

1702

North Boundary

— 7 of 10

Tp. N^o 30 N. R. 2 W.

1702

BOOK 1702 *Secor.*

4-671

FIELD NOTES
GENERAL LAND OFFICE.

1702

Copied + compared

BOOK 1702

4	6	7	8	9	11
6	5	4	3	2	1
<i>P. 302, R. 22.</i>					

1702

+

BOOK 1702

ru

N. Bdy. Tps 30. N. R. 2. W

Oct. 17, at 8^h 00^m AM. L.M.T I set off 36.00
N. on the lat arc; 9° 13' S on the decl. arc
and determine a true meridian with the
solar at the cor of Tps 30 and 31. N. R's 1 and 2. W.
thence I run

West on a random line, along the N.
bdy. of Tps 30. N. R. 2. W. setting temp
1/2 sec, and sea corr at each 40 and
80 chs respectively. And at 3 miles
79.75 chs, the E. rim of Cataract Cañon,
with vertical bluff 1500 ft, above bottom
of Cañon. To determine the distance
across the Cañon, I set a flag on line
on the west rim of Cañon; then from
a point on the N. bdy. of sec 4, 71.40
chs N. of Cor, to sec 3, 4, 33, and 34. I
measure a base line, N. 10° 30' W, 26.00 chs
to a point from which the flag bears
S. 69° 18' W, Then for $\text{Sin. } 79.4^\circ \times 26 \div$
 $\text{Sin } 20^\circ 42' = 72.39$ the dist to W. rim of Cañon

and at 478.49 chs. intersect the N. boundary
 of Tp. 182 lks N of Cor to Tps 30 and 31 & R.
 2 and 3 N., which is a lime stone in a
 Md of stone properly marked, with Md of stone
 2 ft high S. of Cor. The falling answers to
 a correction of $0^{\circ} 13'$ or $30 \frac{1}{3}$ lks per mile
 counting from the N.E. Cr of the Tp.

Then for I run N. $89^{\circ} 47' E$ bet
 Secs 6 and 31. over mountainous land
 through dense undergrowth

38.49 Set a lime stone $18 \times 8 \times 7$ ins. in a
 Md of stone for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{2}$ on N. and raised a Md of stone

49.80 3 ft base and 3 ft high N. of Cor
 pits impracticable
 Edges of bluff of Cañon bears N.E.
 and S.W. descend abruptly.

51.00 Bottom of Cañon course N.E.
 ascend abruptly

5380 Top of bluff E side bears N.E. and S.W.

78.49 Set a lime stone $18 \times 10 \times 8$ ins in a Md

of stone for Cor to Secs 5-6. 31 and
32. marked with one notch on
N. and 5 notches on E. edges and
raised a rd of stone 2 ft base and
2 1/2 ft high. N. of Cor. fits unprac.
Mountainous land 78.49^{plus}
Dense undergrowth 78.49^{plus}
Soil 4th rate

Oct 17-1900

Oct 18: at 8^h - 05^m - AM. l.m.t. - I set off 9.34
 S. on decl arc: 36°.0' N. on lat arc: and
 determine a true meridian with the stars
 at Cor, to Sics 5, 6, 31, and 32

Thence I run N. 89° 48' bet Sics 5 and 32
 over mountainous land through
 dense undergrowth.

14.65 Edge of bluff Catarack Cañon 1500
 ft high. bears N and S

40.00 Point for W. Sec. Cor comes in Catarack
 Cañon and is inaccessible

80.00 Point for Cor to Sics 4, 5, 32 and 33 comes
 in Catarack Cañon and is inaccessible

80.20 E. rim of Catarack Cañon bears N + S

81.30 Set a line stone 30 x 16 x 8 ins in mid of
 stone 4 ft high for distance Cor to Sics 4
 5, 32 and 33 marked with 2 notches on W.

and 4 notches on E. edges with N. C. on N
 Pils imprac. No trees near.

face, mountainous land 81.30

Soil of the route

- From Whitney Cr., on N. edge Sec 4 west
rim of Cataract Cañon I run N
89° 47' E, bet. Secs 4 and 33, over
mountainous land, through dense
undergrowth, ascending
- 36.70 Edge of bluff. of Cañon bears N + S
descend abruptly.
- 38.70 Set a lime stone 18 x 12 x 6 in in
a Md of stone for 1/4 sec cor
marked 1/4 on N. face.
Pits impracticable.
- 42.20 Bottom of Cañon 300 ft deep, course
N. ascend abruptly.
- 47.70 Top of bluff. bears N and S
- 78.70 Set a lime stone 20 x 16 x 6 in in
a Md of stone 3 ft high for cor,
to Secs 3, 4, 33, and 34 marked
with 3 notches on E, and 3 notches
on W. Edges Pits imprac.
No trees within limits.
Mountainous land 78.7 chs dense undergrowth 78.7 chs
Soil rocky 4th rate

- N. 89° 47' E brk faces 3 and 34
Over mountainous land, through
dense undergrowth.
- 30.00 Edge of bluff of Cañon bears N. & S. descend
- 34.50 Bottom of Cañon 200 ft deep course
N. ascend
- 39.00 Top of bluff bears N and S
- 40.00 Set a lime stone 18x12x6 in in a
mid of stone for 1/2 sec Cr. marked
1/4 on N face. Pits imprac.
- 44.00 Edge of bluff of main side Cañon
bears N. W. and S. E. descend abruptly.
- 50.00 Bottom of main side Cañon 600 ft deep
Course N. W. ascend abruptly.
- 54.50 Top of bluff, bears S. E. & N. W.
continue to ascend abruptly
- 66.75 Top of bluff of Cañon bears S. W. & N. W.
- 80.00 Edge of bluff of Cañon bears S. W. & N. W.
Set a lime stone 20x14x6 in in a
mid of stone for Cr to see 2, 3, 34 and 35

Marked with two notches on E and
 4 notches on W edges.
 Pits imprac. No bearing trees within limits.
 Mountainous land 80 chs
 Dense Undergrowth 80 chs
 Scattering Cedars and Firms
 Sail at the rate

N. $89^{\circ} 47' E$, bar Secs 2 and 35
 Over mountainous land through
 dense undergrowth and scattering trees
 Descending abruptly.

- 10.00 Bottom of main side Cañon, 600 ft.
 deep course S.W. ascend abruptly
- 13.00 Top of point of bluff, bears N.W.
 and S.W. descend abruptly.
- 15.30 Bottom of main side cañon course
 S.E. ascend abruptly.
- 20.60 Top of bluff, bears N.W. + S.E.
- 35.00 Edge of bluff, bears N.E. and S.W. ascend

- 40.00 Set a line stone $18 \times 14 \times 6$ ins in a
 mid of stone for $\frac{1}{2}$ sec cor. marked
 $\frac{1}{2}$ on N. face Pits impracticable.
- 42.50 Bottom of Cañon 30. ft deep, course
 S.W. ascend abruptly
- 50.50 Top of bluff bears N. E and S.W.
- 73.00 Edge of bluff. bears N. and S ascend abruptly
- 76.20 Bottom of Cañon 30. ft deep. course
 S. at 5 chs turn N. ascend
- 80.00 Set a line stone $18 \times 12 \times 10$ ins
 in a mid of stone for cor to sec
 1, 2, 35 and 36, marked with
 one notch on E. and 5 notches
 on N. Edges. from which
 A. Piton 8 ins diam bears S. 23° W
 187 lbs dist
 Marked T. 30 N. R. 2. W. S. 2. T. 3 T
- A. Piton 12 ins diam bears 389° E
 61 lbs dist
 Marked T. 30 N. R. 2. W. S. 1. T. 3 T

A Fir cone 6 ins diam bears N. 60° 30' E

87 lbs disk

Marked T 31 N R 2 W S 36 T B T

Mountainous land 80 chs

Dense Undergrowth 80 chs

Scattering Cedars and Fir cones

Sail + rate

N. 89° 47' E best Secs 1 and 36

Over mountainous land through
dense undergrowth and scattering
Cedars, and Fir cones, ascending

5.00 Top of bluff. bears N and S

40.00 Set a lime stone 26 x 12 x 6 ins in
a Md of stone for 1/2 sec or more
1/2 in N. face, from which:

A Cedar 6 ins diam bears S. 30° W.

10 lbs disk, Marked 1/4 31 T B T

A Fir cone branch 6 ins diam bears

N. 3° W. 110 lbs dist

Marked U.S. 36 B.T.

This cor is in rocky gulch. Ascend

70.00 Top of hill bears N and S descent

80.00 The cor to Tps 30 and 31 N. R. 10

N. Mountains, land 80 chs

same Undergrowth 80 chs

Scattering Cedars and Junipers

Soil at the rate

Oct 18 - 1900

A P P R O V A L.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

March 1, 1901.

The foregoing field notes of the survey of The N. Boundary of Tp.

30 N. R 2 W G and S. R. Mer.

executed by W. Oscar Secor

under his contract No. 77, dated June

Aug 29, 1900, having been critically

examined, and the necessary corrections

and explanations made, the said field

notes, and the surveys they describe,

are hereby approved.

U. S. Surveyor General for Ariz.