

II

BOOK 1114

subdivisions

map of

Tp. 31 N. R. 2 W

SECOR.

1114

BOOK 1114

4-671

FIELD NOTES

GENERAL LAND OFFICE.

No. 1114

Indexed Book 1113

60

Township 31N R. 2W

6	77	5	62	4	117	3	2	1
76		75		61				
7	74	8	60	9	10	11	12	
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30	63	29		28	27	26	25	
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N. 5.03 N. on a random level bet sec's
4 and 5

40.00 Set traps 1/4 sec cor.

78.50 Intersect N. bdy. Tp. 26 lbs. N. of cor to
Sec's 4.5. 32 and 33. Trace I run:

S. 5.01 N. on a true line bet sec's 4 and 5

10.00 Descending, through dense undergrowth
Bottom of Cañon Course. N. Ascend

22.00 Top of bluff of Cañon been E and N.
Continue to ascend.

38.00 Top of ridge.

38.50 Set a lime stone. 18.14.4 in in a bed
of stone. for 1/4 sec cor. Marked 1/4 on N. face
From which.

A flint 8 in diam bears N. 63.15° W. 36 lbs dia
Marked 1/4 S. 5. T. 6

A flint 12 in diam bears S 27.15° E.

48 lbs dia. Marked 1/4 S. 4. T. 6

Descending.

48.20 Bottom of Cañon. Course N. 60° W. Ascend

- 68.50 Top of bluff, bears $N 60^{\circ} W$ and $S 60^{\circ} E$
 78.50 The cr to sea is 4, 5, 8 and 9.
 Mountainous land 78.50
 Dense Undergrowth 78.50
 Scattering Cedars and Junon
 Soil 4th rate. DEC. 14: 1900

It being impracticable to run N. from
 township boundary.

Dec 15: 8th AM L.M.T. I set off. $23:11 S$ on the
 decl. Arc. $36.01 N$ on the lat. Arc. And determine
 a true meridian with the solar at the cr
 to sea 19, 20, 29 and 30. Thence I run:

- $S 0^{\circ} 3' E$ on a true line, bet sea 29 and 30
 Over mountainous land. Through
 dense undergrowth and scattering Cedars
 3.50 Descend to rocky gulch
 6.50 Bottom of gulch. Course S.W. Ascend
 19.00 Top of rocky ridge bears $N.E.$ and $S.W.$
 Descend.
 27.00 Hit a lime stone 24 x 14 x 8 in. in a $N.W.$

Tp. 31 N. R. 2 W.

- of stone, for nitrous Ox to the $\frac{1}{4}$ sec
 top, marked N. C. $\frac{1}{4}$ on N. face. ^{From}
 It is impracticable. No trees
 27.17 Edge of N.W. bluff. of Cataract Cañon
 1500 ft deep. bears E. and N.
 Mountains land. $\frac{40.00}{27.17}$ chs
 Dense Undergrowth. $\frac{40.00}{27.17}$ chs
 Scattering Cedars.
 Soil at the rate.

- S 89° 47' N. on a true line but six
 19 and 30. Poor mountainous land
 Through dense undergrowth and
 Scattering Cedars. Descending.
 10.00 Bottom of Cañon. 150 ft deep. Course S.W.
 Ascend Doink.
 15.00 Top of bluff of Doink. bears N.W. and N.N.
 Descend to cañon
 17.90 Bottom of Cañon Course S.E. Ascend
 22.50 Top of bluff. bears N.W. and S.E.

Asceend.

33.00 Bottom of gulch course S. Asceend.

40.00 Top of Asceend.

Set a Line Stone 18x12x10 in in a Mid
of Stone for 1/4 sec Cor. Marked 1/4 on
N. face. Pits impracticable No trees west.

46.00 Bottom of descent. Asceend.

61.00 Top of high ridge bears N.W. and S.E.
Desceend.

63.50 Edge of Vertical bluff. of Cataract Cañon
bears N.W. and S.E.

Mountainous land 63.50 chs

Dense Undergrowth 63.50 chs

Scattering Cedars and Pinons

Sail 4th rate.

- No. 00 N. Oak Secs 19 and 20 over
broken land through dense under-
growth. Slightly ascending.
- 30.00 Top of ascent. begin to descend.
- 40.00 Set a lime stone $18 \times 12 \times 8$ in in a 7th
A stone for $\frac{1}{2}$ sec Cor Marked $\frac{1}{2}$ on W face
Pits impracticable - no trees near to
Bottom of descent. Ascend.
- 50.00
- 68.00 Top of high ascent.
- 80.00 Set a lime stone $18 \times 8 \times 8$ in $\frac{1}{2}$ in in the
ground for cor to sec 17, 18, 19 and 20,
Marked with 3 notches on S and 5 notches
on E. edges. dug pits $18 \times 18 \times 12$ in, in
Each sec $5\frac{1}{2}$ ft deep, raised a 7th
of earth 4 ft base 2 ft high N. of Cor
Land broken
Dense undergrowth 80 chs
Scattering Cedars and ~~Juniper~~
Soil $\frac{1}{2}$ the water, Dec 15-1900

- Dec 16: 8th AM. 8. m. l. I set off 23.14 on the decl. arc. 36.0° on lat. arc. and determine a true meridian with the solak at the cor to sec 17, 18, 19 and 20. Thence I run N. 89.47° E on a random line bet sec 17 and 20.
- 40.00 Set temp 1/4 sec cor.
- 80.05 Intersect N and S line. 12 blk. N. of Cor to sec 16, 17, 20 and 21, Thence I run S 89.52° W on a true line bet sec 17 and 20. Over broken land. Through dense undergrowth scattering Adas and Firms. Descending
- 1.00 Draw. Course N 10° W. Ascend
- 12.00 Top of bank of draw. bears N and S
- 40.03 Set a line stone 18x10x6 ins, 12 ins in the ground for 1/4 sec cor. Marked 1/4 on N. face. Dig pits 18x18x12 ins E and W of stone 3 ft deep. raised a Mdn of earth, 3 1/2 ft base 1 1/2 ft

high. N of Cor.
 8005 The Cor to sees 17, 18, 19, and 20
 Sand broken.
 Soil 1st rate
 Dense Undergrowth 80.05
 Scattering Cedars and *Picea*

N. 0'03 N. bet sees 17 and 18
 Low Mountainous land. Through
 dense undergrowth. Scattering timber
 Descending
 6.00 Bottom of draw. and head of Cañon
 Course W.
 9.00 Foot of rock bluff. Ascend abruptly
 10.10 Top of bluff. bears Sand W.
 40.00 Saw a sand stone 18x12x8 in in a bed
 of stone for 1/4 sec Cor marked 1/4 on N. of see
 From which:
 A *Picea* 8 in diam born N 24° W 61 lbs dist

Marked 14 S. 18. BT

A Cedar branch 6 in diam bears S 18° E

120 lbs. dia. Marked 14 S. 17. BT

47.00 Descend abruptly.

50.50 Edge of bluff bearing W. and N. 5° E.

Descend along steep slope. at foot of bluff.

55.32 Edge of vertical bluff of Cañon 200 ft deep

Descend abruptly.

57.10 Bottom of Cañon Course W. around abruptly

58.90 Top of bluff. N side Cañon bears E and W

Continue to ascend.

50.00 Set a line stone 18x14x6 in. in a row

of stone for Cor to sec. 7, 8, 17 and 18

Marked with 4 notches on S and 5 notches

on E. edges. Pits unpract. No rice was

Mountainous land 80 chs

Dense Undergrowth 80 chs

Scattering Cedars and Pinons

Trail 4th rate.

- S. 89.47 W. on a random line. bet
secs 18 and 19.
- 40.00 Set trap 1/4 sec cor
- 77.10 Intersect. N. Edg. Tp. 37 thort. of Cor
to secs 13. 18. 19 and 24. Thence I run;
N. 89.30 E on a true line bet seci
18 and 19. Ascending ^{Through dense undergrowth} over into land-
- 24.10 Edge of bluff. bears N and S
- 25.50 Bottom of Cañon. Course N. Ascend.
- 30.10 Top of bluff. bears N and S. continue
to ascend.
- 31.00 Top of bluff. bears N and S. descend
- 37.10 Bottom of descent.
Set a lime stone 16x12x12 in in a ^{rod}
of stone for 1/4 sec cor. Marked 1/4 on N face
Pit in impact. No trees near
Ascend.
- 38.00 Top of ascent. Descend
- 48.60 Edge of bluff. bears N and S Descend
abruptly.
- 50.10 Bottom of Cañon Course N

5-1.00 Top of bluff. Cross N and S continue to ascend.

58.00 Top of ascent.

77.10 Cor to secs. 17, 18, 19 and 20
 Mountainous land 77.10 chs
 Dense Undergrowth 77.10 chs
 Scattering Cedars and various
 Soil 1th rate

Dec 16-1900

Dec 17: 9th AM. Lat & S set off. 23.19' S on the
 decl arc: 36.04' on the lat arc: and determine
 a true meridian with the solar at the cor
 to secs 7, 8, 17, and 18. Thence I run:
 N. 89° 52' E on a random line. to
 Secs 8 and 17.

40.00 Set trap 1/4 sec cor.

79.96 Intersect N and S. line. 4 lbs S of Cor
 to secs 8, 9, 16 and 17. Thence I run

- S 89° 50' W on a true line but
 Sec 8 and 17 over mountainous land
 through dense undergrowth and
 scattering Cedars and Firs
- 1.00 Gulch to S.W. Ascend
- 4.00 Top of bluff. bears N.E. and S.W.
 Continue to ascend,
- 19.00 Top of rise.
- 25.60 Edge of bluff. bears N and S
 Descend abruptly.
- 29.50 Bottom of Cañon Course S. Ascend
- 32.20 Top of bluff. W. side. Continue to ascend
- 33.00 Top of ascent.
- 39.98 Set a lime stone 20 x 12 x 6 in in a bed
 of stone for 1/4 sec Cr marked W on N
 face. Pits impract - trees in limits.
- 42.60 Edge of bluff bears N and S. Descend
- 44.50 Bottom of gulch Course S. Ascend
- 46.60 Top of bluff. W. side Continue to ascend
- 49.39 Mogui Trail bears N.W. and S.E.

- 54.00 Top of rise. descend
 66.00 Bottom of head of Cañon Course 3
 Ascend.
 72.00 Top of low bluff. bears N.W. and S.E.
 79.96 Cor to sec's 7, 8, 17 and 18.
 Mountainous land 79.96
 Dense Undergrowth 79.96
 Scattering Cedars and Pinus
 Soil $\frac{1}{4}$ the rate

S89°31'W on a true line bet
 Secs 7 and 18. Cor broken land
 through dense undergrowth.
 and scattering timber

- 23.00 Descend towards Cañon
 40.00 Set a line stone, 20x12x8 ins in a row
 of stone for $\frac{1}{4}$ sec cor, marked 'H' on
 A face. Pits in contact. No trees near.
 50.75 Edge of bluff of Cañon. branch of Cataract

bearing $N. 75^{\circ} E$ and $S 75^{\circ} W$

Impracticable to proceed further on this line.

Mountainous land 50.75 chs

Dense Undergrowth 50.75 chs

Sail $\frac{1}{2}$ rate

Scattering Cedars and Junos

$N 0^{\circ} 3' W$. but see 7 and 8

Over broken ground. Through dense Undergrowth.

13.09

Trail bears $N. W.$ and $S. E$

40.00

Set a lime stone $18 \times 10 \times 8$ in 12 in in the ground for $\frac{1}{4}$ sec cor Marked $\frac{1}{4}$ on N. face. raised a $\frac{1}{2}$ of stone 2 ft base 2 ft high N. of Cor.

80.00

~~Set impracticable~~
Set a lime stone $18 \times 14 \times 8$ in 12 in in the ground for Cor to see 5. 6. 7 and 8. Marked with 5 notches

on 3 and 5 Notches on E edges
 Aug Sets 18x18x12 in. in each
 Sec 5 1/2 ft dia, raised a 1/2
 of earth 4 ft base 2 ft high. W of Cor
 Land broken
 Soil 3rd rate
 Dense Undergrowth 80 lbs
 No timber

N 89° 50' E on a random line bet
 Secs 5 and 8.

40.00 Set traps 1/4 Sec Cor

79.96. Intersect N. and S. line, 9 lbs S of Cor
 to secs 4, 5, 8 and 9, Thence down
 S 89° 46' W on a true line bet secs
 5 and 8. - through dense undergrowth

26.52 Trail bears S. E. and N. W.

39.98 Set a lime stone 16x14x6 ins, 10 ins

in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ on N face. dug pits
 18x12x8 ins, 2 and W. of stone 3 ft
 disk, raised a Md of earth
 $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high N of Cor
 79.96 The Cor to Secs 5, 6, 7 and 8.

Land broken

Soil 3rd rate

Dense Undergrowth 79.96 chs
 No timber

S $89^{\circ} 31' W.$ on a random line
 bet Secs 6 and 7

40.00 Set trap $\frac{1}{4}$ Sec Cor.

76.00 Intersect. N. body. Tp. 11. line N of Cor
 to Secs 1, 6, 7 and 12, Thence I run
 N $89^{\circ} 26' E$ on a true line bet Secs
 6 and 7. Through dense undergrowth.

36.00 Set a line stone 18x12x8 ins, 12 ins

in the ground, for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ on N. face. dug pits
 18x18x12 in E and W of stone
 3 ft dia, raised a $\frac{1}{2}$ md of earth
 $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high N of cor

76.00 The cor to sees 5, 6, 7 and 8

Land broken

Soil $\frac{1}{4}$ th rate

Dense Undergrowth 76. cl

No timber

N. $0^{\circ} 3'$ W on a random line
 but sees 5 and 6

40.00 Set trip $\frac{1}{4}$ sec cor

77.90 Intersect N. bdy. Tp. 21 lks. W of cor
 to sees 5, 6, 31 and 32. Thence 9 run
 $5^{\circ} 13'$ W on a true line bet sees
 5 and 6. Descending

7.90 Edge of bluff of Cañon bet E and W

- Descend abruptly
- 13.00 Center of Cañon Course-W.
- Ascend abruptly.
- 17.90 Top of bluff. S side bears said W.
- 37.90 Set a lime stone, 18x12x7 ins. in a
 mid of stone for $\frac{1}{4}$ sec Cor. Marked
 $\frac{1}{4}$ on W. face. Pits unfract. W. hrs.
- 77.90 Cor to secs 5, 6, 7 and 8.
- Mountainous land 30 chs.
- Dense Undergrowth 77.90 chs.
- Soil 4th rate.
- No timber.

Dec 17-1900

No. 1114

General Description

This township is generally extremely rough and mountainous, being traversed by many deep rugged Cañons tributary to the Cataract Cañon which passes through the western portion in a southerly direction and is impassable at any point in this township.

The soil is generally rocky and covered with a dense growth of "Cock brush" - which grows to a height of from six to fifteen feet, and black sage - which grows brass high and greatly impedes travel.

There is no living water in this township.

There is no settlers in this township.

The timber consists of Fir and Cedars, which in many places is very dense.

Lines not run were impracticable to survey.

A P P R O V A L.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

~~Dec~~ Mar 1, 1901.

The foregoing field notes of the survey of The Sub-line of T.

317 R. 2 W. Sec. 2 East River

executed by W. Oscar Jecor

under his contract No. 77, dated 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 Arizona.