

I. BOOK 1111

BOOK 1111

subdivisions

*map of land*

T. 31 N R. 1 W

BOOK 1111

secor.

1111

4-671

**FIELD NOTES**  
**GENERAL LAND OFFICE.**

No. 1111

Field Notes

of the survey of the  
Subdivision Lines

of  
Township No. 31. N. R. 1. W.

of the  
Gila and Salt River Basal and Meridian  
in the

Territory of Arizona  
as surveyed by

W. Oscar Secon

U.S. Deputy Surveyor  
Under his Contract No. 77.

Dated June 13 1900

Survey commenced Oct 26-1900

Survey completed Nov. 15-1900

## Township 31. N. Range 1. W.

Oct. 26<sup>th</sup> 1900 at 8.5.00 p. A.M.

1. m. t. I set off  $12^{\circ} 23' 5''$  on the decl. arc;  $36^{\circ} 00' N.$  on the lat. arc and determine a true meridian with the Solar at the Cor to Secs. 35 and 36 on the S. boundary.

Thence I run

$N_{0^{\circ} 01' N}$  bet. Secs 35 and 36

through dense undergrowth and scattering Pinons and cedars

40. Set Lime Stone  $16 \times 14 \times 4$  ins. in mound of stone for  $\frac{1}{4}$  Sec. cor marked  $\frac{1}{4}$  on W. face from which a Pinon 12 ins diam bears  $S 22^{\circ} 30' E.$  122 links dist<sup>y</sup> marked  $\frac{1}{4} S 36 B. T.$

71. Enter dense Cedar and Pinons

80. Set Lime Stone  $24 \times 16 \times 8$  ins. in mound of stone for corner to Sections 25, 26, 35 and 36 marked

with 1 notch on S and 1 notch on  
Edges from which

A Pinon 14 ins. diam bears N  $36^{\circ} 40' E$ . 80 links  
distant. Marked T31NR1W S 25 B.T.

A Pinon 8 ins. diam. bears N  $64^{\circ} 10' W$ . 65 links. dist  
Marked T31.N.R.1.W. S. 26. B.T.

A cedar 6 ins. diam. bears S  $53^{\circ} 10' E$ . 62 links  
dist. marked T31NR1W S 36 B.T.

A Pinon 8 ins. diam. bears S  $89^{\circ} W$  76 links.  
dist marked T31NR1W S 35 B.T.

Land rough and rocky. Soil 4<sup>th</sup> rate  
Dense undergrowth 80 chains  
Dense Cedars & Pinons 9 chains

N  $89^{\circ} 50' E$ . on a random line bet  
Secs 25 and 36

40. Det temporary  $\frac{1}{4}$  sec corner

79.94 Intersect E. ldy of Trp. 23 links. N. of cor.  
to Secs. 25, 30, 31 & 36 which is a line

Stone set and marked as described  
by the Surveyor General  
Thence I run

N 89° 57' N on a true line bet Sec 25 & 36

1.10 Road bears S 15° E + N 15° W

6.00 Enter dense cedar + Pinon

19.8 Mogui trail bears NW + SE

39.97 Set a Lime Stone 20 x 10 x 6 ins. in

mound of stone for 1/4 Sec cor marked  
1/4 on N. face from which

a Pinon 10 ins diam bears N 34° E 54/100  
distant marked 1/4 S 25 B.T.

A Cedar 12 ins diam bears S 23° W 18/100  
distant. Marked 1/4 S 25 B.T.

79.94 Cor to Secs 25, 26, 35 + 36

Land rolling. Soil 4<sup>th</sup> rate

Dense Cedars + Pinons 74 chains

Dense undergrowth <sup>79.94</sup> 80 chains

No. 0111. between Secs. 25 and 26  
through dense cedar and pines and  
dense undergrowth over rough, rocky  
ground

40. Set Line Stone  $20 \times 16 \times 12$  ins in mound of  
Stone for  $\frac{1}{4}$  Sec. or marked  $\frac{1}{4}$  on N. face  
from which

A Pinon 12 ins. diam bears  $N 82^{\circ} 25' W. 102$  lks  
distant marked  $\frac{1}{4} 5 26 B.T.$

A Pinon 8 ins diam bears  $N 60 E. 102$  lks  
distant marked  $\frac{1}{4} 5 25 B.T.$

49. Leave dense Cedar + Pines

58.48 Magui trail bears  $NW + SE.$  ascend  
low ridge

59.70 Road bears  $NW + SE.$

64. Top of ridge bears  $NW + SE.$  descend

72. Bottom of ravine Course  $N$  ascend

80. Set Line Stone  $26 \times 12 \times 8$  ins. in mound  
of Stone for  $\frac{1}{4}$  Sec. of  $\frac{1}{4} 23. 24. 25 + 26.$

Marked with 1 notch on E and 2

notches on S. edge  
~~Cuto supra~~ No Tules  
 Land rough and rocky

Dense undergrowth 80 chains

Dense Cedars + Pines 49 chains.

Soil rocky and 4<sup>th</sup> rate. Oct 26<sup>th</sup> 1900

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Oct. 27<sup>th</sup> 1900 at 8.45 a.m. A.M. 1.0 p.m. I  
 set off  $36^{\circ}02'N$  on the Lat. arc and  
 $12^{\circ}44'S$  on the Dec arc and determine  
 a true meridian with the Solar at  
 the Cor to Secs. 22. 24. 25 + 26

Thence I run  $589^{\circ}57'E$  on a random  
 line bet Secs 24 + 25 over rough  
 rocky ground through dense under-  
 growth and scattering cedars + pines

40. Set temporary  $\frac{1}{4}$  Sec corner

79.90 Intersect E bdy of Tp. 31 Ns. S of  
 Cor to Secs 19. 24. 25 + 30 which

is a limestone marked and witnessed as  
desc. by the Surveyor General

Thence I run  $589^{\circ}58'N$  on a true line  
bet Decs 24 + 25

39.95 Set a Line Stone  $16 \times 8 \times 10$  ins. in mound  
of Stone for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$  on N  
face from which

A Pinon 10 ins diam bears  $N48^{\circ}50'N.17$   
1/ks distant marked  $\frac{1}{4}S 24 B.T.$

A Pinon 8 ins diam bears  $56^{\circ}N 35$  1/ks  
dist marked  $\frac{1}{4}S 25 B.T.$

51. Begin to descend

67.50 Edge of Bluff of Gulch, descend  
abruptly

70.50 Bottom of Gulch, 50 feet deep.  
Course S. ascend

72. Top of Bluff W. side

79.90 Cor. to Decs 23, 24, 25 + 26.

Land rough & rocky. Soil 4<sup>th</sup> rate

Dense undergrowth 80 chs. Scattering Pinos + Cedars



No° of N. bet. Decs 23 + 24

Ascending through dense undergrowth  
and scattering Cedars + Pinons over  
rough rocky ground

40. Top of rocky ridge Course E + W  
Set a Lime Stone  $18 \times 12 \times 8$  ins. in a mound  
of Stone 3 feet high for  $\frac{1}{4}$  Dec. cor. marked  
 $\frac{1}{4}$  on N face. Pits imprat to Dec.  
line limits
50. Cedars + Pinons become dense. Descend
64. Bottom of Rocky gulch Course N. Ascend
69. Top of bluff N side. Continue to Ascend
80. Set Lime Stone  $20 \times 8 \times 6$  ins. in mound  
of Stone for cor to Decs. 13. 14. 23 + 24  
marked with 3 notches on S edge  
and 1 Notch on E edge from which  
a Pinon 6 ins diam bears  $S 60^{\circ} 30' E$ , 88/ks  
dist marked T. 31, N. R. 1, N. S. 24, B. T.  
A Pinon 6 ins diam bears  $N. 74^{\circ} E$ , 178/ks  
dist marked T. 31, N. R. 1, N. S. 13, B. T.  
A Pinon 12 ins diam bears  $S 45^{\circ} 40' N$

151 lks. dist marked T31NR1N523 B.T.

A. Pinon 8 1/2 diam. bears N 88° 20' W, 125 lks. dist  
Marked T31NR1N514 B.T.

Land rough + rocky soil 4<sup>th</sup> rate

Dense Cedars + Pinons 30 chains

Dense undergrowth 80 chains

N 89° 58' E bet Secs 13 + 24 on  
a random line

Through dense undergrowth and  
Dattering cedar + Pinons

40. Set temporary 1/4 sec corner  
79.93 Intersects E. bdy of Sp. 15 lks. N. of  
corner to Secs 13, 18, 19 + 24 which  
is a line stone marked and  
witnessed as described by the  
Surveyor General, thence I run  
N 89° 56' W on a true line bet.

Decs 13 + 24

39.96 Set a Line Stone  $18 \times 10 \times 10$  ins. in  
a mound of Stone for  $\frac{1}{4}$  sec. cor  
marked  $\frac{1}{4}$  on N face from which  
a Pinon 6 in. diam bears  $N 21^{\circ} W$   
 $92$  lks distant marked  $\frac{1}{4} 5 13 B.T.$   
no others within distance.

79.93 The car Decs. 13. 14. 23 + 24

Land rough + rocky. Soil 4<sup>th</sup> rate  
Dense undergrowth 79.93 chains  
Scattering Cedar + Pinon

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$N 0^{\circ} 01' W$  between Decs 13 + 14

Over rough rocky ground + through  
dense undergrowth + scattering  
Cedar + Pinon

40 Set a Line Stone  $18 \times 12 \times 4$  ins. in  
mound of stone for  $\frac{1}{4}$  sec car  
marked  $\frac{1}{4}$  on N face from which

a Pinon 6 1/2 ins. diameter bears  $N 59^{\circ} 25' E$

42 lbs dist. Marked 14 S, 13 BT

A Cedar 12 ins diam bears  $S 87^{\circ} 26' W$  58 lbs dist. Marked 1/2 S 14 BT

46. Cedars and Pinons become dense

69.86 Trail bears  $NW + SE$

80. Set a lime Stone  $16 \times 10 \times 8$  ins. in mound

of Stone for cor to Dec 11, 12, 13, & 14

marked with 1 notch on E. and

4 notches on S edges from which

A Cedar 18 ins in diam bears  $S 84^{\circ} 30' W$

184 lbs distant marked T, 31, N, R, 1, W, S, 14, B, T.

A Pinon 10 ins diam. bears  $S 47^{\circ} 30' E$  179

lbs dist. marked T, 31, N, R, 1, W, S, 13, B, T.

A cedar 4 ins diam bears  $N 34^{\circ} 40' W$  152 lbs dist

Marked T, 31, N, R, 1, W, S, 11, B, T

A Cedar 3 ins diam, bears  $N 79^{\circ} 15' E$  108 lbs dist

Marked T, 31, N, R, 1, W, S, 12, B, T

Land rough and rocky

Trail  $\perp$  <sup>the</sup> rate, Deer, Hudsworth 80 lbs

Deer Cedars and Pinon 34 lbs

Oct 27 - 1900

Oct 28; at 8<sup>th</sup> or 9<sup>th</sup> AM. I met I see off  $36^{\circ} 04' N$   
 on the lat. arc;  $13^{\circ} 04' 50''$  on the decl. arc; and  
 determine a true meridian with the solar  
 at the Cor to sec 11, 12, 13 and 14

Thence I run

$S 89^{\circ} 56' E$  on a random line bet sec  
 13 and 12, through dense Cedar & ~~Pines~~

40.00 Set temp ~~1/4~~ sec Cor

29.90 Interest. E. bdy. Tp. at Cor to sec 7  
 12, 13, and 18, which is a lime stone  
 marked and intressed as described  
 by the Surveyor General

Thence I run:

$N. 89^{\circ} 56' W$  on a true line bet sec 12 and 13

39.95 Set a lime stone  $18 \times 12 \times 6$  ins. in a ~~700~~  
 of stone for  $1/4$  sec. cor. marked  $1/2$  on N  
 face, from which:

A. Cedar 8 ins diam bear.  $N. 10^{\circ} E 22$  lbs dist

Marked  $1/4 S. 12. B.T$

A Cedar 24 ins diam, bear  $S 89^{\circ} 30' N 13$  lbs dist

Marked  $1/4$  S. 13. BT

8.70 Road bears N. W. and S. E

79.90 Cor to sees 11, 12, 13, and 14

Land rough and rocky

Soil  $4^{\text{th}}$  rate

Dense cedars and ~~fir~~ 79.90 Chs

0.01 W

N. best sees 11 and 12

Over rough, rocky ground and  
through dense cedars and ~~fir~~ and  
dense undergrowth

9.00 Begin to descend to draw

15.26 Bottom of draw, course S.  $75^{\circ}$  W

road bears S.  $75^{\circ}$  W. and N.  $75^{\circ}$  E ascend

24.00 Top of ascent

40.00 Set a lime stone  $18 \times 10 \times 6$  ins in a

Mid of stone for  $1/4$  sec. Cor, marked

$1/4$  on south face, from which

A Cedar, 6 ins diam bears mark 10 lbs

disk, Marked  $\frac{1}{4}$ S. 11. B.T

A Cedar 14 ins diam bears N.  $28^{\circ}30'$  E

133 lbs disk Marked  $\frac{1}{4}$ S. 12 B.T.

80.00

Saw a lime stone  $24 \times 14 \times 6$  ins in a bed of stone for ex to see 1, 2, 11 and 12 marked with 5 notches on S. and 1 notch on E. edges from which

A. Cedar 6 ins diam bears N.  $30^{\circ}30'$  W

65 lbs disk, Marked T. 31. N. R. 1. W. S. 2. B.T

A. Fir 5 ins diam bears N.  $27^{\circ}30'$  E 58 lbs disk. Marked T. 31. N. R. 1. W. S. 1. B.T

A. Cedar 12 ins diam bears S  $33^{\circ}20'$  E

28 lbs disk. Marked T. 31. N. R. 1. W. S. 12. B.T

A Cedar 8 ins diam bears S.  $27^{\circ}30'$  W 17 lbs disk

Marked T. 31. N. R. 1. W. S. 11. B.T

Land rough and rocky. Soil  $\frac{1}{4}$  mts

Dense Cedars and Fir 80 chs

Dense Undergrowth 80 chs

S  $89^{\circ} 56' E$ . on a random line bet sees 1 and 12  
Through dense Cedars and *Fritex* and dense  
Undergrowth.

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

80.06 Intersect. E. bdy, Tp. 3 lks S of Cor to sees  
1, 6, 7, and 12, which is a line stone  
marked and intersected as described  
by the Survey of General. Hence I run  
N.  $89^{\circ} 57' W$ . on a true line bet sees 1 and 12  
Descending toward gulch.

4.00 Rocky gulch course. S

40.03 Set a lime stone  $16 \times 12 \times 4$  ins in mid of  
stone for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  on N face  
from which

A Cedar 6 ins diam bears N.  $42^{\circ} 6' W$   
28 lbs dist. Marked  $\frac{1}{4}$  S. 1. B.T

A *Fritex* 6 ins diam bears S.  $36^{\circ} 45' W$   
62 lbs dist Marked  $\frac{1}{4}$  S. 12. B.T

77.16 Road from Rows well to Sapsai  
bears N. W. and S. E



80.06

Cor to Secs 1, 2, 11 and 12

Land rough and rocky. Soil <sup>4<sup>th</sup> rate</sup>Dense Cedars and *Juniper* 80.06 chs

Dense undergrowth 80.06 chs

S. 01' W

St<sub>N</sub> on a random line bet Secs 1 and 2  
Through dense Cedars and *Juniper* and  
dense undergrowth.

40.00

Set a temp  $\frac{1}{4}$  sec Cor

79.97

Intersect N. bdy of Tp. 7 lks E of Cor  
to Secs 1, 2, 35 and 36. thence I run  
S. 0° 03' E. on a true line bet Secs 1 and 2

39.97

Set a lime stone 26 x 12 x 6 ins in a rd  
of stone for  $\frac{1}{4}$  sec. Cor marked  $\frac{1}{4}$  low W. face  
from which a *Juniper* 12 ins diam bears  
S 87° 26' E. 12 lbs disk marked  $\frac{1}{4}$  S. 1. B.T.  
A *Juniper* 12 ins diam bears S 58° 50' W. 22  
lbs disk. Marked  $\frac{1}{4}$  S. 2. B.T.

79.97 Cor to secs. 1, 2, 11, and 12

Land rough and rocky Soil. 2<sup>nd</sup> rate

Dense Junos and Cedars 79.97 chs

Dense undergrowth 79.97 chs

Oct 28-1900

Oct 24: at 8<sup>th</sup> 00<sup>th</sup> AM. I met I set off 36° 0' N  
on the lat. arc: 13° 24' S. on the decl. arc:

And determine a true meridian with the solar  
at the cor to secs 23, 34 and 35 on the S. side.

Thence I run:

N 0° 1' W. bet secs 34 and 35

Over mountainous land and through  
dense undergrowth and scattering Junos & Cedars

40.00 Set a lime stone 18x10x10 ins. in a bed  
of stone for 1/2 sec cor, marked 1/2 on W  
face from which

A Junos 8 ins diam bears N 25° W 15' E

Disk. Marked  $\frac{1}{4}$  S. 34, T. 31

A. Cedar Line diam bears, N.  $65^{\circ}$ ,  $40'$  E

33. Lutes disk. Marked  $\frac{1}{4}$  S. 35, T. 31.

80.00

Set a lime stone  $18 \times 12 \times 10$  in. in a  
 Mid of stone for cor to secs 26, 27, 34  
 and 35. Marked with 1 notch on S and  
 2 notches on E. edges. *Pit impract.*  
 no trees in vicinity  
 Mountainous land 80 chs  
 Dense undergrowth 80 chs  
 Scattering Cedars and *Ferns*  
 Soil  $\perp$  the rate

N.  $89^{\circ}$ ,  $50'$  E. on a random line but

Secs 26. and 35 over rough rocky ground

Through dense undergrowth and scattering

Cedars and *Ferns*

40.00

Set trap  $\frac{1}{4}$  sec cor

80.11

Intersect N. and S line 7 chs. N. of cor to

Secs 25, 26, 35 and 36. these I run  
 $58^{\circ}53'W$  on a true line bet Secs  
 26 + 35

40.05 Set a lime stone  $18 \times 12 \times 6$  ins. in a  
 mound of stone for  $\frac{1}{4}$  sec cor marked  
 $\frac{1}{4}$  on N face, no trees in limits.  
~~Pts unpracticable~~  
 80.11 Cor to Secs 26, 27, 34 + 35

Land rough and rocky. Soil 4<sup>th</sup>  
 rate

Dense undergrowth 80.11 chains  
 Scattering Cedars + Pinons

$N0^{\circ}01'W$  bet Secs 26 and 27  
 Over rough rocky land, through  
 dense undergrowth and scattering  
 and scattering Cedars and Pinons

40.00 Set a Lime stone  $18 \times 12 \times 6$  ins. in  
 a mound of stone for  $\frac{1}{4}$  sec.

Cor. marked  $\frac{1}{4}$  on N. face  
from which

A Pinon 8 1/2 in diam bears  $S 18^{\circ}$   
 $30' N$  67 links dist marked  
 $\frac{1}{4}$  S 27 B.T. *Pit. imperfect.*

57.00 Descend to Deep Draw

67.00 Center of draw and road bearing  
E + N. Ascend

76.00 Top of ascent descend

80.00 Set Line Stone  $24 \times 14 \times 4$  in mound  
of Stone for cor to Secs 22, 23, 26  
and 27 marked with 2 notches  
on S and 2 notches on E edges  
from which

A Pinon tree 8 1/2 in diam. bears  
 $S 18^{\circ} 40' E$  200 links dist marked  
T31NR1W S26 B.T.

A Pinon 8 1/2 in diam bears  $N 89^{\circ} E$   
148 links dist marked T31NR1W S23 B.T.

No other trees within required distance

Pits impracticable

Land rough and rocky

Soil 4<sup>th</sup> rate

Dense undergrowth 80 chains

Scattering Cedars and Pinons

Oct 29<sup>th</sup> 1900.

Oct 30<sup>th</sup> 1900 at 8h. 00m. AM.  
 1. m. t. I set off  $36^{\circ}02'N$  on the  
 lat arc,  $13^{\circ}43'S$  on the decl.  
 arc and determine a true mer-  
 idian with the solar at the  
 car to Secs 22. 23. 26 and 27  
 Thence I run  $N 89^{\circ}53'E$  on a  
 random line bet Secs 23 and 26  
 over rough rocky land through  
 dense undergrowth and scattering  
 Cedars and Pinons

40.00 Set temp 1/4 sec car

80.07 Intersect N + S line 14 links

N of car to Secs 23, 24, 25 and 26  
thence I run  $58^{\circ}59'N$  on a true  
line bet Secs 23 and 26 through  
dense cedars and pines

✓ 40.03 Set a lime stone  $15 \times 12 \times 8$  ins in  
a mound of stone for  $\frac{1}{4}$  sec car  
marked  $\frac{1}{4}$  on N face from which  
A Pinon 12 ins diam bears  $N38^{\circ}10'W$   
84 links dist marked  $\frac{1}{4}S23$  B.T.

A Pinon 12 ins diam bears  $S8^{\circ}50'E$  42  
links dist. marked  $\frac{1}{4}S26$  B.T.

63.00 Leave dense cedars and pines

80.07 Car to Secs 22, 23, 26 and 27

Land rough and rocky. Soil 4<sup>th</sup> rate

Dense cedars and pines 63 cho

Dense undergrowth 80.07 cho

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- N0°01'W bet Secs 22 and 23  
 over rough rocky ground through  
 dense undergrowth. Ascending  
 9.00 Top of mesa bears NE+SW enter  
 dense cedars and pinons  
 21.50 Edge of bluff of mesa 200 feet  
 high bears NW+SE. Descend abruptly  
 leave dense timber  
 23.50 Foot of bluff. Ravine course NW  
 30.00 " " " N side Ascend  
 32.00 Top " " bears NW+SE  
 38.00 Edge " " 50 feet high bears NE+SW <sup>descent</sup>  
 38.50 Rocky gulch course SW Ascend  
 40.00 Top of bluff N. Side  
 Set a Line Stone 18x12x10 ins in mound  
 of Stone for 1/4 Sec Cor marked 1/4  
 on N face. Pits impract.  
 No trees in limits.  
 44.50 Enter dense cedars and Pinons  
 80.00 Set a Line Stone 18x12x6 ins in  
 mound of Stone for Cor to Secs



14, 15, 22 & 23 marked with 3  
notches on S and 2 notches on  
E edges from which

A Cedar 14 1/2 diam bears  $N 83^{\circ} 20' E$

17 links distant, marked T31NRIN 514 B.T.

A Cedar 14 1/2 diam bears  $S 83^{\circ} E$  18 links

dist. marked T, 31, N, R, IN 523 B.T.

A Pinon 10 1/2 diam bears  $N 78^{\circ} W$  12 1/2

links dist marked T31NRIN 515 B.T.

A Pinon 12 1/2 diam bears  $S 54^{\circ} 40' W$

36 links dist marked T31NRIN 522 B.T.

Land rough and rocky, soil 4<sup>th</sup> rate

Dense cedars and pinons 48 chs

Dense Under growth 80 chs

N.  $89^{\circ}59'$  E. on a random  
line bet. sec. 14 & 23.

Ascending through dense  
timber & brush.

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

80.03 Intersect N. & S. line 3 lks. S.  
of cor. to sec. 13, 14, 23 & 24,  
thence I run S  $89^{\circ}58'$  W. on  
a true line bet. sec. 14 & 23.

Descending.

30.19 Trail bears N.  $10^{\circ}$  W. <sup>4</sup>/<sub>8</sub> S.  $10^{\circ}$   
E. bottom of draw to S.  $10^{\circ}$  E.

40.01 Set a line stone 26x18x6 inc.  
in a rnd. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face, from  
which a piñon 6 inc. diam.  
bears N.  $77^{\circ}40'$  W. 126 lks.  
dist. marked  $\frac{1}{4}$  S. 14 B.C.?

A piñon 6 inc. diam. bears  
S.  $84^{\circ}45'$  W, 142 lks. dist.

marked '4 S, 23 B. I.

Ascend.

50.00 Top of high ascent, descend.

80.03 Cor. to secs. 14, 15, 22, & 23.

Land rough<sup>and</sup> rocky, soil  
4<sup>th</sup> rate,

Dense cedars & piñons 80.03 che.

Dense undergrowth 80.03 che.

Oct. 30 - 1900.

Oct. 31; at 9<sup>h</sup> 0<sup>m</sup> A.M. l.m.t.

Set off  $36^{\circ} 03' N.$  on the lat. arc;

$14^{\circ} 05' S.$  on decl. arc; and

determine a true meridian

with the solar at the cor. to

secs. 14, 15, 22<sup>and</sup> 23, thence

I run

N.  $0^{\circ} 1' W.$  Set. Secs. 14. and 15.

Over rough, rocky ground, thro  
dense timber and brush.

9.00 Descend to gulch.

ascend.

11.75 Bottom of gulch, course S.  $15^{\circ} W.$

13.20 Old road bears N.  $10^{\circ} E.$  and  
S.  $10^{\circ} W.$

40.00 Set a lime stone  $16 \times 10 \times 6$  ins.  
in a md. of stone for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on W. face, from  
which a piñon 12 ins. diam.  
bears S.  $58^{\circ} 35' W.$  133 lks. dist,  
marked  $\frac{1}{4}$  S. 15 B.  $\uparrow$

A cedar 6 ins. diam. bears S.  $66^{\circ}$   
E. 151 lks. dist, marked  $\frac{1}{4}$  S.  
14. B.  $\uparrow$

80.00 Set a lime stone  $20 \times 14 \times 4$  ins.

in a md. of stone for cor. to  
 secs. 10, 11, 14 + 15. marked with  
 4 notches on S. <sup>2d</sup> 2. notches on E.  
 edges, from which a cedar  
 8 inc. diam. bears N. 66° W. 134  
 lks. dist. marked S. 31 N, R. 12 W. S. 10 B. S.  
 A cedar 14 inc. diam. bears N. 48°  
 20' E. 102 lks. dist. marked  
 S. 31 N, R. 12 W. S. 11 B. S.  
 A piñon 8 inc. diam. bears  
 S. 55° 10' W. 104 lks. dist. marked  
 S. 31 N, R. 12 W. S. 15 B. S.

A piñon 10 inc. diam. bears  
 S. 70° 40' E. 118 lks. dist. marked  
 S. 31 N, R. 12 W. S. 14 B. S.  
 Land rough <sup>3d</sup> rocky, soil 4<sup>th</sup> rate.

Dense cedars<sup>and</sup> piñons 80 che.

Dense undergrowth 80 che.

N.  $89^{\circ}58'E$  on a random line  
bet. secs. 11. & 14. Over rocky  
ground & thro dense timber<sup>and</sup> brush.

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

80.20 The cor. to secs. 11, 12, 13. & 14,  
thence I run

S.  $89^{\circ}58'W$ . on a true line bet.  
secs. 11<sup>and</sup> 14. Through dense  
timber.

15.00 Leave dense cedars & piñons

19.00 Trail bears N. & S.

31.00 Road bears N. E. & S. W.

40.10 Set a line stone 16X14X8 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 N.  $72^{\circ}$  W. 12 $\frac{1}{2}$  lbs. dist. <sup>marked  $\frac{1}{4}$  S " 73.2</sup>  
 Cuto. ~~impract.~~ No ~~al~~ <sup>al</sup> ~~pep~~ <sup>pep</sup> ~~oils~~  
 47.80 Trail bears N. W. & S. E.  
 65.00 Enter dense piñons and cedars.  
 80.20 The cor. to secs. 10, 11, 14 and 15.  
 Land rough and rocky, soil 4<sup>th</sup> rate.  
 Dense cedars and piñons 30.20 che.  
 Dense undergrowth 80.20 che.

N.  $0^{\circ} 1'$  W. bet. secs. 10 & 11.

Through dense timber and brush.  
 6.00 Leave dense cedars and piñons  
 and proceed through dense  
 undergrowth and burnt cedars.

32.60 Trail bears E. 2<sup>nd</sup> W.

40.00 Set a line stone 16X10X6 ins.

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

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

Set a line stone 16X10X6 ins. in a md. of stone for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face.

70.00 Enter dense cedars 2<sup>nd</sup> piñons.

80.00 Set a line stone 16X12X10 ins.

in a md. of stone for cor. to

secs. 2, 3, 10 & 11 marked with

5 notches on S. 2<sup>nd</sup> & 2 notches

on E. edges from which

A piñon 10 ins. diam. bears

N. 83° E. 94 lks. dist. marked

S. 31 N. R. 1 W. S. 2. B. A

A piñon 8 ins. diam. bears S.

15° 30' W. 90 lks. dist. marked

S. 31 N. R. 1 W. S. 10 B. A

A cedar 6 ins. diam. bears S.

9° 30' E. 69 lks. dist. marked

S. 31 N. R. 1 W. S. 11 B. A

Land rocky, soil 4<sup>th</sup> rate.



Dense cedars<sup>and</sup> piñons 16 che.  
 Dense undergrowth 80 che

N.  $89^{\circ}58'E$  on a random line  
 bet. sec. 2. & 11. Thro. dense  
 timber<sup>and</sup> brush.

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

80.10 Intersect N. and S. line at the cor.  
 to sec. 1, 2, 11 and 12, thence run  
 S.  $89^{\circ}58'W$  on a true line  
 bet. sec. 2. and 11

40.05 Set a lime stone  $16 \times 12 \times 5$  inc.  
 in a md. of stone for  $\frac{1}{4}$  sec.  
 cov. marked  $\frac{1}{4}$  on N. face from  
 which a cedar vine diam.  
 bears N.  $55^{\circ}15'E$ . 23 lke. dist.

marked  $\frac{1}{4}$  S. 2. B.  $\nearrow$

A. cedar 12 inc. diam. bears S.

$4^{\circ}10'$  E. 13 lks. dist. marked

$\frac{1}{4}$  S. 11. B.  $\nearrow$

80.10 Cor. to sec. 2, 3, 10<sup>and</sup> 11,

Land rocky, soil 4<sup>th</sup> rate.

Dense cedars<sup>and</sup> piñons 80.10 che.

Dense undergrowth 80.10 che.

N.  $0^{\circ}01'$  W. bet. sec. 2, 3. on a  
random line. Through dense  
timber<sup>and</sup> brush.

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

79.94 Intersect N. Ldy. Sp. 7 lks. E.

of cor. to sec. 2, 3, 34<sup>and</sup> 35.

Thence I run S  $0^{\circ}04'$  E, on

- a true line bet. sec. 2 + 3.  
Thro dense cedars and piñons  
and dense undergrowth.
- 39.94 Set a lime stone 16X14X6 ins.  
in a md. of stone for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on W. face from which  
a piñon 8 ins. diam. bears N.  
 $35^{\circ}$  W. 23 lks. dist. marked  
 $\frac{1}{4}$  S. 3. B.S.
- A piñon 10 ins. diam. bears  
S.  $44^{\circ}$  E. 32 lks. dist. marked  
 $\frac{1}{4}$  S. 2. B.S.
- 70.00 Leave dense cedars and  
piñons and enter draw
- 72.00 Centre of draw course S.  $70^{\circ}$  W.
- 79.94 Cor. to sec. 2, 3, 10<sup>th</sup> & 11.  
Land rough<sup>ed</sup> rocky, soil 4<sup>th</sup> rate.  
Dense cedars<sup>ed</sup> piñons 70 che.  
Dense undergrowth 79.94 che.
- Oct. 31. 1900.

Nov. 5. At 8<sup>h</sup> 0<sup>m</sup> A.M. L.M.T.  
 Set off 36° 00' N. on the lat.  
 arc; 15° 38' S. on the decl. arc,  
 and determine a true meridian  
 with the solar at the cor. to  
 sec. 3, 4, 33 + 34 on the S. Solg.  
 thence I run

N. 0° 02' W. bet. sec. 33<sup>rd</sup> & 34,

Over mountainous land descending

4.00 Edge of bluff of cañon, bears N.

60° W. and S. 60° E. descend abruptly.

10.50 Bottom of cañon 400 ft. deep,

course N. 60° W., ascend abruptly.

15.00 Top of bluff N. side, proceed thro'  
 dense undergrowth<sup>rd</sup> burnt cedars.

- 40.00 Set a lime stone  $18 \times 8 \times 4$  inc. in  
a md. of stone for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on W. face.  
Pito impract no fall
- 59.00 Descend to cañon.
- 61.00 Bottom of cañon 100 ft. deep,  
course W. ascend abruptly.
- 64.00 Top of bluff of cañon, bears  
E. and W.
- 80.00 Set a lime stone  $20 \times 10 \times 8$  inc.  
in a md. of stone for cor. to  
secs. 27, 28, 33<sup>rd</sup> & 34, marked  
with one notch on S. and 3 notches  
on E. edges. Pito impract  
no fall in Gemito  
Mountainous land 80 chs.  
Dense undergrowth 80 chs.

- N.  $89^{\circ}50'E$ . on a random line  
 Pt. sec. 27<sup>nd</sup> & 34. Over mountainous  
 land thro' dense undergrowth<sup>and</sup>  
 scattering cedars<sup>and</sup> piñone
- 40.00 Set a temp.  $\frac{1}{4}$  sec. cor.
- 80.10 Intersect N.<sup>nd</sup> & S. line 21 lks.  
 N. of cor. to sec. 26, 27, 34 & 35,  
 thence I run S.  $89^{\circ}59'W$ . on  
 a true line pt. sec. 27 & 34  
 ascending.
- 32.00 Top of ascent, begin to descend.
- 40.05 Set a line stone  $20 \times 12 \times 4$  ins.  
 in a md. of stone for  $\frac{1}{4}$  sec. cor.  
 marked  $\frac{1}{4}$  on N. face
- ~~Pts. simp. pract. 750 feet~~  
 80.10 Cor. to sec. 27, 28, 33<sup>rd</sup> & 34.  
 Mountainous land 80.10 che.  
 Dense undergrowth 80.70 che.  
 Scattering cedars<sup>and</sup> piñone

N.  $0^{\circ}03'W$ , bet. sec. 27<sup>th</sup> & 28.

Over mountainous land, through  
dense undergrowth & scattering timber.

11.00 Cedars & piñons become dense.

29.00 Edge of bluff of draw bearing S. E. +  
N. W. descend, leave cedars & piñons.

34.00 Centre of draw course N. W. ascend.

38.00 Top of bluff N. side.

40.00 Set a lime stone  $28 \times 12 \times 6$  ins. in  
a md. of stone for  $\frac{1}{4}$  sec. cor.

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

A cedar 14 ins. diam. bears N.

$5^{\circ}20'E$ . 112 lks. dist. marked

$\frac{1}{4} S. 27 B. \checkmark$

A piñon 4 ins. diam. bears N.

$47^{\circ}25'W$ . 143 lks. dist. marked

$\frac{1}{4} S. 28 B. \checkmark$

42.00 Leave dense timber.

49.00 Edge of bluff of gulch, bears  
N. W. & S. E. descend.

- 50.40 Bottom of gulch, course  
N. W. ascend.
- 53.00 Top of bluff N. side.
- 80.00 Set a line stone 18x10x6 inc. in  
a rnd. of stone 3 ft. high for cor.  
to sec. 21, 22, 27 & 28, marked  
with 2 notches on S. <sup>2d</sup> & 3 notches  
on E. edges. ~~Pits unpract~~  
~~no trees in vicinity~~  
Mountainous land 80 che.  
Dense cedars <sup>and</sup> pines 69 che.  
Dense undergrowth 80 che.

N. 89° 59' E. on a random line  
bet. sec. 22 & 27. Over mountain-  
ous land & thro' dense undergrowth.

- 40.00 Set temp. 1/4 sec. cor.
- 80.00 Intersect N. <sup>2d</sup> & S. line 5 lks. S.  
of cor. to sec. 22, 23, 26 <sup>and</sup> 27,



thence I run S.  $89^{\circ}57'$  W. on  
a true line bet. secs. 22<sup>nd</sup> and 27.

Descending.

30.00 Road bears N.  $65^{\circ}$  W. + S.  $65^{\circ}$  E.  
centre of main side cañon,  
course N.  $65^{\circ}$  W.

36.00 Foot of bluff of main side cañon, ascend

40.00 Set a line stone 30X10X4 inc. in  
a md. of stone 4 ft. high for  $\frac{1}{4}$  sec.  
cov. marked  $\frac{1}{4}$  on N. face.  
no trees up line to this sup.  
Continue to ascend steep slope  
of bluff diagonally.

60.00 Top of bluff bears S.  $70^{\circ}$  E + N.  $70^{\circ}$  W.

80.00 Cov. to secs. 21, 22, 27<sup>th</sup> and 28.

Mountainous land 80 che.

Dense undergrowth 80 che.

Scattering cedars<sup>nd</sup> pinone.

Nov. 5. 1900.

Nov. 6: At 8<sup>h</sup> 0<sup>m</sup> A.M. l.m.t.  
 Set off 36° 02' N. on the lat. arc;  
 15° 56' S. on the decl. arc; and  
 determine a true meridian  
 with the solar at the cor. to  
 sec. 21, 22, 27<sup>and</sup> 28, thence  
 I run

N. 0° 02' W. bet. sec. 21<sup>and</sup> 22.

Over mountainous land and  
 through dense undergrowth.

- 7.00 Edge of bluff of main side cañon,  
 bear E. + W. descend abruptly.  
 20.85 Bottom of cañon 400 ft. deep, course  
 W. Road bears E. + W. ascend.  
 40.00 Set a lime stone 18x10x6 ins. in  
 a md. of stone for 1/4 sec. cor.  
 Marked 1/4 on W. face.

- ~~Cuto unpract~~  
 No trees on ledge  
 48.00 Top of bluff of cañon bears E. + W.  
 79.00 Descend to cañon. Edge of bluff  
 bears N.  $65^{\circ}$  E. + S  $65^{\circ}$  W.  
 80.00 Set a line stone  $24 \times 14 \times 12$  ins.  
 in a md. of stone for cor. to  
 sec. 15, 16, 21, + 22. marked  
 with 3 notches on S. and 3 notches  
 on E. edges with 31N on N.E.;  
1W on N.W. faces from which  
 a piñon 10 inc. diam. bears  
 S.  $77^{\circ}$  W. 70 lks. dist. marked  
 S. 31 N. R. 1 W. S. 21. B. S.  
 A piñon 12 inc. diam. bears S.  
 $69^{\circ}05'$  E. 119 lks. dist. marked  
 S. 31 N. R. 1 W. S. 22 B. S.  
 A piñon 6 inc. diam. bears  
 N.  $78^{\circ}$  E. 141 lks. dist. marked  
 S. 31 N. R. 1 W. S. 15 B. S.  
 A piñon 10 inc. diam. bears  
 $1^{\circ}20'$  W. 216 lks. dist. marked

T. 31 N., R. 12 W., S. 16. B. A.

Mountainous land 80 che.

Dense undergrowth 80 che.

Scattering piñons + cedars.

N.  $89^{\circ} 57' E.$  on a random line  
bet. sec. 15. + 22, through dense  
undergrowth and dense  
cedars and piñons.

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

80.10 Intersect N. + S. line 11 lks. S. of  
cor. to sec. 14, 15, 22 and 23,

thence I run S.  $89^{\circ} 53' W.$  on  
a true line bet. sec. 15 + 22,

3.54 Grad bear NE + SW.

40.05 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 N. face, from which  
 a cedar 10 ins. diam. bears N.  $53^{\circ}$  E.  
 15 lks. dist. marked  $\frac{1}{4}$  S. 15 T. S.

A piñon 12 in. diam. bears S  $23^{\circ}$   $40'$  W,  
 17 lks. dist. marked  $\frac{1}{4}$  S. 22 T. S.

45.00 Leave dense cedars & piñons.

80.10 Cor. to secs. 15, 16, 21 & 22.

Land rough and rocky.

Dense cedars & piñons 45 chs.

Dense undergrowth 80.10 chs.

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N.  $0^{\circ}$   $02'$  W. bet. secs. 15 & 16.

Through dense undergrowth.

7.00 Gulch course S.  $65^{\circ}$  W. ascends.

9.00 Top of bluff bears S.  $65^{\circ}$  W. & N.  $65^{\circ}$  E.

20.00 Enter dense cedars & piñons.

40.00 Set a lime stone 18 X 10 X 8 in.

in a md. of stone for  $\frac{1}{4}$  sec. cor. e.  
marked  $\frac{1}{4}$  on W. face, from which cor.

A piñon 10 ins diam. bears

N.  $27^{\circ}30'$  W. 92 lks. dist. marked

$\frac{1}{4}$  S. 16. B. S.

A cedar 12 ins. diam. bears N. te.

$57^{\circ}E$ , 103 lks. dist. marked

$\frac{1}{4}$  S. 15. B. S.

Lat. at  $\frac{1}{4}$  cor.  $36^{\circ}03'$  N.

51.00 Leave timber and proceed through  
dense undergrowth and burnt cedars.

80.00 Set a line stone  $30 \times 12 \times 4$  ins. in  
a md. of stone for cor. to sec.

9, 10, 15 and 16, marked with 4  
notches, on S. and 3 notches on E. edges. c;

into unproject no top  
land rough and rocky.

Dense undergrowth 80 chs. to

Scattering cedars and piñons. S.

- N.  $89^{\circ} 52'$  E. on a random line  
bet. secs. 10 & 15. Over rough,  
rocky land & through dense under-  
growth.
- 40.00 Set a temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect N.<sup>th</sup> & E. line 5 lks.  
N. of cor. to secs. 10, 11, 14 & 15,  
thence I run  
S.  $89^{\circ} 54'$  W. on a true line bet.  
secs. 10 & 15.  
Through dense piñons & cedars  
and dense undergrowth.
- 10.00 Leave dense timber
- 40.01 Set a lime stone  $20 \times 10 \times 4$  ins.  
in a  $\frac{1}{2}$  rd. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face.  
~~no trees~~ ~~Pils. enfs~~
- 80.02 Cor. to secs. 9, 10, 15 & 16.  
Land rough & rocky, soil 4<sup>th</sup> rate.  
Dense cedars & piñons 10 che.  
Dense undergrowth 80.02 che.

~~Nov. 16, 1900.~~

Nov. 7: at 8<sup>h</sup> 0<sup>m</sup> A. M. l. m. t.  
I set off  $36^{\circ} 04'$  N. on the lat. arc; te.  
 $16^{\circ} 14'$  S. on the decl. arc; and  
determine a true meridian  
with the solar at the cor. to  
secs. 9, 10, 15 & 16, thence I run

N.  $0^{\circ} 02'$  W. bet. secs. 9<sup>and</sup> 10.

Through dense undergrowth and  
burnt cedars over mountain ci  
ous land. n

18.00 Gulch to W. to

40.00 Set a line stone 18X14X4 inc. S.  
in a md. of stone 3 ft. high for  
 $\frac{1}{4}$  sec. cor. Marked  $\frac{1}{4}$  on W. face.



from which

A cedar 14 ins. diam. bears  
N. 70° E. 91 lks. dist.

marked  $\frac{1}{4}$  D. 10 B. S.  $\uparrow$   
Dike impact

62.00 Descend to cañon.

72.00 Bottom of cañon from S.E. to W.  
400 ft. deep. ascend

80.00 Set a lime stone 36x24x12 ins.  
in a md. of stone 4 ft. high  
for cor. to sec. 3, 4, 9<sup>th</sup> & 10.  
marked with 5 notches on  
S. <sup>2</sup>nd & 3 notches on E. edge.

Reto visit to tree on plain  
Mountainous land 80 che.

Dence undergrowth 80 che.

N.  $89^{\circ}54'$  E. on a random line  
bet. sec. 3 & 10.

Over mountainous land thro'  
dense cedars & piñons along  
steep slope of cañon.  
ascending.

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

79.86 Intersect N. & S. line 7 lks. N.  
of cor. to sec. 2, 3, 10<sup>th</sup> & 11,  
thence I run

S  $89^{\circ}57'$  W. on a true line bet.  
sec. 3<sup>rd</sup> & 10. thro' dense  
cedars & piñons.

10.00 Leave dense timber, enter wide  
draw.

30.00 Centre of draw Course S.  $75^{\circ}$  W.

39.93 Set a line stone 24 x 16 x 6 inc.  
in a mid. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face.

49.42 Trail bears N. W. & R. O. ascend

out of draw.

64.00 Top of ascent, descent slope of cañon.

79.86 Cor. to secs. 3, 4, 9 and 10.

Mountainous land 79.86 che.

Dense undergrowth 79.86 che.

Dense cedars & piñons, 10 che.

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N.  $0^{\circ}02'W$  on a random line

bet. secs. 3 and 4.

Ascending thro' dense under-  
growth and scattering cedars and piñons.

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

79.92 Intersect N. Ldy. Sp. 8 lks. E. of  
cor. to secs. 3, 4, 33 and 34,

thence I run

S.  $0^{\circ}05'E$  on a true line

bet. secs. 3 and 4.

39.92 Set a lime stone 18X12X4 ins.  
 in a md. of stone for  $\frac{1}{4}$  sec. cor.  
 marked  $\frac{1}{4}$  on W. face. a  $\frac{1}{2}$  of  $\frac{1}{4}$   
 45.00 In on trail Detroit  
 74.00 Descend over rough ground.  
 79.92 Cor. to sec. 3, 4, 9 and 10.  
 Land rough & rocky. Soil 4<sup>th</sup> rate.  
 Dense undergrowth 79.92 chs.  
 Scattering cedars & pines.  
 Nov. 7. 1900.

Nov. 8: At 8<sup>h</sup> 0<sup>m</sup> A.M. l.m.t.  
 I set off  $36^{\circ} 0' N.$  on the lat.  
 arc;  $16^{\circ} 32' S.$  on the decl. arc;  
 and determine a true meridian  
 with the solar, at the cor. to  
 sec. 4, 5, 32 & 33 on the S.  
 Edy. thence I run

From the cor. to secs. 4, 5, 32<sup>nd</sup>  
33 on the S. Edy. Iron N.  
0° 03' W. bet. secs. 32 and 33.

Over mountainous land,  
thru dense undergrowth.

- 1.40 Gulch course W, ascend  
5.00 Top of bluff of gulch. bears E. & W.  
6.00 Descend through dense  
cedars and pinons.
- 40.00 Set a lime stone 24x10x4 ins.  
in a md. of stone for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on W. face, from which  
A piñon 10 ins. diam. bears  
N. 12° 20' E. 72 lks. dist.  
marked  $\frac{1}{4}$  S. 34 B. A.
- A piñon 6 ins. diam. bears  
N. 85° W. 112 lks. dist.  
marked  $\frac{1}{4}$  S. 33 B. A.
- 80.00 Set a lime stone 22x18x8  
ins. in md. of stone for cor.

to secs. 28, 29, 32 + 33. marked  
with 1 notch on S. <sup>48</sup> 4 notches  
on E. edges from which a  
Piñon 10 ins. diam. bears N.  
26° 20' E. 25 lks. dist. marked  
S. 31 N. P. 1 W. S. 33 B. S.

A piñon 12 ins. diam. bears  
N. 14° 20' W. dist. 41 lks.  
marked S. 31 N. P. 1 W. S. 32 B. S.

A cedar 12 ins. diam. bears  
S. 33° 20' E. 9 lks. dist. marked  
<sup>1/4 S. 33. B. S.</sup>

A cedar 14 ins. diam. bears  
S. W. 6 lks. dist. marked  
S. 31 N. P. 1 W.

Mountainous land 80 che.,  
soil 4<sup>th</sup> rate.

Dense undergrowth 80 che.

Dense cedar & piñon 74 che.

N.  $89^{\circ}50'E$ . on a random line  
bet. sec. 28<sup>nd</sup> & 33.

Over mountainous land, through  
dense cedars<sup>nd</sup> piñons ascending.

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

80.01 Intersect N.<sup>nd</sup> & S. line 3. lks. N. of  
cor. to sec. 27, 28, 33<sup>nd</sup> & 34,  
thence I run

S.  $89^{\circ}51'W$ . on a true line  
bet. sec. 28<sup>nd</sup> & 33.

5.00 Enter dense cedars & piñons.

20.00 Leave " " " "

25.50 Edge of bluff of cañon descend abruptly.

35.50 Bottom of cañon 400 ft. deep,  
course N.W. ascend abruptly.

40.00 Set a line stone  $24 \times 6 \times 6$  ins.  
in a rnd. of stone for  $\frac{1}{4}$  sec.

cor. marked  $\frac{1}{4}$  on N. face.

43.00 ~~Into impact. No trees~~  
Top of bluff W. side of cañon  
Leave N.W. & S.E. continue to ascend.

- 44.00 Top of ascent, begin to descend.  
 69.00 Enter dense cedars & piñons.  
 80.01 Cor. to secs. 28, 29, 32<sup>nd</sup> & 33.  
 Mountainous land 80.01 chs.  
 Dense cedars & piñons 26.01 chs.  
 Dense undergrowth 80.01 chs.

N.  $0^{\circ}03'W$ . bet. secs. 28 & 29.

Over mountainous land, through  
 dense timber and brush.

- 1.00 Leave dense timber.  
 4.00 Descend to deep, rocky gulch  
 8.90 Bottom of gulch 150 ft. deep,  
 course W. ascend.  
 11.00 Top of bluff of gulch, bear E. & W.  
 37.00 Edge of bluff of canon, bear  
 N.W. and S.E. Descend abruptly.  
 40.00 Set a lime stone 18 X 10 X 4 ins.



- in a md. of stone for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on W. face.  
 Cuto ~~in~~ <sup>no</sup> ~~fract~~ <sup>tree</sup>  
 43.00 Bottom of cañon course N.W.  
 ascend low point dividing cañons.  
 46.00 Top of point, descend.  
 47.00 Bottom of cañon 500 ft. deep,  
 course W. ascend low point.  
 53.00 Top of point, descend.  
 57.00 Bottom of cañon, <sup>and road</sup> course  
 S.W. ascend low point.  
 66.00 Top of point, descend.  
 71.50 Bottom of cañon course W.  
 ascend abruptly.  
 80.00 Set a line stone 18X14X6 inc.  
 in a md. of stone 4 ft. high  
 for cor. to secs. 20, 21, 28<sup>and</sup> 29,  
 marked with two notches on  
 S. <sup>and</sup> 4 notches on E. edges.  
 From which,  
 A piñon 6 inc. diam. bears

N.  $61^{\circ} 05' E$ . 132 lks. dist. marked

S.  $31^{\circ} N$ . R. 12W. S. 21 B. S.

A piñon 6 ins. diam. scars

S.  $57^{\circ} 30' W$ . 82 lks. dist. marked

S.  $31^{\circ} N$ . R. 12W. S. 29. B. S.

A piñon 6 ins. diam. scars

S.  $76^{\circ} 35' E$ . 188 lks. dist. marked

S.  $31^{\circ} N$ . R. 12W. S. 28. B. S.

Mountainous land 80 che.

Dense undergrowth 80 che.

Scattering cedars & piñons.

Soil  $\frac{1}{2}$  rate.