. diam. bears
N. 2° W. 35 lks. dist.
marked $\frac{1}{4}$ S. 33 B.T.
- 80.00 Set a malpais 18x18x6 ins.
in a md. of stone for cor.
of secs. 32 & 33 marked with
4 notches on E. & 2 notches
on W. edges, from which
A cedar 8 ins diam. bears
N. 78° W. 45 lks. dist. marked
T. 19 N. R. 2 E. S. 32 B.T.
A cedar 10 ins. diam. bears

N. 35° E. dist. 74 lks. marked

T. 19 N. R. 2 E. S. 33 B. T.

Land rolling

Dense cedars 80.00 chs.

Soil 4th rate

BOOK 1421

W. on S. b'dy. 32.

Over rolling hills, through
dense cedars.

22.22 The cor. of Tps. 18 N. Rs 1 & 2 E.

40.00 Set a malpais 16 x 14 x 12 ins.
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face,
from which

A cedar 16 ins. diam. bears
N. 18° E. 28 lks. dist.

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

62.16 The $\frac{1}{4}$ sec. cor. on N. b'dy.
sec. 1 Tp. 18 N. R. 1 E.

80.00 Set a malpais 24 x 12 x 8 ins.
in a md. of stone for cor.
of secs. 31 & 32 marked with
5 notches on E. & 1 notch on
W. edges, from which
A cedar 15 ins. diam. bears

N. 51° E. 109 lks. dist. marked

T. 19 N. R. 2 E. S. 32 B. T.

No other trees in dist. Build md. of stone
 2 ft base 1/2 ft high w. of cor. *Quia* imponderable
 Land rolling hills

Dense cedars 80.00 chs.

Soil 4th rate.

BOOK 1421

- W. on S. bdy. sec. 31.
Over rolling hills, through
dense cedars.
- 30.00 Gulch, course S.
- 21.86 The cor. of secs. 1 & 2 on N.
bdy. T. 18 N. R. 1 E.
- 35.00 Leave cedars
- 40.00 Set a malpais 16 X 12 X 4 ins
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face,
pits impracticable.
- 61.57 ^{Build a md. of stone $\approx \frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. N of}
The $\frac{1}{4}$ sec. cor. on N. bdy. sec.
2 T. 18 N. R. 1 E.
- 66.24 The cor. of Tps. 19 N. Rs. 1 & 2
E. which is a malpais in
a md. of stone, with md.
of stone N. of cor. marked
& witnessed as described by
the Surveyor General.

Land broken

Dense cedars 35.00 chs.

Soil 4th rate.

June 4 - 1903

W. Bdy, T¹⁹ N. 9 R. 2 E. 17

BOOK 1421

June 5: at 7^h a.m. l.m.t.
I set off 22°28' N. on the
decl. arc; 34°59' N. on the lat.
arc; and determine a true
meridian with the solar
at the cor. of Tps. 19 N. Rs.
1 & 2 E.

Thence I retrace the W. bdy.
Tp. 19 N. R. 2 E. as follows:
N. bet. secs. 31 & 36

40.00 The $\frac{1}{4}$ sec. cor. on line.

80.00 The cor. of secs. 25, 26, 35 &
36 on line.

W. Bdy. T. 19 N. R. 2 E.
 BOOK 1421

N. bet. secs. 25 & 30.

40.00 The $\frac{1}{4}$ sec. cor. on line

73.00 Edge of mesa bears E & W.
 Descend abruptly.

80.00 The cor. of secs. 19, 24, 25 & 30
 on line

N. bet. secs. 19 & 24

12.00 Bear Cañon, 1000 ft. deep,
course S. 55° W. ascend abruptly.

26.90 Top of rim N. side bears
N. 50° E. & S. 50° W.

40.00 The $\frac{1}{2}$ sec. cor. bears N. 1, 16 ^{chgs} ~~lks~~
Continues N. on same line

76.90 The cor. of secs. 13, 18, 19 & 24
which is a malpais 16 x 10 x 4
ins. in a md. of stone, from
which a cedar 12 ins. diam.
bears S. 45° E. 30 lks. dist.
marked T. 19 N. R. 2 E. S. 19 B. T.
bears N. 241 lks, which makes
the bearing of ^{5 1/2 mile of} this line
N. 10° 40' W. 40.00 chs. of the last $\frac{1}{2}$
mile is N. 1° 59' W. 36.90 chs.
June 5 - 1903

BOOK 1421

June 6: At 7^h a.m. l.m.t.
 I set off $22^{\circ}35'N$. on the decl.
 arc; $35^{\circ}02'N$. on the lat arc;
 and determine a true meridian
 with the solar at the cor. of
 secs. 13, 18, 19 & 24

Thence I run.

N. bet. secs. 13 & 18

40.48 The $\frac{1}{4}$ sec. cor. bears $W. 114$ lks.
 which makes the true bearing
 of this line $N. 1^{\circ}39'W$. Thence
 from the $\frac{1}{4}$ sec. cor. I run N.

40.00 The cor. of secs. 7, 12, 13 & 18
 bears $E. 40$ lks, which makes
 the bearing of this line
 $N. 0^{\circ}34'E$.

W. Bdy, T. 19 N. R. 2 E. ²¹

BOOK 1421

N. bet. secs. 7 & 12

40.31 The $\frac{1}{4}$ sec. cor. bears W. 70 lks. which makes the bearing of this line N. $1^{\circ}00'$ W.

Thence from the $\frac{1}{4}$ sec. cor. S run N.

40.36 The cor. of secs. 1, 6, 7 & 12 bears W. 6 lks. which makes the true bearing of this line N. $0^{\circ}05'$ W.

22 W. Bdy. T. 19 N. R. 2 E.

BOOK 1421

N. bet. secs. 1 & 6

40.00 I was unable to find the
 $\frac{1}{4}$ sec. cor.

~~88.64~~
~~86.53~~ The closing cor. of Tps. 19
and 20 N. R. 2 E. bears E. ^{3.6'} ~~6.5'~~ chs.
which makes the true ^{length and}
bearing of this mile ^{N. 2° 20' E. 88.71} ~~44° 18' E~~
Could not find the cor. to Tps. 19 and 20
N. R. 1 E. June 6-1903

W. Oscar Jacob.
U.S. Deputy Surveyor.

No. 1421 BOOK 1421

A P P R O V A L .

Office of the
United States Surveyor-General,
Phoenix, Arizona.

December 7, 1903.

The foregoing field notes of the survey of South and West Boundaries Township 19 north, range 2 east, of the Gila and Salt River Base and Meridian, in the Territory of Arizona, executed by W. Oscar Secor, United States Deputy Surveyor, under his contract No. 102, 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. Ingalls

U. S. Surveyor-General.