

II

subdivisions

map of

BOOK 1112

T. 31 N. R. 1 W

SEGOR.

4-671 BOOK 1112

FIELD NOTES

GENERAL LAND OFFICE.

No. 1112

1112

Township 31N R. 1W

6	104	5	76	4	3	2	1
102		100		75			
7	98	8	73	9	10	11	12
97		95		71			
18	93	17	69	16	15	14	13
92		90		68			
19	88	20	66	21	22	23	24
86		84		64			
30	82	29	57	28	27	26	25
81		80					
31	78	32		33	34	35	36

Tp. 31. N. R. 1. W.

- N. $89^{\circ}51'E$ on a random line
 bet. secs. 21 + 28. Over mountain
 one land through dense under-
 growth and scattering timber.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.87 Intersect N. and S. line 3 lks. N.
 of cor. to secs. 21, 22, 27 and 28.
 thence I run S. $89^{\circ}52' W$. on
 a true line bet. secs. 21 and 28.
- 7.00 Edge of bluff of cañon, bears
 N.W. and S.E. descend abruptly
- 12.50 Bottom of Cañon, course N.W. ascend.
- 16.00 Top of point of bluff W. side, descend.
- 26.00 Bottom of cañon, course N.W.
- 27.00 Top of bluff, bears N. + S.
 continue to ascend.
- 32.00 Top of ascent, descend abruptly.
- 38.00 Foot of bluff, continue to descend.
- 39.93 Set a line stone 24 X 10 X 8 ins.
 16 inc. in ground for $\frac{1}{4}$ sec.

No. 1112

cor. marked $\frac{1}{4}$ on N. face, dug
 pit 18x18x12 in. E. and W. of
 stone 3 ft. dist. raised a rnd.
 of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base,
 N. of cor.

41.00 Bottom of cañon, course S. W.
 ascend.

50.00 Top of point, descend.

52.50 Bottom of side cañon, course
 N. ascend.

54.00 Top of point, descend.

62.00 Bottom of cañon, 500 ft. deep,
 course S. 70° W. ^{and Road} ascend abruptly

66.20 Top of bluff, bears E. ^{and} W.

79.87 Cor. to sec. 20, 21, 28 & 29.

Mountainous land 79.87 che.

Dense undergrowth 79.87 che.

Scattering cedars & pines.

Soil 4th rate.

Nov. 8th 1900.

Nov. 9: At 8^h 0^{me} A.M. L.M.T.
 Set off 16° 49' S. on the decl.
 arc; 36° 02' N. on the lat. arc;
 and determine a true meridian
 with the solar at the cor. to secs.
 21, 22, 28th & 29. thence I run

N 0° 03' W. bet. secs. 20 & 21.

Over mountainous land, through
 dense undergrowth and scattering
 cedars and piñons.

40.00 Set a lime stone 18 X 10 X 4 inc.
 in a md. of stone for 1/4 sec. cor.
 marked 1/4 on W. face.

54.45 ~~bits unproct. no lines~~
 Mogui trail bears S.E. and N.W.

55.73 Road bears N.E. and S.W.

- 57.00 Descend to gulch.
- 64.00 Bottom of gulch, course N.W. ascend.
- 67.00 " " " " S.W. 4 ch. E.
of head of deep cañon, ascend.
- 80.00 Set a lime stone 18x12x6 ins. in
a md. of stone for cor. to sec.
16. 17, 20 + 21, Marked with 3
notches on S. and 4. notches
on E. edges, from which
A piñon 5 ins. diam. bears
N. 22° 20' E. 108 lks. dist.
marked N. 31 N, R. 1 W, S. 16 B. A.
- A piñon 4 ins. diam. bears
S. 51° 0.5' E. 115 lks. dist.
marked N. 31 N, R. 1 W, S. 21 B. A.
- A cedar 12 ins. diam. bears
S. 76° 0.5' W. 46 lks. dist. marked
N. 31 N, R. 1 W, S. 20, B. A.
- A cedar 12 ins. diam. bears
N. 5° W. 154 lks. dist.

marked N. 31 N, R. 12 W, S. 17 B. J.
 Mountainous land 80 che.
 Dense undergrowth 80 che.
 Scattering cedars & pinons.
 Soil 4th rate.

N. 89° 52' E. on a random line
 bet. sec. 16 & 21.

Through dense undergrowth
 and scattering cedars & pinons.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N. & S. line 11 lbs

N. of cor. to sec. 15, 16, 21nd & 22.

thence I run S. 89° 57' W. on
 a true line bet. sec. 16th & 21.

39.96 Set a line stone 24x12x4 ins.
 in a rnd. of stone for 1/4 sec.
 cor. marked 1/4 on N. face.

Site unpract
 no free soil limits
 65.36 Base road bears N. & S.
 79.92 Cor. to secs. 16, 17, 20 and 21.
 Land rough and rocky, soil 4th rate.
 Dense undergrowth 79.92 chs.
 Scattering cedars & pines.

N. $0^{\circ} 03' W$. bet. secs. 16 & 17.

Over mountainous land, thro' dense brush and scattering timber.

13.60 Gulch, course from N. $10^{\circ} E$. to S.W. ascend diagonally.

19.30 Top of bank of gulch continue to ascend.

24.40 Old road bears N.E. & S.W.

26.50 Top of ridge bears N.E. & S.W. descend to cañon.

35.20 Bottom of cañon 200 ft. deep, course W. ascend.

40.00 Top of bluff of cañon, bears E. & W.

- Set a lime stone 20X10X4 ins.
in a md. of stone for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face.
~~no trees in bunch~~
ascending. Pits impract
- 64.00 Trail bears N.E. $^{\text{rd}}$ S.W.
- 80.00 Set a lime stone 28X12X6 ins.
in a md. of stone for cor. to
secc. 8, 9, 16 & 17, marked with
4 notches on S. $^{\text{rd}}$ 4 notches
on E. edges, from which
A cedar 14 ins. diam. bears
 $^{\text{N.}} 61^{\circ} 30' \text{E.}$ 148 lks. dist,
marked $^{\text{N.}} 31 \text{ N. P. 1 W. S. 9 B. S.}$
A piñon 6 ins. diam. bears
 $^{\text{N.}} 62^{\circ} \text{ W.}$ 152 lks. dist. marked
 $^{\text{N.}} 31 \text{ N. P. 1 W. S. 8 B. S.}$
A cedar 12 ins. diam. bears
 $^{\text{S.}} 70^{\circ} 40' \text{ E.}$ 84 lks. dist.,
marked $^{\text{N.}} 31 \text{ N. P. 1 W. S. 16 B. S.}$
A cedar 12 ins. diam. bears

S. $36^{\circ}50'W$. 220 lks. dist.
 marked S. 31 N. P. 1 W. S. 17. B. 1.
 Mountainous lands 80 chs.
 Dense undergrowth 80 chs.
 Scattering cedars & pines
 Soil 4th rate.

N. $89^{\circ}57'E$. on a random line
 bet. recs. 9 & 16. Over mountainous
 land, through dense undergrowth
 and scattering cedars & pines.

40.00 Set temp 1/4 sec. cor.

80.10 Intersect N. & S. line 6 lks. S.
 of cor. to recs. 9, 10, 15 & 16.
 thence I run

S. $89^{\circ}54'W$. on a true line
 bet. recs. 9th & 16.

40.05 Set a lime stone 18X12X10 ins.

in a md. of stone for $\frac{1}{4}$ sec.
 cor. marked # on N. face, descend.
 Pto ~~impact~~ no fossils in sample
 48.00 Bottom of gulch course S.W.,
 road bears N.E. and S.W.

64.00 Enter dense cedars & pinons.

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

78.00 Leave timber.

80.10 Cor. to sec. 8, 9, 16 and 17.

Mountainous land 80.10 che.

Dense cedars & pinons 14 che.

Dense undergrowth 80.10 che.

Soil 4th rate.

Nov. 9, 1900.

Nov. 10: At 9^h 0^m A.M. l.m.t.
 I set off $17^{\circ} 07'$ S. on the decl.
 arc; $36^{\circ} 04'$ N. on the lat. arc;
 and determine a true meridian
 with the solar at the cor. to
 secs. 8, 9, 16 and 17, thence I run

N. $0^{\circ} 03'$ W. bet. secs. 8 and 9.

Over mountainous land,

thru dense undergrowth and
 scattering cedars & piñons, ascending.

16.00 Top of ascent, Sec. 8 to cañon.

19.85 Bottom of gulch, course W. ascend.

26.00 Top of ridge, bears E. and W. descend.

40.00 Set a line stone $17 \times 14 \times 6$ ins.

in a mid. of stone for $\frac{1}{4}$ sec.

cor. marked $\frac{1}{4}$ on W. face from which

A piñon 10 ins. diam. bears

N. $72^{\circ} 30'$ W. 252 lbs. dist.

74

BOOK 1112

marked $\frac{1}{4}$ S. 8. B. A.

A piñon 12 ins. diam. bearing
S. $20^{\circ}15'E$. 80 lks. dist.

marked $\frac{1}{4}$ S. 9 B. A.

44.00 Bottom of cañon course S.W.
ascend abruptly.

47.50 Top of bluff, bearing N.E. + S.W.
continue to ascend.

53.00 Top of ascent, begin to descend.

72.00 Bottom of descent.

80.00 Set a line stone 18x12x10 ins.
in a mid. of stone for cor. to

secs. 4, 5, 8^{and} 9. marked with
5 notches on S. and 4 notches

on E. edges, from which

A piñon 6 ins. diam. bearing
N. $2^{\circ}50'W$. 57 lks. dist.

marked A. 31 N. R. 120. S. 5 B. A.

A piñon 16 ins. diam. bearing
S. $80^{\circ}50'W$. 272 lks. dist.

no other near
 Pito going west
 marked S. 31 N. R. 12 W. S. 8 T. 2 P.

Mountainous land 80 che.

Dense undergrowth 80 che.

Scattering cedars & piñons

Soil 4th rate.

N. 89° 54' E. on a random line

bet. sec. 4. ^{2nd} 9.

Over mountainous land, thro dense
 undergrowth ^{2nd} scattering cedars & piñons.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. & S. line at cor. to sec.

3, 4, 9 ^{2nd} 10. thence I run

S. 89° 54' ⁷⁰ E. on a true line bet. sec. 4. ^{2nd}

9. ascending diagonally.

4.00 Top of bluff of cañon base N.E. ^{2nd} S.W.

39.60 Road base N. ^{2nd} S.

40.00 Set a lime stone 24x12x6 ins. in
a md. of stone for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face, descend.

~~No trees near~~
41.00 Cutch Course S. ascend.

80.00 Cor. to sec. 4, 5, 8 and 9.

Mountainous land 80 ch.

Dense undergrowth 80 ch.

Scattering cedars & pines.

Soil 4th rate.

N. $0^{\circ} 03' W.$ on a random line

bet. sec. 4. and 5.

Ascending over mountainous land
through dense undergrowth.

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect N. Edy. Sp. 10 lbs. E. of
cor. to sec. 4, 5, 32 and 33, thence S. run

S. $0^{\circ} 07' E$. on a true line bet. sec.
4. and 5. Through dense cedars and
piñons. ascending.

26.00 Leave dense cedars & piñons.

39.97 Set a lime stone $18 \times 12 \times 10$ ins. in
a md. of stone for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face. Pit impract.
No bearing trees or limits

54.00 Enter dense cedars & piñons.

58.00 Top of high ascent, begin to descend.

70.00 Leave dense timber.

79.97 Cor. to sec. 4, 5, 8. and 9.

Mountainous land 79.97 chs.

Dense cedars & piñons 42. chs.

Dense undergrowth 79.97 chs.

Soil 4th rate.

Nov. 10. - 1900.

Nov. 11; At 8^h 0^m A. M. l. m. t.
 I set off 17° 22' S. on the decl. arc;
 36° 0' N. on the lat. arc; and determine
 a true meridian with the solar
 at the cor. to sec. 5, 6, 31, and 32, on
 the S. Edg, thence I run

N. 0° 04' ³W. bet. sec. 31. and 32.

Over mountainous land, thro dense
 cedars & pinons and dense undergrowth.

- 12.00 Descend to cañons.
- 18.00 Bottom of cañon, course S.W. ascend.
- 24.00 Top of bluff N. side, continue to ascend.
 Timber becomes scattering.
- 40.00 Set a lime stone 18x10x6 ins. in a
 md. of stone for 1/4 sec. cor. Marked
 1/4 on W. face. Pit impract
 no bearing eye
- 78.00 Top of high ascent.
- 80.00 Set a lime stone 26x14x12 inc.

in. a md. of stone for cor. to sec.
29, 30, 31nd & 32, marked with one
notch on S.th & notches on E. edges.
From which

A piñon 14 inc. diam. bears N. $84^{\circ}45'$
E. 123 lks. dist, marked S. 31 N. R.
1 W. S. 29 B. S.

A cedar 6 inc. diam. bears N. $35^{\circ}W$.
189 lks. dist. Marked S. 31 N. R. 1 W.
S. 30 B. S.

A piñon 8 inc. diam. bears S. $18^{\circ}45'E$.
67 lks. dist. Marked S. 31 N. R. 1 W.
S. 32 B. S.

A piñon 8 inc. diam. bears
S. $6^{\circ}40'W$. 88 lks. dist.
Marked S. 31 N. R. 1 W. S. 31. B. S.

Mountainous land 80 chs.
Dense undergrowth 80 chs.
Soil 4th rate.

Dense Cedars and Piñon 24 chs

- N. $89^{\circ}50'E$ on a random line bet.
secs. 29th and 32. Poor mountainous
land, through dense undergrowth and
scattering cedars and pines.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.07 Intersect N. 2nd S. line 3 lks. N. of cor.
to secs 28, 29, 32nd and 33, thence I run
S. $89^{\circ}51'W$ on a true line bet.
secs. 29th and 32.
- 40.04 Set a line stone $24 \times 10 \times 6$ in. in
a md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face. No trees
too impracticable
- 55.05 Road bears N. W. and S. E.
- 80.07 Cor. to secs. 29, 30, 31th and 32.
Mountainous land 80.07 chs.
Dense undergrowth 80.07 chs.
Scattering cedars & pines.
Soil 4th rate.

S. $89^{\circ} 50' W.$ on a random line

Let. recs. 30. ^{and} 31.

Over rough, rocky land, through dense undergrowth ^{and} scattering cedars & piñons.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect W. Edg. Sp. 28 lke. S. of cor. to recs. 25, 30, 31 ^{and} 36,

thence I run

S. $89^{\circ} 58' E.$ on a true line let. recs. 30 ^{and} 31.

39.70 Set a line stone $18 \times 8 \times 6$ inc. 10 inc. in ground for $\frac{1}{4}$ sec. cor. Marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ inc. E. ^{and} W. of stone 3 ft. dist. raised a rnd. of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

79.70 Cor. to recs. 29, 30, 31 ^{and} 32.

Land rough & rocky, soil 4th rate.

Dense undergrowth 79.90 che.

Scattering cedars ^{and} piñons.

N. 0° ³ Off W. bet. sec. 29. and 30.

Over mountainous land, through dense brush and scattering cedars and piñons, descending.

22.32 Old road bears N.W. and S.E.

40.00 Set a lime stone 16X14X12 ins. 10 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, from which a piñon 14 ins. diam. bears N. $88^{\circ} 15' E$. 15 lks. dist. Marked $\frac{1}{4}$ S. 29 B. A.

A cedar 18 ins. diam. bears N. $89^{\circ} W$. 192 lks. dist.

Marked $\frac{1}{4}$ S. 30 B. A.

50.00 Edge of bluff of cañon bears N.W. and S.E., descend.

55.90 Bottom of cañon, course N.W.,

trail bears N.W. ^{2d} S.E. ascend.

62.00 Top of bluff of cañon bears N.W. ^{and} S.E., continue to ascend.

72.20 Gulch, course from N.E. to W.

80.00 Set a lime stone 28x16x8 ins.
15 ins. in ground for cor. to secs.
19, 20, 29 ^{and} 30, marked with two
notches on S. and 5 notches on
E. edges, from which

A piñon 8. inc. diam. bears
N. 25° 45' E. 94 lks. dist, marked
A. 31 N. R. 120, S. 20 B. A

A piñon 8 inc. diam. bears
N. 23° 05' W. 133 lks. dist, marked
A. 31 N. R. 120, S. 19 B. A

A piñon 6 inc. diam. bears
S. 70° E. 213 lks. dist. marked
A. 31 N. R. 120, S. 29 B. A

A piñon 6 inc. diam. bears
S. 44° W., 208 lks. dist.

84

BOOK 1112

marked N. 31 N. P. 120, S. 30 T. 3 A.

Mountainous land 80 che.

Dense undergrowth 80 che.

Scattering cedars & pinons.

Soil 4th rate.

Nov. 11. - 1900.

Nov. 12.: at 8^h 0^m A. M. l. m. t.
I set off $17^{\circ} 38' E.$ on the decl. arc;
 $36^{\circ} 02' N.$ on the lat. arc; and determined
a true meridian with the solar
at the cor. to recs. 19. 20. 29th and 30.
thence I run

N. $89^{\circ} 51' E.$ on a random line

Set. sec. 20. and 29. Over
mountainous land, through dense
undergrowth & timber, ascending.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect N. and S. line 3 lks. S. of cor.
to sec. 20, 21, 28 and 29, thence run
S. $89^{\circ} 50' W.$ on a true line Set.
sec. 20. and 29.

10.00 Leave dense timber, descend.

17.40 Road bears N. and S. bottom of cañon
course S. ascend,

30.00 Top of slope of cañon, enter dense timber.

39.96 Set a line stone $18 \times 12 \times 12$ inc.
in a md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, from which
A piñon 12 inc. diam. bears
N. $61^{\circ} 25' E.$ 106 lks. dist.
marked $\frac{1}{4}$ S. 20 T. C.?

A cedar 12 inc. diam. bears
S. $29^{\circ} 20' W.$ 64 lks. dist.

Marked $\frac{1}{4}$ S. 29 B. S.

79.92 Cor. to sec. 19, 20, 29^{and} 30.

Mountainous land 79.92 che.

Dense cedars & piñons 59.92 che.

Dense undergrowth. 79.92 che.

N. $89^{\circ}58'$ W. on a random line

bet. sec. 19^{and} 30.

Over mountainous land, through dense undergrowth^{and} scattering cedars & piñons.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.71 Intersect W. Edg. Sp. 16 che, N. of cor. to sec. 19, 24, 25^{and} 30.

thence I run N. $89^{\circ}55'$ E. on a true line bet. sec. 19^{and} 30.

through dense timber^{and} brush.

- 19.40 Edge of bluff of cañon bears N. and S.
descends abruptly.
- 21.30 Bottom of main side cañon
course N. at 8 chs. turns W.
- 29.60 Bottom of cañon, course S. W.
ascend abruptly.
- 31.50 Top of bluff, bears S. W. and N. E.
- 39.71 Set a lime stone 16x14x6 ins. in
a md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, from which
A piñon 14 ins. diam. bears
N. $63^{\circ}10'$ E. 47 lks. dist. marked
 $\frac{1}{4}$ S. 19 B. I.
- A piñon 16 ins. diam. bears
S. $73^{\circ}40'$ W. 86 lks. dist.
marked $\frac{1}{4}$ S. 30 B. I.
- 69.00 Leave dense timber.
- 72.54 Road bears N. and S.
- 75.68 Trail bears N. and S.
- 79.71 Cor. to sec. 19, 20, 29 and 30.

Mountainous land 79.71 che.
 Dense cedars & piñons 69 che.
 Dense undergrowth 79.71 che.
 Soil 4th rate.

3
 N. 0° 04' W. bet. secs. 19^{and} 20.

Over mountainous land, through
 dense undergrowth.

- 3.00 Enter dense cedars^{and} piñons.
 37.00 Edge of bluff of cañon, descend abruptly.
 38.30 Bottom of cañon 150 ft. deep, course W, ascend.
 40.00 Set a lime stone 24x16x12 in.
 in mid. of stone for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on W. face, from which
 A piñon 12 in. diam. bears
 N. 76° 35' W. 24 lbs. dist.

Marked $\frac{1}{4}$ S. 19 B. S.

A cedar 12 inc. diam. bears S.
60° 30' E. 23 lks. dist.

Marked $\frac{1}{4}$ S. 20 B. S.

40.60 Top of bluff of cañon bears E. $\frac{2}{3}$ W.

47.90 Edge of " " " " N. W. and
S. E. descend abruptly.

51.50 Bottom of cañon, course N. W. ascend.

58.00 Top of bluff, N. side cañon, bears
E. and W.

60.00 Leave dense timber.

80.00 Set a line stone 28x12x5 inc.
in mid. of stone for cor. to sec.
17, 18, 19 and 20, marked with
3 notches on S. & 5 notches on E.
edges. no trees in vicinity
Mtn. imp. Mt. land 80 che.

Dense cedars & piñons 60 che.

Dense undergrowth 80 che.

Soil 4th rate.

Nov. 12. - 1900.

Nov. 13: At 8^h 0^m A.M. l. m. t.
 Set off 17° 55' S. on the decl. arc;
 36° 03' N. on the lat. arc; and determine
 a true meridian with the solar
 at the cor. to secs. 17, 18, 19 and 20,
 thence I run

N. 89° 50' E. on a random line
 bet. secs. 17 and 20.

Over mountainous land, thro'
 dense brush and scattering timber.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 4 lks. N.
 of cor. to secs. 16, 17, 20 and 21.

thence I run S. 89° 53' W. on
 a true line bet. secs. 17 and 20.

4.00 Descend to gulch.

- 11.60 Bottom of gulch, course S.W. ascend.
- 20.00 Top of bank of gulch.
- 40.00 Set line stone 24x16x6 in. in
 md. of stone for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face, from which
 a cedar 10 in. diam. bears
 S. $11^{\circ} 35' E.$ 78 lks. dist.
 marked $\frac{1}{4}$ S. 20 B. $\frac{1}{4}$
 C^o impract no other trees
- 62.45 Mogui trail bears N. $80^{\circ} W.$ and
 S. $80^{\circ} E.$
- 80.00 Cor. to secs. 17, 18, 19, and 20.
 Mountainous land 80 che.
 Dense undergrowth 80 che.
 Scattering cedars & piñons.
 Soil 4th rate.

S. $89^{\circ}55'W.$ on a random line
bet. sec. 18 and 19.

Over mountainous land, through
dense undergrowth & scattering timber.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.70 Intersect W. ldy. Sp. 9 lks. N. of
cor. to sec. 13, 18, 19 and 24.

thence I run N. $89^{\circ}51'E.$ on
a true line bet. sec. 18 and 19,
through dense brush.

35.00 Enter dense cedars & piñons.

39.70 Set a line stone $18 \times 16 \times 6$ ins.
in a md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, from which
a cedar 14 ins. diam. bears
N. $13^{\circ}30'W.$ 109 lks. dist.
marked $\frac{1}{4}$ S. 18 B. \nearrow

A piñon 6 ins. diam. bears
S. $45^{\circ}10'W.$ 26 lks. dist.
marked $\frac{1}{4}$ S. 19 B. \nearrow

- 48.00 Leave dense timber,
 50.20 Edge of bluff of cañon bears
 N. and S. descend.
 53.00 Road bears N. and S. bottom of
 cañon course S. ascend.
 59.70 Top of bluff bears N. and S.
 79.70 Cov. to secs. 17, 18, 19^{and} 20.
 Mountainous land 79.70 che.
 Dense cedars & piñons 13 che.
 Dense undergrowth 79.70 che.
 Soil 4th rate.

N. $0^{\circ} 03' W$. bet. secs. 17 & 18.

Over mountainous land, through
 dense undergrowth.

- 6.62 Moqui trail bears E. and W.
 14.00 Descent to cañon.
 17.50 Bottom of cañon, course S.W. ascend.

- 23.00 Top of bluff, bears N.E. and S.W.
- 39.80 Edge of bluff bears E. and W. descend.
- 40.00 Set a lime stone 24x14x12 inc.
in md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face, from which
A piñon 4 ins. diam. bears N.
 $23^{\circ} 40' W.$ 30 lbs. dist.
marked $\frac{1}{4} S. 18 B. S.$
- A piñon 4 ins. diam. bears
N. $83^{\circ} 30' E.$ 21 lbs. dist.
marked $\frac{1}{4} S. 17 B. S.$
- 45.10 Bottom of cañon, course S.W.
ascend.
- 46.50 Top of bluff N. side bears S.W. and N.E.
- 80.00 Set a lime stone 24x18x8 inc.
in a md. of stone for cor. to
secs. 7, 8, 17 and 18. marked with
4 notches on S. and 5 notches on
E. edges, from which
A piñon 6 ins. diam. bears

N. $83^{\circ} 05' W$. 108 lks. dist.

Marked $\overset{A}{\curvearrowright}$ 31 N, R. 12 W, S. 7 B. $\overset{A}{\curvearrowright}$

A piñon 8 ins. diam. bears N.

$52^{\circ} 15' E$. 174 lks. dist.

marked $\overset{A}{\curvearrowright}$ 31 N, R. 12 W, S. 8, B. $\overset{A}{\curvearrowright}$
 E. to ~~impract~~, no other near
 Mountainous land 80 chs.

Dense undergrowth 80 chs.

Soil 4th rate.

Nov. 13 - 1900.

Nov. 14: At 8^h 0^m A.M. L.M.T.,
 I set off $18^{\circ} 10' S$. on the decl.
 arc; $36^{\circ} 04' N$. on the lat. arc; and
 determine a true meridian
 with the solar at the cor. to sec. 7,
 8, 17th & 18, thence I run

N. $89^{\circ} 52' E$. on a random line
bet. sec. 8 and 17.

Over rough, rocky land, thro' scattering
cedars & piñons and dense undergrowth.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.07 Intersect N. and S. line 3 lks. N. of
cor. to sec. 8, 9, 16 and 17, thence run
S. $89^{\circ} 53' W$. on a true line bet.
sec. 8 and 17.

40.03 Set a line stone $18 \times 10 \times 8$ in.
in a md. of stone for $\frac{1}{4}$ sec. cor.

No trees at corner
marked $\frac{1}{4}$ on N. face. (to be replaced)

4500

80.07 Cor. to sec. 7, 8, 17 and 18.

Land rough & rocky, soil 4th rate.
Dense undergrowth, 80.07 on
Scattering cedars & piñons.

S. $89^{\circ} 51' W.$ on a random line

Set. secs. 7th and 18.

Through dense undergrowth and scattering cedars & piñons, over mountainous land.

40.00 Set. temp. $\frac{1}{4}$ sec. cor.

79.76 Intersect W. Sdy. Sp. 4 lks. N. of cor. to secs. 7, 12, 13 & 18, thence I run

N. $89^{\circ} 49' E.$ on a true line Set. secs. 7th and 18.

39.76 Set a line stone $24 \times 12 \times 6$ ins. in a md. of stone for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which a piñon 12 ins. diam. bears S. $29^{\circ} 40' E.$ 80 lks. dist.

Marked $\frac{1}{4}$ S. 18 T. S.

A piñon 6 ins. diam. bears N. $19^{\circ} 20' E.$ 16 lks. dist.

Marked $\frac{1}{4}$ S. 7 T. S.

- 60.75 Edge of bluff of cañon, descend abruptly.
- 62.25 Bottom of cañon 200 ft. deep,
and road crosses N + S.
course S.W., ascend.
- 64.75 Top of bluff, leave S.W. and N.E.
- 75.00 Leave dense cedars & piñons.
- 79.76 Cor. to secs. 7, 8, 17 and 18.
Land mountainous 80 chs. Soil 4th rate.
Dense cedars & piñons 75 chs.
Dense undergrowth 79.76 chs.
-

N. 0° Off W. bet. secs. 7 and 8.

Over mountainous land, through
dense undergrowth and scattering
cedars & piñons.

- 18.00 Descend to rocky gulch.
- 21.65 Bottom of gulch, course N.W. ascend.
- 26.00 Top of bank of gulch.

- 40.00 Set a line stone 22x12x12 ins.
in mid. of stone for $\frac{1}{4}$ sec. cor.
Marked $\frac{1}{4}$ on W. face, from which
A piñon 6 ins. diam. bears
S. 20° 20' W. 69 lks. dist.
Marked $\frac{1}{4}$ S. 7 B. A
A cedar branch 6 ins. diam. bears
S. 6° E. 49 lks. dist.
Marked $\frac{1}{4}$ S. 8 B. A
Head of gulch, course S. W.
- 80.00 Set a line stone 20x12x6 ins.
14 ins. in ground for cor. to secs.
5, 6, 7^{and} 8, marked with 5
notches on S. ^{and} 5 notches on E.
edges, from which
A piñon 6 ins. diam. bears
N. 12° 05' W. 74 lks. dist.
Marked A. 31 N. R. 1 W. S. 6 B. A
A cedar 4 ins. diam. bears
S. 73° 50' W. 44 lks. dist.

Marked $\text{N. } 31^{\circ} \text{N. R. } 12 \text{ W. S. } 7 \text{ B. } \text{N.}$

A piñon 6 in. diam. bears
 $\text{S. } 30^{\circ} 05' \text{ E. } 105 \text{ lks. dist.}$

Marked $\text{N. } 31^{\circ} \text{N. R. } 12 \text{ W. S. } 8 \text{ B. } \text{N.}$

A piñon 6 in. diam. bears
 $\text{N. } 85^{\circ} \text{ E. } 122 \text{ lks. dist.}$

Marked $\text{N. } 31^{\circ} \text{N. R. } 12 \text{ W. S. } 5 \text{ B. } \text{N.}$

Mountainous land 80 chs.
 Dense undergrowth 80 chs.
 Scattering cedars & piñons.
 Soil 4th rate.

Nov. 14. - 1900.

Nov. 15: at 8^h 0^m A.M. l.m.t.
 I set off $18^{\circ} 25' \text{ S.}$ on the decl.
 arc; $36^{\circ} 05' \text{ N.}$ on the lat. arc;
 and determine a true meridian

with the solar at the cor. to sec.
5, 6, 7th & 8, thence I run

N. $89^{\circ} 53' E$. on a random line
bet. sec. 5, 7th & 8.

Through dense cedars & piñons
and dense undergrowth.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N.th & S. line 12 lks.

N. of cor. to sec. 4, 5, 8, and 9,
thence I run

S. $89^{\circ} 58' W$. on a true line
bet. sec. 5th & 8.

40.00 Set a line stone 18X10X4 ins.
in a md. of stone for $\frac{1}{4}$ sec.

cor. marked $\frac{1}{4}$ on N. face, from which
A piñon 12 ins. diam. bears
S. $14^{\circ} E$. 117 lks. dist.

Marked $\frac{1}{4}$ S. 8 B. S.

A cedar 10 ins. diam. bears
 N. $11^{\circ}05'$ W. 75 lks. dist.
 marked $\frac{1}{4}$ S. 5 B. S.

80.00 Cor. to sec. 5, 6, 7th & 8.

Land rough & rocky, soil 4th rate.
 Dense cedars & pinons 80 chs.
 Dense undergrowth 80 chs.

S. $89^{\circ}49'$ W. on a random line
 bet. sec. 6th & 7.

Through dense cedars & pinons
 and dense undergrowth.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect W. Ldy. Sp. 7 lks. S.
 of cor. to sec. 1, 6, 7th & 12.
 thence I run
 N. $89^{\circ}52'$ E. on a true line

Set. sec. 6 and 7.

8.28 Road bears N. and S.

39.78 Set a line stone 16X12X12 ins.
in a md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, from which
A piñon branch 6 ins. diam. bears
North 35 lks. dist.

Marked $\frac{1}{4}$ S. 6 B. A.

A piñon 8 ins. diam. bears
S. $8^{\circ}05'E$. 60 lks. dist.

Marked $\frac{1}{4}$ S. 7 B. A.

79.78 Cor. to sec. 5, 6, 7 and 8.

Land rough & rocky, soil 4th rate.

Dense cedars & piñons 79.78 che.

Dense undergrowth 79.78 che.

N. $0^{\circ} 03' W.$ on a random line
bet. secs. 5^{and} 6.

Through dense timber^{and} brush.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.01 Intersect N. Ldy. Twp. 16 lke. E.
of cor. to secs. 5, 6, 31^{and} 32,
thence I run

S. $0^{\circ} 11' E.$ on a true line bet.
secs. 5^{and} 6.

40.01 Set a line stone $20 \times 10 \times 4$ ins.
in a md. of stone for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face, from which
a piñon 6 inc. diam. bears
N. $35^{\circ} 50' W.$ 47 lke. dist.
Marked $\frac{1}{4}$ S. 6 B. \uparrow

A cedar 14 inc. diam. bears
S. $71^{\circ} 20' E.$ 39 lke. dist.
Marked $\frac{1}{4}$ S. 5 B. \uparrow

80.01 Cor. to secs. 5, 6, 7^{and} 8.

Land rough & rocky, soil 4th rate.

Dense cedars & piñons 80.01 ch.

Dense undergrowth 80.01 ch.

Nov. 15. - 1900.

General Description

This township is generally very rough, and mountainous, being ~~badly~~ cut by deep, rocky gulches and Cañons.

The soil is generally rocky and covered with a dense growth of black sage and what is locally known as buck brush.

This brush grows from six to fifteen feet high, but so far as I am able to discern, is of value only for firewood.

The timber in this township consists of Fir and Cedar, which in places is very dense.

There is no living water in this township neither are there any settlers.

A P P R O V A L.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

Mar 1, 1901.

The foregoing field notes of the survey of The Subs. of F. H. K. R.

1st W. Line and East River Mer.

executed by H. Oscar Secor

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.