

# 1386

1386

BOOK 1386

## FIELD NOTES OF

### THE EXTERIOR LINES OF

Townships 19 and 20 N., Range 1 E., Tp. (Retraced 1 mile West E. by Jacobs. #2 Sub. T 21 N., R. 1 E.) 21 N., R. 2 E., Townships 22 N., Rs. 2, 3 and 6 E., Township 23 North, Ranges 2, 3, 4 and 6 E., Township 24 North, Range 3 E.,

Gila and Salt River Meridian,  
ARIZONA.

W. R. Fitzgerald, Deputy Surveyor.  
under his contract of July 27, 1882.  
Survey commenced January 4th, 1883.  
Survey completed, February 7, 1883.

EX-91

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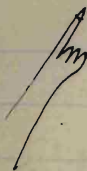
Revised

BOOK 1386

Page.

N-S+E	T. 19 N;	R. 1 E.	S = 1 E = 8 N = 16
E.	" 20 "	" " "	23.
W+N.	" 21 "	" 2 "	W = 32 N = 57
N-W+E.	" 22 "	" " "	W = 42 E = 74 N = 51
N-W+E.	" 23 "	" " "	W = 60 E = 104 N = 112
E+N.	" 22 "	" 3 "	E = 66 W = 87
E+N.	" 23 "	" " "	E = 94 N = 130
W+E.	" 24 "	" " "	W = 124 E = 13
N-S+E.	" 23 "	" 4 "	S = 144 E = 152 W = 16
E.	" 22 "	" 6 "	165
W-E-S+N	" 23 "	" 6 "	E = 175 S = 184 W = 192 N = 201

# See survey S - Bdy T. 24 N;  
 R. 6 E. & Resurvey of  
 West Bdy. T. 23 N, R. 7 E.





S. B. T. 19 N. R. 1 E. G. &amp; S. R. M.

1386

ains.

Before proceeding further with the exteriors of this Tps., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude and found it to be  $34^{\circ}58' \frac{1}{2}$ .

From the Cor. to Tps. 18<sup>th</sup> and 19<sup>th</sup> N. Rs. 16<sup>th</sup> & 17<sup>th</sup>, previously set by me. Iron

East. on a true line between sections 6<sup>th</sup> and 31.

Va.  $14^{\circ}42'$  East.

Descend.

To allow for convergency at

38.98 Set a Sand stone  $16 \times 11 \times 4$  ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

53.00 Cross Wash, 120 lks. wide, Course  $\odot$  and ascend.

78.98 Set a. Sand stone  $20 \times 10 \times 4$  ins. 15 ins. in the ground for Cor. to Secs. 5, 6, 31<sup>st</sup> and 32<sup>nd</sup>, marked with / notch on W and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

Chains.

Land Mountainous

Soil 3<sup>rd</sup> rate,

Timber of Pine <sup>and</sup> Juniper.

Undergrowth of Saine.

East. on a true line between sections 5<sup>th</sup> and 32.

Va. 14° 42' East.

Ascend.

40.00

Set a sand stone 16 x 10 x 5 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.

41.00

Top of Ridge, bears N. 10° W. <sup>and</sup> S. 10° E. and descend.

79.00

Cross Wash, 70 lks. wide, Course S. and ascend.

80.00

Set a sand stone 16 x 9 x 5 ins., 11 ins. in the ground for Cor. to Secs. 4, 5, 32 <sup>and</sup> 33, marked with 2 notches on W and 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine <sup>and</sup> Juniper,

Vegetation, bunch grass.

No. 1386

Chains.

East. on a true line between sections 4 <sup>and</sup> 33.Va.  $14^{\circ}42'$  East.

Ascend.

40.00 Set a sandstone  $20 \times 11 \times 3$  ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Juniper 20 ins. diam. bears N.  $75^{\circ}$  W., 67 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

77.00 Top of Spur, bears N. <sup>and</sup> S. and descend.

80.00 Set a sandstone  $24 \times 16 \times 6$  ins. 18 ins. in the ground for Cor. to Secs. 3, 4, 33 <sup>and</sup> 34, marked with 3 notches on W. and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine <sup>and</sup> Juniper.  
Vegetation, bunchgrass.

S. B. T. 19 N. R. 1 E. G. &amp; S. R. M.

Chains.

East. on a true line between sections 3<sup>rd</sup> and 34.

Va. 14° 42' East.

Descend.

40.00 Set a Sand stone 20 x 10 x 6 ins., 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

74.40 Cross Wash, 125 lks. wide, Course S. 40 W and ascend.

80.00 Set a Sand stone 24 x 16 x 6 ins. 18 ins. in  
the ground for Cor. to Secs. 2, 3, 34<sup>th</sup> and 35, marked  
with 4 notches on W and 2 notches on E. edges and  
raised a mound of stone. alongside. Pits impracticable,  
from which

A Juniper 18 ins. diam. bears S. 74° W, 30 lks. dist.  
marked T. 18 N., R. 1 E., S. 4 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.  
Vegetation, bunchgrass.

S. B. T. 19 N. R. 1 E. G. & S. R. M.

Chains.

East. on a true line between sections 2 and 35

Va. 14° 42' East.

Ascend.

36.70 Cross Road, bears N. and S.

40.00 Set a Sand stone 20 x 9 x 5 ins., 15 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, and raised a mound of stone. alongside. Pits impracticable.

60.00 Top of Spur, bears N. 20° E. and S. 20° W. and descend.

80.00 Set a Sand stone 18 x 12 x 4 ins. 12 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36, marked with 5 notches on W and 1 notch on E. edges and raised a mound of stone. alongside. Pits impracticable, from which

1 Juniper 10 ins. diam. bears N. 73° W., 20 lbs. dist. marked T. 19 N., R. 1 E., S., 35 B. T.

1 Juniper 20 ins. diam. bears S. 59 1/2° W., 6 lbs. dist. marked T. 18 N., R. 1 E., S., 2 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of Juniper.

Vegetation, bunchgrass.



S. B. T. 17 N. R. 1 E. G. &amp; S. R. M.

chains.

East. on a true line between sections 1 and 36.

Va.  $14^{\circ}42'$  East.

Descend.

13.00 Cross Wash, 30 lks. wide, Course S. and ascend.

40.00 Set a sand stone  $16 \times 11 \times 5$  ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

51.00 Top of Spur, bears N. and S. and descend.

72.00 Cross Wash, 150 lks. wide, Course S. and ascend.

80.00 Set a sand stone  $20 \times 11 \times 5$  ins. 15 ins. in the ground, for Cor. to Tps. 18 and 19 N R's 1 and 2 E., marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable.

from which

A Juniper 10 ins. diam. bears N.  $14^{\circ}42'$ , 86 lks. dist. marked T. 19 N, R. 2 E, S., 31 B. T.A Juniper 20 ins. diam. bears S.  $10^{\circ}E$ , 33 lks. dist. marked T. 18 N, R. 2 E, S., 6 B. T.A Juniper 20 ins. diam. bears S.  $40^{\circ}W$ , 34 lks. dist. marked T. 18 N, R. 1 E, S., 1 B. T.

No other tree within limits.

This cor. was re-located by Deputy Surand, under contract No. 92, and marked for cor. to Sp. 19 N. R. 1 E. only.

S. B. T. 19 N. R. / E. G. & S. R. M.

hains.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine <sup>and</sup> Juniper.

Undergrowth of same.

January 4<sup>th</sup> 1883.

E. B. T. 19 N. R. 1 E. G. &amp; S. R. M.

Chains.

From the Cor. to Tps. 18<sup>th</sup> & 19<sup>th</sup> N. Rs. 1 & 2<sup>nd</sup>,  
previously set by me. Iron

North between sections 31<sup>st</sup> & 36.

Variation 14° 42' East.

Ascend.

40.00 Set a Sand stone 24 x 10 x 4 ins., 18  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

80.00 Set a Sand stone 23 x 11 x 5 ins. 17 ins. in  
the ground for Cor. to Secs. 25, 30, 31<sup>st</sup> & 36, marked  
with 1 notch on S. and 5 notches on W. edges and  
raised a mound of stone. alongside. Pits impracticable,  
Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.  
Vegetation, bunchgrass.

Chains.

North between sections 25<sup>and</sup> 30,

Variation 14°42' East.

Along W. slope.

40.00 A Juniper 14 ins. diam. which I marked  $\frac{1}{2}$  S.

on W. face, for  $\frac{1}{2}$  sec. cor., dug pits, 18 x 18 x 12 ins.

N. and S. of tree, 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth around tree.

from which

A Juniper 14 ins. diam. bears S. 40° E, 27 lbs. dist.

marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

75.00 Descend into Cañon.

80.00 Set a sand stone 20 x 10 x 4 ins. 15 ins. in

the ground for Cor. to Secs. 19, 24, 25<sup>and</sup> 30, marked

with 2 notches on S. and 4 notches on W edges and

raised a mound of stone. alongside, Pits impracticable.

from which

A Juniper 11 ins. diam. bears S. 28° E, 92 lbs. dist.

marked T. 19 N. R. 2 E, S., 30 B. T.

A Juniper 18 ins. diam. bears N. 20° W, 88 lbs. dist.

marked T. 19 N. R. 1 E, S., 24 B. T.

No other tree within limits.

E. B. T. 19 N. R. 1 E. G. &amp; S. R. M.

Chains.

Land mountainous

Soil *3<sup>rd</sup>* rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

North between sections 19 <sup>th</sup> & 24.

Variation 14° 42' East.

Descend.

30.00 Gross Canon, 200 lks. wide, Course S. 80° W and ascend.

40.00 Set a sand stone 16 x 10 x 7 ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

a Juniper 12 ins. diam. bears N. 29 $\frac{1}{2}$ ° E, 180 lks. dist marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00 Set a sand stone 8 x 11 x 4 ins. 12 ins. in the ground for Cor. to Secs. 13, 18, 19 <sup>th</sup> & 24, marked with 3 notches on S. and 3 notches on W edges and raised a mound of stone. alongside. Pits impracticable.

from which

a Juniper 16 ins. diam. bears N. 29° E, 140 lks. dist

Chains.

marked T. 19N, R. 2E, S., 18 B. T.

A Juniper 13 ins. diam. bears N. 15° W., 180 lks. dist

marked T. 19N, R. 1E, S., 13 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

North between sections 13 and 18.

Variation 14° 42' East.

Ascend.

40.00 Set a sand stone 24 x 16 x 8 ins., 18 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Juniper 14 ins. diam. bears E. 37° W., 48 lks. dist.

marked 1/2 S. B. T.

No other tree within limits.

80.00 Set a sand stone 16 x 14 x 8 ins. 11 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18, marked with 4 notches on S. and 2 notches on W. edges and raised a mound of stone. alongside. Pits impracticable.

12  
E. B. T. 19 N. R. 1 E. G. & S. R. M.

chains.

from which

A Pine 12 ins. diam. bears  $N. 30^{\circ} W.$ , 88 lks. dist.

marked T. 19 N., R. 1 E., S., 12 B. T.

A Juniper 10 ins. diam. bears  $N. 10^{\circ} E.$ , 37 lks. dist.

marked T. 19 N., R. 2 E., S., 7 B. T.

A Juniper 12 ins. diam. bears  $S. 20^{\circ} 14' W.$ , 59 lks. dist.

marked T. 19 N., R. 1 E., S., 13 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

E. B. T. 19 N. R. / E. G. & S. R. M.

Chains.

North between sections 7 and 12.

Variation 14° 42' East.

Ascend.

18.00 Top of Ridge, bears N. 15° E. W. 152' and descend.

30.00 Cross Wash, 80 lks. wide, Course S. 20° W. and ascend.

40.00 Set a Sand stone 20 x 10 x 10 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

80.00 Set a Sand stone 15 x 12 x 10 ins. 10 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on W. edges and raised a mound of stone. alongside, Pits impracticable. from which

A Juniper 10 ins. diam. bears N. 30° E., 18 lks. dist. marked T. 19 N. R. 2 E. S., 6 B. T.

A Juniper 9 ins. diam. bears S. 80° E., 38 lks. dist. marked T. 19 N., R. 2 E. S., 7 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine and Juniper.

Undergrowth of same.



E. B. T. 19 N. R. / E. G. & S. R. M.

chains.

North between sections 1<sup>9</sup>/<sub>2</sub> 16.

Variation 14°42' East.

Ascend.

24.00 Top of Spur, bears N. E. and S. W. and descend.

40.00 Set a Sand stone 20 x 10 x 5 ins., 15 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone. alongside. Pits impracticable.

Corner set in Cañon, course S. 70° W. and ascend.

80.00 Set a Sand stone 30 x 24 x 7 ins. 22 ins. in the ground, for Cor. to Tps. 19 and 20 1/2, R's 1 and 2 E., marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable. Cor. set on Top of Ridge, bears N. E. and S. W.

Land mountainous

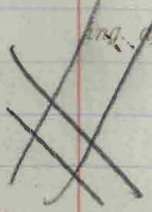
Soil 3rd rate.

Timber of Pine and Juniper.

Vegetation, bunchgrasses.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

January 5<sup>th</sup> 1883.



chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 19 & 20 N., Rs. 1 & 2 E., previously set by me.

I run West, on a random line on N. B. of Tp.

19 N 1 E

Va. 140° 45' East.

I set temporary corners at every half mile, and at 5 miles 78.55 chs. I arrive at a point 42 lks. North of Cor. to Tps.

19<sup>th</sup> & 20<sup>th</sup> N., Ro. 1 E. & 2 W., previously set by me.

From which corner I run.

N. 89° 57' E. on a true line between sections 6<sup>th</sup> & 31.

Va. 140° 45' East

Ascend.

20.00 Top of Spur, bears N. and S. and descend.

38.55 Set a sand stone 24 x 12 x 7 ins., 18 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

U. B.

T. 19 N. R. / E. G. &amp; S. R. M.

Chains.

A Juniper 10 ins. diam. bears  $N. 30^{\circ} E.$ , 14 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

67.00 Cross Wash, 50 lks. wide, Course  $S.$  and ascend.

78.55 Set a Sand stone  $20 \times 10 \times 4$  ins. 15 ins. in  
the ground for Cor. to Secs. 5, 6, 31<sup>st</sup> and 32, marked  
with / notch on  $N$  and  $S$  notches on E. edges and  
raised a mound of stone. alongside, Pits impracticable.  
from which

A Juniper 20 ins. diam. bears  $N. 30^{\circ} E.$ , 186 lks. dist.  
marked T. 20 $N$ , R. 1 $E$ , S., 32 B. T.

A Juniper 22 ins. diam. bears  $S. 7^{\circ} W.$ , 17 lks. dist.  
marked T. 19 $N$ , R. 1 $E$ , S., 6 B. T.

No other tree within limits.

Land mountainous

Soil 4<sup>th</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

N. B. T. 19 N. R. 1 E. G. & S. R. M.

Chains.

N.  $89^{\circ}57'E$ . on a true line between sections 5<sup>th</sup> & 32.

Va.  $14^{\circ}45'$  East.

Ascend.

40.00 Set a Sand stone  $24 \times 12 \times 7$  ins., 18 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

59.00 Cross road to Prescott bear N.  $10^{\circ}E$ .  $90^{\circ}$  S.  $10^{\circ}W$ .

60.00 Top of Ridge, bears N.  $90^{\circ}$  S. and descend.

77.00 Cross Canon, 100 lks. wide, Course N.  $15^{\circ}E$ . and ascend.

80.00 Set a Sand stone  $20 \times 12 \times 6$  ins. 15 ins. in the ground for Cor. to Secs. 4, 5, 32<sup>nd</sup> & 33, marked with 2 notches on N. and 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous

Soil 4 etc rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

N. B. T. 19 N. R. 1 E. G. &amp; S. R. M.

Chains.

N. 89° 57' E. on a true line between sections 4<sup>and</sup> 33,

Va. 14° 45' East.

Ascend.

40.00 Set a sand stone 20 x 10 x 4 ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable. and ascend.

47.00 Top of Ridge, bears N. <sup>and</sup> S. and descend.

80.00 Set a sand stone 20 x 10 x 4 ins. 15 ins. in the ground for Cor. to Secs. 3, 4, 33<sup>and</sup> 34, marked with 3 notches on W and 3 notch es on E. edges and raised a mound of stone. alongside, Pits impracticable. Land mountainous.

Soil 4<sup>at</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

N. B. T. 19 N. R. 1

E. G. &amp; S. R. M.

chains.

N.  $89^{\circ} 57' E$ , on a true line between sections 3<sup>rd</sup> and 34.

Va.  $14^{\circ} 45'$  East.

Descend.

40.00

Set a Sand stone 16 x 14 x 5 ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone alongside. Pits impracticable.

from which

A Juniper 12 ins. diam. bears N.  $22^{\circ} E$ , 86 lbs. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

60.00

Cross Canon, 200 lbs. wide, Course  $\varnothing 10^{\circ} E$ , and ascend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone: 12 ins. in the ground, for Cor. to Secs. 2, 3, 34<sup>th</sup> and 35, marked T. 2011 S. 35, on N. E., R. 1 E, S. 2 on S. E., S. 3 on S. W, and S. 34 on N. W. faces, with 4 notch 20 on W and 2 notch 20 on E. edges; and raised a mound of stone 2 ft. high, 4 $\frac{1}{2}$  ft. base around post. Pits impracticable. from which

A Juniper 14 ins. diam. bears N.  $29^{\circ} 10' E$ , 66 lbs. dist. marked T. 2011, R. 1 E, S. 35 B. T.

A Juniper 12 ins. diam. bears  $\varnothing 30^{\circ} W$ , 96 lbs. dist.

N. B. T. 19. N. R. / E. G. &amp; S. R. M.

Chains.

marked T. 194, R. 1<sup>E</sup>, S., 3 B. T.

No other tree within limits.

Land mountainous

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

Timber of Pine and Juniper.

Vegetation, bunchgrass.

N. 89° 57' E. on a true line between sections 2<sup>4th</sup> & 35.

Va. 14° 45' East.

Ascend.

5.00 Top of Ridge, bears N. 4<sup>th</sup> S. and descend.

25.00 Cross Canon, 200 lks. wide, Course S. and ascend.

40.00 Set a Sand stone 20 x 18 x 12 ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Juniper 13 ins. diam. bears S. 30° W, 110 lks. dist.

marked  $\frac{1}{2}$  S. B. T.

No other trees within limits

43.00 Top of Ridge, bears N. 4<sup>th</sup> S. and descend.

80.00 Set a Sand stone 24 x 12 x 8 ins. 18 ins. in

N. B. T. 19 N. R. / E. G. & S. R. M.

chains.

in  
the ground for Cor. to Secs. 1, 2, 35 and 36, marked  
with 5 notches on W and 1 notch on E. edges and  
raised a mound of stone. alongside. Pits impracticable.

Land mountainous

Soil  $\frac{1}{2}$  <sup>th</sup> rate.

Timber of Pine and yampet.

Vegetation, bunchgrass.

N. 89° 57' E. on a true line between sections 1 and 36.

N. 14° 45' East.

Descend.

20.00 Cross Wash, 150 lks. wide, Course N. and ascend

40.00 Set a sand stone 14 x 10 x 8 ins., 9  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

1 Cedar 24 ins. diam. bears N. 20° E., 60 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

47.00 Top of Spur, bears N. and S. and descend.



N. B. T. 19 N. R. 1 E. G. & S. R. M.

C Chains.

80.00 The Cor. to Tps. 19<sup>th</sup> & 20<sup>th</sup> N. Rs. 1 & 26<sup>th</sup>  
from which I started

Land mountainous

Soil 4<sup>th</sup> rate

Timber of Pine & Juniper

Vegetation, bunchgrass.

January 9<sup>th</sup> 1883.

E. B. T. 20 N. R. / E. G. &amp; S. R. M.

Chains.

From the Cor to Sp 19<sup>400</sup> 20 N. R. / 400 2 E  
 previous by set by me I run  
 North between sections 31<sup>400</sup> and 36.

Variation  $14^{\circ}45'$  East.

Descend.

4.00 Gross Canon, 250 lks. wide, Course  $S. 15^{\circ}E$ , and ascend.

15.00 Top of Spur, bears  $E. \frac{1}{2} W.$  and descend  
 abruptly along E. bank of Cañon,

40.00 Set a Sand stone  $20 \times 20 \times 18$  ins., 15  
 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on  $W.$   
 face, and raised a mound of stone. alongside. Pits  
 impracticable.

from which

A Juniper 12 ins. diam. bears  $N. 28^{\circ}E$ , 44 lks. dist.  
 marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

80.00 Set a Sand stone  $16 \times 12 \times 10$  ins. 11 ins. in  
 the ground for Cor. to Secs. 25, 30, 31<sup>400</sup> 36, marked  
 with 1 notch on S. and 5 notches on  $W.$  edges and  
 raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 16 ins. diam. bears  $N. 60^{\circ}W$ , 22 lks. dist.  
 marked T. 20 N. R.  $1E$ , S., 25 B. T.

A Juniper 12 ins. diam. bears  $N. 46^{\circ}E$ , 88 lks. dist.

Chains.

marked T. 20 N. R. 2 E., S., 30 B. T.

No other tree within limits. Corner set on Top of Spur, bears E.  $90^{\circ}$  W.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper. Undergrowth of same.

North between sections 25<sup>th</sup> and 30.

Variation  $14^{\circ}45'$  East.

Descend.

8.00 Cross Canon, 250 lks. wide, Course S.  $80^{\circ}$  W. and ascend.

40.00 Set a Sand stone  $20 \times 20 \times 10$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Juniper 14 ins. diam. bears S.  $28^{\circ}14'$  W., 82 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

50.00 Top of Spur, bears N. W. and S. E. and descend.

E. B. T. 20 N. R. 1 E. G. &amp; S. R. M.

Chains.

80.00

Set a Sand stone  $24 \times 20 \times 12$  ins. 18 ins. in  
the ground for Cor. to Secs. 19, 24, 25 and 30, marked  
with 2 notches on S. and 4 notches on N edges and  
raised a mound of stone, alongside. Pits impracticable.

from which

A Yellow Pine 18 ins. diam. bears N.  $40^{\circ} E$ , 55 lks. dist.  
marked T. 20N, R. 2E, S. 19 B. T.

A Yellow Pine 14 ins. diam. bears S.  $20^{\circ} E$ , 24 lks. dist.  
marked T. 20N, R. 2E, S. 30 B. T.

A Yellow Pine 12 ins. diam. bears S.  $18^{\circ} 14' W$ , 32 lks. dist.  
marked T. 20N, R. 1E, S. 25 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of Oame.

chains.

North between sections 19 and 24.

Variation 14°45' East.

Descend.

40.00 Set a Sand stone 15x15x8 ins., 10 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A White Oak 12 ins. diam. bears N. 12° W., 30 lks. dist. marked 1/2 S. B. T.

A Cedar 20 ins. diam. bears S. 15° E., 37 lks. dist. marked 1/2 S. B. T.

60.00 Cross Canon; 180 lks. wide, Course S. 20° E. and ascend.

68.00 Top of Spur, bears E. 1/2 W. and descend.

72.00 Cross Canon, 200 lks. wide, Course S. 45° W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24, marked T. 20 N. S. 18, on N. E., R. 2 E., S. 19 on S. E., S. 18 on S. W., and S. 13 on N. W. faces, with 3 notch 20 on S. and 3 notches 20 on N. edges; and raised a mound of stone 2 ft. high, 4 1/2 ft. base around post. Pits impracticable.

E. B. T. 20 N. R. / E. G. &amp; S. R. M.

Chains.

Land mountainous

Soil 3<sup>rd</sup> rate,Heavy timber of Pine, cedar, Oak & Juniper.  
Undergrowth of same.

North between sections 13 and 18,

Variation  $14^{\circ} 45'$  East.

Ascend.

25.00 Top of Spur, bears N.  $15^{\circ}$  E.  $2^{\text{nd}}$  S.  $15^{\circ}$  W. and descend.40.00 Set a sand stone  $14 \times 10 \times 10$  ins., 9  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone alongside. Pits  
impracticable.

from which

A Yellow Pine 36 ins. diam. bears S.  $85^{\circ}$  E, 36 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.A Yellow Pine 14 ins. diam. bears S.  $15^{\circ}$  W, 68 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.56.00 Cross Road, bears, N.  $25^{\circ}$  E.  $2^{\text{nd}}$  S.  $25^{\circ}$  W73.00 Cross Wash, 100 lks. wide, Course S.  $70^{\circ}$  W and ascend.80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone 12 ins. in  
the ground for Cor. to Secs. 7, 12, 13 and 18 marked  
S. 20 N., S. 7 on N. E.; R. 2 E., S. 15 on S. E.; R. 1 E., S. 13 on S. W. and S. 12 on N. W. faces  
with 4 notch 20 on S. and 2 notch 20 on W. edges and  
raised a mound of stone around post. Pits impracticable.

E. B. T. 20 N. R. / E. G. &amp; S. R. M.

Chains.

from which

A Yellow Pine 30 ins. diam. bears N. 79 1/2° E, 95 lks. dist.

marked T. 204, R. 2 E, S. 7 B. T.

A Yellow Pine 13 ins. diam. bears S. 22 E, 89 lks. dist.

marked T. 201, R. 2 E, S. 18 B. T.

A Yellow Pine 25 ins. diam. bears S. 10 1/2° W, 65 lks. dist.

marked T. 201, R. 1 E, S. 13 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate,

Heavy timber of Pine and Oak.

Undergrowth of some *Juniper*.

E. B. T. 20 N. R. 1 E. G. &amp; S. R. M.

Chains.

North between sections 7 <sup>and</sup> 12,Variation  $14^{\circ} 45'$  East.

Ascend.

7.75 Cross Road, bears  $N. 20^{\circ} W.$  <sup>and</sup>  $S. 20^{\circ} E.$ 40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from whichA Yellow Pine 18 ins. diam. bears  $S. 50^{\circ} E.$ , 71 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.A Yellow Pine 12 ins. diam. bears  $N. 44^{\circ} W.$ , 76 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.50.00 Top of Spur, bears  $N. 80^{\circ} E.$  <sup>and</sup>  $S. 80^{\circ} W.$  and descend.70.00 Cross Wash, 30 lks. wide, Course  $S. 80^{\circ} W.$  and ascend.80.00 A Yellow Pine 14 ins. diam. which I marked  
T. 20 <sup>R. 18</sup> S. 6, on N. E. R. 20 S. 7 on  
S. E. S. 12, on S. W. and S. 1 on N. W. faces,  
with 5 notch 20 on S. and 1 notch on ~~W~~ wedges,  
dug pits 18 x 18 x 12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth around tree, for cor. to secs.

1.6. 7. 19, from which

A Yellow Pine 10 ins. diam. bears  $N. 45^{\circ} W.$ , 48 lks. dist.  
marked T. 20 <sup>R. 18</sup> S. 1 B. T.



E. B. T. 20 N. R. / E. G. &amp; S. R. M.

chains.

A Yellow Pine 12 ins. diam. bears S.  $15^{\circ}W$ , 37 lks. dist.  
marked T. 20 N., R. 1 E., S., 12 B. T.

A Yellow Pine 10 ins. diam. bears S.  $38\frac{1}{4}^{\circ}E$ , 146 lks. dist.  
marked T. 20 N., R. 2 E., S., 7 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of Oame and Oak.

---

North between sections 1 and 6.

Variation  $14^{\circ}45'$  East.

Ascend.

30.00 Top of Ridge, bears N.  $80^{\circ}W$ .  $90^{\circ}S$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which

A Yellow Pine 24 ins. diam. bears S.  $5\frac{1}{4}^{\circ}E$ , 34 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 14 ins. diam. bears N.  $87^{\circ}W$ , 43 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

80.26 Intersect the 5<sup>th</sup> Standard Parallel North, at a

E. B. T. 20 N. R. / E. G. & S. R. M.

chains.

point 198' <sup>Dis West</sup> of the Standard Cor. to previously set by me, <sup>at which</sup> point I.

Set a post, 4 1/2 ft. long. 4 ins. square, with marked stone 12 ins. in the ground, for <sup>Closing</sup> Cor. to Tpa. 20H., R's 1 and 2E., marked C. O., T, 20H., on S., R. 2E, S. 6 on E, and R. 1E, S. 1 on W. faces with 6 notches on S., E. & W. faces, and raised a mound of stone 2 1/2 ft. high, 5 ft. base, around post. Pits impracticable.

from which

A Yellow Pine 18 ins. diam. bears S. 50° E, 100 lbs. dist. marked T. 20H, R. 2E, S., 6 B. T.

A White Oak 10 ins. diam. bears S. 12 1/4° W, 49 lbs. dist. marked T. 20H, R. 1E, S., 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine and Juniper.

Undergrowth of same.

W. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

## Chains.

Before proceeding further with the exteriors of this Tps., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

Standard  
From the Cor. to Tps. 21 N. Rs. 1 ~~26~~,  
previously set by me. I run,

North between sections 31 <sup>and</sup> 36.

Variation 14° 45' East.

Descend.

11.50 Cross Wash, 150 yds. wide, Course  $60^{\circ}$  W. and ascend.

40.00 Set a sand stone 14 x 10 x 8 ins., 9 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

A Yellow Pine 16 ins. diam. bears N. 50° W., 39 yds. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

75.00 Top of Ridge, bears N. E.  $\frac{1}{2}$  S. W. and descend.

80.00 Set a sand stone 20 x 14 x 6 ins. 15 ins. in

W. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains:

the ground for Cor. to Secs. 25, 30, 31 <sup>to</sup> 36, marked with 1 notch on S. and 5 notches on W edges and raised a mound of stone. alongside. Pits impracticable.

from which

A White Oak 12 ins. diam. bears N. 70° E, 44 lks. dist. marked T. 21 N, R. 2 E, S., 30 B. T.

A Yellow Pine 30 ins. diam. bears S. 29 1/2° W, 32 lks. dist marked T. 21 N, R. 1 E, S., 36 B. T.

A Yellow Pine 11 ins. diam. bears S. 60° E, 148 lks. dist. marked T. 21 N, R. 2 E, S., 31 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same <sup>and</sup> Juniper.

W. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains.

North between sections 25<sup>and</sup> 30.Variation  $14^{\circ}45'$  East.

Descend.

40.00

Set a Sand stone  $20 \times 10 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 30 ins. diam. bears  $S. 10^{\circ}W$ , 78 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

65.00

Cross Wash, 60 lks. wide, Course  $S. W$  and ascend.

80.00

Set a Sand stone  $19 \times 10 \times 5$  ins. 14 ins. in the ground for Cor. to Secs. 19, 24, 25<sup>and</sup> 30, marked with 2 notches on S. and 4 notches on W edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Cedar 24 ins. diam. bears  $N. 40^{\circ}E$ , 47 lks. dist. marked T. 21 N. R. 2 E. S. 19 B. T.

A Yellow Pine 30 ins. diam. bears  $N. 60^{\circ}W$ , 72 lks. dist. marked T. 21 N. R. 1 E. S. 24 B. T.

A Yellow Pine 12 ins. diam. bears  $S. 24^{\circ}E$ , 86 lks. dist.

W. B. T. 21 N. R. 2 E. G. & S. R. M.

Chains.

marked T. 214, R. 26, S., 30 B. T.

No other tree within limits.

Land mountainous

Soil *3rd* rate,

Heavy timber of Pine, Cedar and Oak,

Undergrowth of same and juniper.

North between sections 19 and 24.

Variation 14°45' East.

Ascend.

24.00 Top of Spur, bears N. 15° E. 2/3 / S. 15° W. and descend.

34.50 Cross Wash, 40 lks. wide; Course S. W. and ascend.

40.00 Set a Sand stone 16 x 14 x 10 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

a White Oak 10 ins. diam. bears N. 40° E., 9 lks. dist.

marked 1/4 S. B. T.

No other tree within limits.

80.00 Set a Sand stone 18 x 10 x 4 ins. 12 ins. in the ground for Cor. to Secs. 13, 18, 19 and 24, marked with 3 notches on S. and 3 notches on W. edges and raised a mound of stone. alongside. Pits impracticable.

W. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains.

from which

A White Oak 30 ins. diam. bears S. 20° E, 70 lbs. dist.  
marked T. 21 N, R. 2 E, S., 19 B. T.

A Yellow Pine 18 ins. diam. bears S. 60 1/2° W, 150 lbs. dist.  
marked T. 21 N, R. 1 E, S., 24 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of ~~saw~~ <sup>and</sup> ~~gum~~ <sup>per</sup>

Chains.

North between sections 1 3<sup>rd</sup> and 18.

Variation 14° 45' East.

Ascend.

25.00 Top of *Butte* *Varo* E. *W* and descend.

40.00 Set a sand stone 20 x 10 x 4 ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

A *Fire* 20 ins. diam. bears N. 25° E., 14 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 14 ins. diam. bears N. 56° W., 26 lks. dist. marked  $\frac{1}{4}$  S. B. T.

57.00 Cross Gulch, 40 lks. wide, Course N. 70° W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 7, 12, 13<sup>rd</sup> and 18 marked T. 21 N. S. 7 on N. E., R. 2 E., S. 18 on S. E., S. 13 on S. W. and S. 12 on N. W. face, with 4 notches on S. and 2 notches on W. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.

from which



chains.

A Yellow Pine 22 ins. diam. bears N. 28° E, 76 lks. dist.  
marked T. 21 N, R. 2 E, S., 7 B. T.

A Yellow Pine 17 ins. diam. bears N. 40° W, 120 lks. dist.  
marked T. 21 N, R. 1 E, S., 12 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same and Juniper.

North between sections 7 and 12.

Variation 14° 45' East.

Ascend.

40.00

Set a Sand stone 14 x 12 x 6 ins., 9  
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W.  
face, and raised a mound of stone alongside. Pits  
impracticable.

from which

A White Oak 14 ins. diam. bears N. 22° E, 40 lks. dist.  
marked 1/4 S. B. T.

No other tree within limits.

70.00

Top of Spur, bears N. 50° W. and N. 50° E. and descend.

Chains.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 and 12,  
 marked T. 21 N. S. 6 on N. E., R. 2 E., S. 7  
 on S. E. <sup>R. 1 E.</sup> S. 12 on S. W. and S. 1 on N. W. face,  
 with 5 notches on S. and 1 notch on W. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 around post.

from which

A Yellow Pine 22 ins. diam. bears N. 38° W., 82 lbs. dist.

marked T. 21 N., R. 1 E., S. 1 B. T.

A Yellow Pine 12 ins. diam. bears N. 22° E., 110 lbs. dist.

marked T. 21 N., R. 2 E., S. 6 B. T.

A White Oak 11 ins. diam. bears S. 17° E., 66 lbs. dist.

marked T. 21 N., R. 2 E., S. 7 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same as juniper.

Chains.

North between sections 1 <sup>and 6.</sup>  
Variation 14° 45' East

Descend.

- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5  $\frac{1}{2}$  ft. dist., and raised a mound of earth 1  $\frac{1}{2}$  ft. high, 3  $\frac{1}{2}$  ft. base around post.
- 72.00 Cross Road, bears N. 50° E. and S. 50° W.
- 76.90 Cross Atlantic & Pacific R. R., bears N. 62° E. and S. 62° W.
- 78.26 Telegraph line, bears N. 62° E. and S. 62° W.
- 80.00 Set a post 4  $\frac{1}{2}$  ft. long, 4 ins. dia., with marked stone, 12 ins. in the ground, for Cor. to Tps. 21 and 22 N., R's 1 and 2 E., S. 21 N. S. 31 on N. E.; R. 2 E., S. 6 on S. E.; S. 21 N., S. 1 on S. W. & R. 1 E., S. 86 on W. 10 feet, marked with 6 notches on each edge, and raised a mound of stone around post. Pits impracticable.  
from which
- A Yellow Pine 10 ins. diam. bears N. 25° E., 26 lks. dist. marked T. 22 N., R. 2 E., S. 31 B. T.
- A Yellow Pine 18 ins. diam. bears S. 12  $\frac{1}{4}$ ° E., 80 lks. dist. marked T. 21 N., R. 2 E., S. 6 B. T.
- A Yellow Pine 10 ins. diam. bears S. 45° W., 40 lks. dist. marked T. 21 N., R. 1 E., S. 1 B. T.

W. B. T. 2, N. R. 2 E. G. & S. R. M.

Chains.

A Yellow Pine 12 ins. diam. bears N. 20° W., 37 lks. dist.

marked T. 22 N. R. 1 E. S. 36 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oaks,

Undergrowth of same and Juniper.

January 10<sup>th</sup> 1883.

W. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

## Chains.

Before proceeding ~~further~~ with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude and found it to be  $35^{\circ} 13' N$ .  
From the Cor. to Tps. 21<sup>and</sup> 22 N. Rs. 1 & 2 E.,  
previously set by me. Iron

North between sections 31<sup>and</sup> 36,  
Variation  $14^{\circ} 48'$  East.

Over rolling land.

- 10.74 Cross Road, bears,  $N. 30^{\circ} E.$  <sup>and</sup>  $S. 30^{\circ} W.$
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face, and raised a mound of stone  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post. Pits impracticable.
- 42.00 Cross Road, bears,  $N. 72^{\circ} W.$  <sup>and</sup>  $S. 72^{\circ} E.$
- 80.00 Set a sand stone  $24 \times 10 \times 6$  ins. 18 ins. in the ground for Cor. to Secs. 25, 30, 31<sup>and</sup> 36, marked with / notch on S. and  $\sigma$  notch  $eo$  on W. edges and raised a mound of stone. alongside Pits impracticable. Land rolling.
- Soil  $3^{rd}$  rate
- Vegetation, Couchgrass <sup>and</sup> vegetation.

W. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

Chains.

North between sections 25 and 30.

Variation  $14^{\circ} 48'$  East.

Ascend.

40.00

Set a Sand stone  $14 \times 12 \times 6$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears  $S. 20^{\circ} E.$ , 13 lbs. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

65.00

Top of Butte, bears N. E.  $\frac{1}{2}$  S. W. and descend.

76.00

Cross low Sag and ascend.

80.00

Set a Sand stone  $24 \times 12 \times 6$  ins., 8 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notches on S. and 4 notches on W. edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 30 ins. diam. bears  $S. 10^{\circ} W.$ , 36 lbs. dist. marked T. 22 N. R. 1 E., S., 25 B. T.

No other tree within limits.  
Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and Sag clump.

W. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

chains.

North between sections 19 <sup>Qu</sup> 24.Variation  $14^{\circ}48'$  East.

Ascend.

26.00 Top of Butte, from N. E. <sup>Qu</sup> S. W. and descend.40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, dug pits 18 x 18 x 12 ins., N and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

from which

A Yellow Pine 30 ins. diam. bears  $N. 30^{\circ}E$ , 62 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 <sup>Qu</sup> 24,  
marked T. 22 N. S. 18, on N. E., R. 2 E., S. 19  
on S. E., S. 24 on S. W., and S. 13 on N. W. faces,  
with 3 notches on S. and 3 notches on W. edges;  
and raised a mound of stone 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post. Pits impracticable. from whichA Yellow Pine 30 ins. diam. bears  $S. 60^{\circ}E$ , 28 lks. dist.  
marked T. 22 N. R. 2 E., S., 19 B. T.

W. B. T. 22 N. R. 2 E. G. & S. R. M.

No. 1386

Chains.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Oaks.

Vegetation, bunchgrass and sagelike.

North between sections 13<sup>th</sup> & 18.

Variation 14° 48' East.

Descend.

40.00 Set a sand stone 20 x 7 x 5 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 14 ins. diam. bears 0° 50' E., 90 lks. dist. marked 1/4 S. B. T.

No other tree within limits.

80.00 Set a sand stone 21 x 10 x 4 ins. 16 ins. in the ground for Cor. to Secs. 7, 12, 13<sup>th</sup> & 18, marked with 4 notches on S. and 2 notches on W. raised a mound of stone. alongside. Pits impracticable. from which



Chains.

2 White Oak 12 ins. diam. bears  $S. 10\frac{1}{4}^{\circ} E$ , 26 lks. dis.  
marked T. 22 N. R. 2 E, S., 18 B. T.

1 White Oak 14 ins. diam. bears  $S. 15^{\circ} W$ , 23 lks. dis.  
marked T. 22 N. R. 1 E, S., 13 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Oak.

Vegetation, bunchgrass and sagebrush.

Mains.

North between sections 7 and 12.

Variation  $14^{\circ}48'$  East.

Descend.

40.00 Set a sand stone  $24 \times 10 \times 5$  ins., 18 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

A Cedar 20 ins. diam. bears  $S. 14^{\circ}W$ , 9 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

70.00 Cross Wash, 30 lks. wide, Course  $N. 15^{\circ}E$  and ascend.

80.00 Set a sand stone  $20 \times 10 \times 5$  ins. 15 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on W. edges and raised a mound of stone alongside. Pits impracticable.

from which

A Cedar 20 ins. diam. bears  $N. 30^{\circ}W$ , 14 lks. dist. marked T. 22 N. R. 1 E. S., 1 B. T.

A Yellow Pine 16 ins. diam. bears  $S. 39\frac{1}{2}^{\circ}E$ , 15 lks. dist. marked T. 22 N. R. 2 E. S., 7 B. T.

No other tree within limits.

118

W. B. T. 22 N. R. 2 E. G. & S. R. M.

Chains.

Land mountainous

Soil 3rd rate

Timber of Pine and Cedar

Vegetation, bunchgrass and vegetation

North between sections 1 & 16

Variation 140° 48' East

Over rolling land.

71.00 Cross Wash, 30 lks. wide, Course N. W.

40.00 Set a sand stone 16 x 10 x 4 ins., 11 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

a Cedar 20 ins. diam. bears N. 30° E., 79 lks. dist. marked 1/2 S. B. T.

No other tree within limits.

80  
80.00 Set a post, 4 1/2 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Tps. 22

23 N., R's 1 and 2 E., marked T. 20 N.

S. 31, on N. E. R. 2 E. S. 6, on S. E. T. 22 U. S. 1

on S. W. and R. 1 E. S. 36, on N. W. faces with 5

W. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

Chains.

notches on each edge, and raised a mound of stone  $2\frac{1}{2}$   
ft. high,  $5\frac{1}{2}$  ft. base around post. Pits impracticable.

from which

A Juniper  $2\frac{1}{2}$  ins. diam. bears  $\phi. 12^{\circ} W.$ , 225 lks. dist.  
marked T. 22 N. R. 1 E. S. 1 B. T.

No other tree within limits.

Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine, Cedar and Juniper.

Vegetation, bunchgrass and sagebrush.

W. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

Chains.

Before proceeding ~~further~~ with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude and found it to be  $35^{\circ} 18'$  North  
From the Cor. to Tps. 22<sup>nd</sup> & 23 N. Rs. 1 & 26,  
previously set by me. Iron

North between sections 31<sup>st</sup> and 36.

Variation  $14^{\circ} 51'$  East.

Over rolling land.

40.00 Set a sandstone  $16 \times 12 \times 4$  ins., 11  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

76.00 To S. bank of Creek, course N. along W. bank.

80.00 Set a sand stone  $18 \times 10 \times 4$  ins. 12 ins. in  
the ground for Cor. to Secs. 25, 30, 31<sup>st</sup> and 36, marked  
with 1 notch on S. and 5 notches on N. edges and  
raised a mound of stone. alongside. Pits impracticable.

Corner set on W. bank of Creek,  
course N.

Chains.

Land rolling.

Soil *3 in* rate.

Timber of *Pine*.

Vegetation, bunchgrass and ragwort.

North between sections 25 and 30.

Variation  $14^{\circ} 51'$  East.

Over rolling land.

25.00

*laterack*  
Cross Creek, 850 lks. wide, Course  $N. 70^{\circ} W.$  and ascend.

40.00

Set a sand stone  $16 \times 10 \times 4$  ins., 11 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

80.00

Set a sand stone  $20 \times 10 \times 5$  ins. 15 ins. in the ground for Cor. to Secs. 19, 24, 25 and 30, marked with 2 notches on S. and 4 notches on W edges and raised a mound of stone. alongside. Pits impracticable. from which

A Pine 12 ins. diam. bears  $S. 28^{\circ} 34' E.$ , 27 lks. dist. marked T. 234 R. 28, S., 30 B. T.

A Pine 14 ins. diam. bears  $S. 80^{\circ} W.$ , 60 lks. dist. marked T. 234, R. 18, S., 25 B. T.

Chains.

No other tree within limits.

Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sedgebrush.

North between sections 19 and 24.

Variation 14° 51' East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base around post.

from which

A Pine 12 ins. diam. bears N. 20° W, 52 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13, 18, 19 and 24, marked T. 23 N. S. 18 on N. E., R. 26°, S. 19 on S. E., S. 24 on S. W. and S. 13 on N. W. faces,

W. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

with 3 notches on S and 3 notches on W edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

from which

A Pine 20 ins. diam. bears  $\text{S. } 40^{\circ} \text{W.}$ , 91 lbs. dist.

marked T. 234, R. 16, S., 24 B. T.

A Juniper 20 ins. diam. bears  $\text{S. } 30^{\circ} \text{E.}$ , 35 lbs. dist.

marked T. 234, R. 26, S., 19 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>m</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.



chains.

North between sections 18<sup>th</sup> and 18.

Variation 14° 51' East.

Ascend.

23.00 Top of Ridge, bears N. 30° W. <sup>2nd</sup> S. 30° E. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post. from which

A Pine 20 ins. diam. bears S. 40° E., 33 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7, 12, 18<sup>th</sup> and 18,  
marked T. 23 N. S. 7 on N. E., R. 2 E., S. 18  
on S. E., S. 18 on S. W. and S. 12 on N. W. faces,  
with 4 notches on S. and 2 notches on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post. from which

A Pine 14 ins. diam. bears N. 30° W., 96 lks. dist.  
marked T. 23 / R. 1 E., S. 12 B. T.

W. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

chains.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

North between sections 7<sup>th</sup> and 12.

Variation, 4° 51' East.

Descend.

40.00

Set a sand stone 14 x 10 x 6 ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 6, 7<sup>th</sup> and 12, marked T. 23 N. S. 6, on N. E., R. 2 E., S. 7 on S. E. <sup>R. 1 E.</sup> 12 on S. W. and S. 1 on N. W. faces, with 5 notch 20 on S. and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base around post.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

W. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

Chains,

North between sections 1 and 6.

Variation  $140^{\circ} 51'$  East.

Descend.

9.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to Tps. 23 and 24 N R's 1 and 26 marked T, 24 N S. 31 on N. E. R. 2 E S: 3 on S. E. T. 23 N S. 1 on S. W, and R. 1 E S, 36 on N, W, faces, with 6 notches on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on each line, N, S, E, and W; of post, 6 ft. dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base

around post,  
Land mountainous

Soil ~~3rd~~ rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

January 11<sup>th</sup> 1883.

N. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 21 & 22 N. Rs. 2 & 3 E., previously described, <sup>of me</sup> I run West on a random line on N. B. of Tp.

Va. 14045' East.

I set temporary corners at every half mile, and at 5 miles 79.25 chs. I arrive at a point 45 lks. South of Cor. to Tps. 21 & 22 N. Rs. 1 & 2 E., from which corner I run  $S. 89^{\circ} 57' E.$  on a true line between sections 6 & 31,

Va. 14048' East.

Descend.

- 4.15 Telegraph line, bears  $N. 60\frac{1}{4}^{\circ} E.$  and  $S. 60\frac{1}{4}^{\circ} W.$
- 5.49 Cross Atlantic & Pacific R. R., bears  $N. 60\frac{1}{4}^{\circ} E.$  and  $S. 60\frac{1}{4}^{\circ} W.$
- 16.25 Cross Road, bears,  $N. 50^{\circ} E.$  and  $S. 50^{\circ} W.$
- 37.25 Cross Wash, 100 lks. wide, Course  $S. 15^{\circ} W.$  and ascend.
- 39.25 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, and raised a mound of stone  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post. Pits impracticable.

U. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains.

79.25 **Set a** Sand stone  $15 \times 14 \times 10$  ins. 10 ins. in  
the ground for Cor. to Secs. 5, 6, 31 & 32, marked  
with 1 notch on W and 5 notches on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
from which

A Yellow Pine 20 ins. diam. bears  $N. 70^{\circ} W$ , 62 lks. dist.  
marked T. 22 N, R. 2 E. S. 31 B. T.

A Yellow Pine 15 ins. diam. bears  $N. 40^{\circ} 1/4^{\circ} E$ , 57 lks. dist.  
marked T. 22 N, R. 2 E. S. 32 B. T.

A Yellow Pine 13 ins. diam. bears  $E. 30^{\circ} W$ , 47 lks. dist.  
marked T. 21 N, R. 2 E. S. 6 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak,

Undergrowth of Oame.

✓

N. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains.

S. 89° 57' E. on a true line between sections 5<sup>th</sup> & 32.

Va. 14° 48' East.

Ascend.

40.00 Set a sand stone 30 x 16 x 12 ins., 22 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

a Yellow Pine 12 ins. diam. bears  $V. 44^{\circ} 34' W.$ , 33 lbs. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

54.00 Top of Ridge, bears  $N. 30^{\circ} W.$  &  $N. 30^{\circ} E.$  and descend.

80.00 Set a sand stone 16 x 14 x 12 ins., 11 ins. in the ground for Cor. to Secs. 4, 5, 32 & 33, marked with 2 notches on W and 4 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. from which

a Yellow Pine 20 ins. diam. bears  $N. 20^{\circ} E.$ , 26 lbs. dist. marked T. 22 N, R. 2 E, S., 33 B. T.

a Yellow Pine 12 ins. diam. bears  $N. 70^{\circ} W.$ , 144 lbs. dist. marked T. 22 N, R. 2 E, S., 32 B. T.

a White Oak 12 ins. diam. bears  $V. 49^{\circ} 12' E.$ , 40 lbs. dist. marked T. 21 N, R. 2 E, S., 14 B. T.

ains.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same and Juniper.

---

S. 89° 57' E. on a true line between sections 4 and 33.

Va. 14° 48' East.

Descend.

21.10 Cross Wash, 90 lks. wide, Course N. 20° E. and ascend.

38.00 Top of Ridge, bears N. 40° E. and descend.

40.00 Set a Sand stone 20 x 18 x 7 ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 16 ins. diam. bears S. 45° W., 41 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A White Oak 10 ins. diam. bears S. 87° E., 28 lks. dist. marked  $\frac{1}{4}$  S. B. T.

55.20 Cross Wash, 200 lks. wide, Course N. 20° W. and ascend.

N. B. T. 21 N. R. 2 E. G. & S. R. M.

chains.

- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 3, 4, 33<sup>on</sup> 34,  
 marked T. 224, S. 34, on N. E., R. 2 E., S. 3  
 on S. E., S. <sup>8 21 N.</sup> 4 on S. W. and S. 33 on N. W. face,  
 with 3 notches on ~~W~~ and 3 notches on E. edges;  
 and raised a mound of stone 2 ft. high, 4½ ft. base  
 around post. Pits impracticable. from which
- A Yellow Pine 18 ins. diam. bears N. 65° W, 68 lbs. dist.  
 marked T. 224, R. 2 E., S., 33 B. T.
- A Yellow Pine 20 ins. diam. bears S. 40° W, 38 lbs. dist.  
 marked T. 214, R. 2 E., S., 4 B. T.
- A Yellow Pine 12 ins. diam. bears S. 17¼° E, 146 lbs. dist.  
 marked T. 214, R. 2 E., S., 3 B. T.
- No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of cane and Juniper.



N. B. T. 21 N. R. 2 E. G. & S. R. M.

Chains.

S. 89° 57' E on a true line between sections 34 & 34, Va. 14° 48' East.

Ascend.

- 9.00 Top of Spur, bears N. 45° S. and descend.
- 28.30 Cross Road, bears N. 60° E. & S. 60° W.
- 29.30 Cross Wash, 80 lks. wide, Course S. 60° W. and ascend.
- 40.00 Set a sand stone 16 x 15 x 10 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.  
from which
- A Yellow Pine 12 ins. diam. bears N. 60° W., 36 lks. dist. marked 1/4 S. B. T.
- A Yellow Pine 11 ins. diam. bears S. 33° E., 38 lks. dist. marked 1/4 S. B. T.
- 60.00 Top of Butte bears N. 30° W. & S. 30° E. and descend.
- 80.00 Set a sand stone 16 x 12 x 8 ins. 11 ins. in the ground for Cor. to Secs. 2, 3, 34 & 35, marked with 4 notches on W and 2 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.  
from which
- A White Oak 10 ins. diam. bears N. 79 1/2° E., 35 lks. dist.

Q. B. T. 21 N. R. 2 E. G. &amp; S. R. M.

Chains.

marked T. 224 R. 2 E, S., 35 B. T.

A White Oak 11 ins. diam. bears N. 10° W., 24 lks. dist.

marked T. 224, R. 2 E, S., 34 B. T.

A Yellow Pine 16 ins. diam. bears S. 80° E., 68 lks. dist.

marked T. 217, R. 2 E, S., 2 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same and juniper.

Chains.

S. 89° 57' E. on a true line between sections 35 and 36.

Va. 14° 48' East.

Descend.

21.00 Cross Road, bears N. 40° E. and S. 40° W.

40.00 Set a sand stone 14 x 10 x 8 ins., 9 ins. in the ground, for 1/2 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone alongside. Pits impracticable.

from which

A Yellow Pine 12 ins. diam. bears N. 45 1/2° W., 41 lbs. dist. marked 1/4 S. B. T.

A White Oak 10 ins. diam. bears S. 5 1/4° E., 107 lbs. dist. marked 1/4 S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 2, 35 and 36, marked T. 224. S. 36, on N. E., R. 2 E, S. 1 on S. E., S. 2 on S. W, and S. 35 on N. W. faces, with 5 notches on W and 1 notch on E. edges; and raised a mound of stone 2 ft. high, 4 1/2 ft. base around post. Pits impracticable. from which

A White Oak 10 ins. diam. bears N. 25° E., 71 lbs. dist. marked T. 224, R. 2 E, S., 36 B. T.

N. B. T. 21 N. R. 2 E. G. & S. R. M.

Chains.

A Yellow Pine 30 ins. diam. bears  $S. 87^{\circ} W$ , 26 lks. dist.  
marked T. 21 N. R. 2 E. S. 2 B. T.

A Yellow Pine 20 ins. diam. bears  $S. 15^{\circ} E$ , 114 lks. dist.  
marked T. 21 N. R. 2 E. S. 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine & Oak,

Undergrowth of same & Juniper.

$S. 89^{\circ} 54' E$  on a true line between sections 1 & 36,

$Pa. 14^{\circ} 46'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face; from which

A Yellow Pine 13 ins. diam. bears  $N. 60^{\circ} W$ , 125 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 30 ins. diam. bears  $S. 65^{\circ} E$ , 88 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

48.00 Leave Timber, Bears. N.  $\frac{1}{4}$  S.

80.00 The Cor. to Tps. 21 & 22 N. Rs. 21 & 30 E. from which  
Land mountainous, Soil 3<sup>rd</sup> rate.  
Heavy timber of Pine & Oak & undergrowth of same.

January 15<sup>th</sup> 1883.

From the Cor. to Tps. 21 <sup>and</sup> 22 N. Rs. 3 & 4 E.

previously described. *Iron*

North between sections 31 <sup>and</sup> 32.

Variation  $14^{\circ} 45'$  East.

Ascend.

40.00

Set a sand stone  $16 \times 12 \times 5$  ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone, alongside. Pits impracticable.

80.00

Set a sand stone  $20 \times 10 \times 6$  ins. 15 ins. in the ground for Cor. to Secs. 25, 30, 31 <sup>and</sup> 36, marked with 1 notch on S. and 5 notches on W. edges and raised a mound of stone, alongside. Pits impracticable, from which

A Yellow Pine 48 ins. diam. bears S.  $20^{\circ}$  E., 230 lbs. dist.

marked T. 22 N. R. 4 E., S., 31 B. T.

No other tree within limits.

Land rolling.

Soil *3m* rate.

Timber of Pine.

Vegetation, bunchgrass <sup>and</sup> sagebrush.

E. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

ains.

North between sections 25<sup>and</sup> 30.Variation  $14^{\circ} 45'$  East.

Descend.

5.00 Cross Wash, 60 lks. wide, Course  $S. 30^{\circ} W$  and ascend.40.00 Set a sand stone  $20 \times 12 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.69.00 Top of Spur, bears  $N. W. \frac{1}{4}$  S. E. and descend.80.00 Set a sand stone  $24 \times 10 \times 5$  ins. 18 ins. in the ground for Cor. to Secs. 19, 24, 25<sup>and</sup> 30, marked with 2 notches on S. and 4 notches on W edges and raised a mound of stone. alongside. Pits impracticable.  
Land mountainousSoil 3<sup>rd</sup> rate.

Timber of Pine,

Vegetation, bunchgrass and sagebrush.

E. B. T. 22 N. R. 3 E. G. & S. R. M.

Chains

North between sections 19<sup>and</sup> 24.

Variation 14° 45' East.

Descend.

13.00 Cross Wash, 70 lks. wide, Course 4.20<sup>W</sup> and ascend.

40.00 Set a Sand stone 16 x 10 x 5 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

70.00 80.00 Set a <sup>edge of dry lake,</sup> Sand stone 24 x 10 x 4 ins. 18 ins. in the ground for Cor. to Secs. 13, 18, 19<sup>and</sup> 24 marked with 3 notches on S. and 3 notches on W edges and raised a mound of stone. alongside. Pits impracticable. from which

A Yellow Pine 20 ins. diam. bears 21.15<sup>W</sup>, 472 lks. dist. marked T. 22 N. R. 3 E. S. 13 B. T.

No other tree within limits.

Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and Sagelmeat.

## E. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

Chains.

North between sections 13<sup>rd</sup> & 18.Variation  $14^{\circ}45'$  East.

Over rolling land.

40.00

Set a sand stone  $16 \times 10 \times 6$  ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears  $S. 40^{\circ}W$ , 28 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00

A Yellow Pine 16 ins. diam.

which I marked  $T. 22 N. S. 7$  on N. E. R.  $4 E. S. 18$  on S. E. S.  $13$  on S. W. and S.  $12$  on N. W. faces, with 4 notches on S. and 2 notches on W. edges, for

Cor. to Secs. 7-12-13<sup>rd</sup> 18 from which

A Yellow Pine 15 ins. diam. bears  $N. 35^{\circ}W$ , 8 lks. dist. marked T. 22 N., R. 3 E., S., 12 B. T.

A Yellow Pine 40 ins. diam. bears  $N. 60^{\circ}E$ , 87 lks. dist.

marked T. 22 N., R. 4 E., S., 18 B. T.

A Yellow Pine 13 ins. diam. bears  $S. 39^{\circ}W$ , 8 lks. dist.

marked T. 22 N., R. 2 E., S., 12 B. T.



Chains.

No other tree within limits.

Land rolling.

Soil *3rd* rate.

Timber of *Pine*.

Vegetation, bunchgrass *and* sagebrush

---

North between sections 7 *and* 12.

Variation  $14^{\circ} 45'$  East.

Ascend.

4.81 Cross Road, bears,  $N. 30^{\circ} E.$  *and*  $S. 30^{\circ} W.$

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which

A Yellow Pine 20 ins. diam. bears  $N. 15^{\circ} W.$ , 36 lks. dist. marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 20 ins. diam. bears  $N. 30^{\circ} E.$ , 40 lks. dist. marked  $\frac{1}{2}$  S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 *and* 12, marked T. 22 N. S. 6, on N. E., R. 4 E., S. 7 on S. E. <sup>638.</sup> S. 12 on S. W. and S. 1 on N. W. faces, with 5 notches on S. and 1 notch on N. edges;

E. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

ins.

dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post. from which

A White Oak 12 ins. diam. bears N. 20° E, 25 lbs. dist.  
marked T. 22 N, R. 4 E, S, 6 B. T.

A Yellow Pine 20 ins. diam. bears S. 30° E, 17 lbs. dist.  
marked T. 22 N, R. 4 E, S, 7 B. T.

A Yellow Pine 20 ins. diam. bears S. 24 ¼° W, 30 lbs. dist.  
marked T. 22 N, R. 3 E, S, 12 B. T.

No other tree within limits.

Land rolling.

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same and Juniper.

E. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

## Chains.

North between sections / <sup>and</sup> 6.Variation  $14^{\circ}45'$  East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from whichA Yellow Pine 36 ins. diam. bears  $S 20^{\circ} E$ , 70 lbs. dist. marked  $\frac{1}{2}$  S. B. T.A Yellow Pine 30 ins. diam. bears  $N. 22^{\circ} W$ , 83 lbs. dist. marked  $\frac{1}{2}$  S. B. T.

80.00

Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Tps. 22 and 23 N, R's 3 and 4 E. marked T, 23 N S. 31 on N. E. R. 4 E S. 6 on S. E. T. 22 N, S. 1 on S, W, and R, 3 E. S, 36 on N, W, faces, with 6 notches on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on each line, N, S, E, and W, of post, 6 ft. dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base around post,

from which

A White Oak 12 ins. diam. bears  $N. 49\frac{1}{2}^{\circ} E$ , 39 lbs. dist. marked T. 23 N, R. 4 E, S., 31 B. T.

13

E. B. T. 22 N. R. 3 E. G. & S. R. M.

Chains.

1 Yellow Pine 30 ins. diam. bears N. 40° W., 87 lbs. dist.  
marked T. 23 N., R. 3 E., S., 36 B. T.

1 Yellow Pine 30 ins. diam. bears U. 50° W., 103 lbs. dist.  
marked T. 22 N., R. 3 E., S., 1 B. T.

No other tree within limits.

Land rolling.

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of Sassafras and Juniper.

I carefully examined the adjustments of my solar  
compass to-day, particularly the latitude and revers-  
ing apparatus, and found them correct.

January 17<sup>th</sup> 1883.

E. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

Chains.

From the Cor. to Tps. 21<sup>and</sup> 22 N. Rs. 2 & 3 E.,  
previously described. by <sup>W. J. Iron</sup>

North between sections 31<sup>and</sup> 36.

Variation  $14^{\circ}45'$  East.

Over rolling land.

4.57 Cross Fence, bears, E. <sup>and</sup> W.

21.23 Cross W. & P. R. R., bears  $N. 78^{\circ} W.$  <sup>and</sup>  $S. 78^{\circ} E.$

40.00 Set a sand stone  $24 \times 10 \times 4$  ins., 18  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

80.00 Set a sand stone  $24 \times 10 \times 5$  ins. 18 ins. in  
the ground for Cor. to Secs. 25, 30, 31<sup>and</sup> 36, marked  
with 1 notch on S. and 5 notches on N edges and  
raised a mound of stone. alongside. Pits impracticable.  
Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation, bunchgrass <sup>and</sup> sagebrush.

E. B. T. 22 N. R. 2 E. G. & S. R. M.

Chains.

North between sections 25<sup>and</sup> 30.

Variation 14° 45' East.

Over rolling land.

26.00 Cross Road, bears N. 70° E. <sup>and</sup> S. 70° W.

40.00 Set a Sand stone 20 x 10 x 4 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

49.50 Leave Valley, bears E. <sup>and</sup> W. and ascend.

80.00 Set a Sand stone 24 x 12 x 6 ins. 18 ins. in the ground for Cor. to Secs. 19, 24, 25<sup>and</sup> 30, marked with 2 notches on S. and 4 notches on W edges and raised a mound of stone. alongside. Pits impracticable. Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation, bunchgrass <sup>and</sup> sagebrush

E. B. T. 22N. R. 2 E. G. &amp; S. R. M.

Chains.

North between sections 19<sup>th</sup> and 24<sup>th</sup>.Variation  $14^{\circ}45'$  East.

Ascend.

10.00 Enter Timber, Bears N. E. <sup>2nd</sup> and S. W.40.00 Set a Sand stone  $14 \times 12 \times 6$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 40 ins. diam. bears  $\text{S } 50^{\circ} \text{ E}$ , 59 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

70.00 Top of Ridge, bears N.  $70^{\circ} \text{ E}$  <sup>2nd</sup> and descend.80.00 Set a Sand stone  $24 \times 12 \times 5$  ins. 18 ins. in the ground for Cor. to Secs. 13, 18, 19<sup>th</sup> and 24<sup>th</sup>, marked with 3 notches on S. and 3 notches on N edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 24 ins. diam. bears  $\text{S } 40^{\circ} \text{ E}$ , 42 lks. dist. marked T. 22N., R. 3E, S., 19 B. T.A Yellow Pine 20 ins. diam. bears N.  $47^{\circ} \text{ W}$ , 14 lks. dist. marked T. 22N., R. 2E, S., 13 B. T.

E. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

Chains.

A Yellow Pine 24 ins. diam. bears N. 30° E., 31 lks. dist.  
marked T. 22<sup>nd</sup>, R. 3 E., S., 18 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Oak.

Vegetation, bunchgrass and sagebrush.

North between sections 13<sup>th</sup> and 18.

Variation 14045' East.

Descend.

40.00 Set a Sand stone 20 x 10 x 5 ins., 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable. Corner set on S. edge  
of Valley, bears N. 70° E. and S. 70° W.

80.00 Set a Sand stone 18 x 12 x 6 ins. 12 ins. in  
the ground for Cor. to Secs. 7, 12, 13<sup>th</sup> and 18, marked  
with 4 notches on S. and 2 notches on W edges and  
raised a mound of stone. alongside, Pits impracticable.  
Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.



Chains.

North between sections 7 and 12.

Variation  $14^{\circ}45'$  East.

Over rolling land.

40.00

Set a Sand stone  $24 \times 10 \times 4$  ins., 18 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

58.00

Cross Wash, 30 lks. wide, Course N. W.

80.00

Set a Sand stone  $20 \times 11 \times 5$  ins. 15 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on W edges and raised a mound of stone. alongside. Pits impracticable. Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.

Chains.

North between sections / <sup>the</sup> 6.

Variation  $14^{\circ}45'$  East.

Over rolling land.

10.00 Leave Valley, bears N.E. <sup>2nd</sup> and W. and ascend.

40.00 Set a Sand stone  $16 \times 10 \times 6$  ins., 11 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable. Cor. set on

Top of Spur, bears E. <sup>2nd</sup> and W. and descend.

80.00 Set a Sand stone  $24 \times 12 \times 6$  ins. 18 ins. in the ground, for Cor. to Tps. 22 and 23N, R's 2 and 3E, marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 18 ins. diam. bears N.  $70^{\circ}E$ , 187 lks. dist. marked T. 23N, R. 3E, S. 31 B. T.

A Yellow Pine 20 ins. diam. bears S.  $40^{\circ}W$ , 45 lks. dist. marked T. 22N, R. 2E, S. 1 B. T.

A Juniper 20 ins. diam. bears S.  $25^{\circ}E$ , 145 lks. dist. marked T. 22N, R. 3E, S. 6 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Chains.

Timber of Pine,  
Vegetation, Couchgrasses and agaves.

I carefully examined the adjustments of my solar  
compass to-day, particularly the latitude and revers-  
ing apparatus, and found them correct.

January 18<sup>th</sup> - 1883.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 22 & 23 N, Rs. 2 & 3 E, previously set by me, I run West on a random line on N. B. of Tp.

Va.  $14^{\circ}48'$  East.

I set temporary corners at every half mile, and at 5 miles

78.75 chs. I arrive at a point 60 lks. North of Cor. to Tps, previously set by me.

22 & 23 N, Rs. 1 & 2 E, from which corner I run  $N. 87^{\circ}56' E$ , on a true line between sections 6 & 31.

Va.  $14^{\circ}51'$  East.

Ascend.

35.00 Top of Ridge, bears  $N. 10^{\circ} W$ ,  $E. 10^{\circ} E$ , and descend.

38.75 Set a sand stone  $20 \times 10 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

78.75 Set a sand stone  $20 \times 12 \times 6$  ins. 15 ins. in the ground for Cor. to Secs. 5, 6, 31 and 32, marked with 1 notch on N and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

N. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

chains.

Land rolling.

Soil 3<sup>rd</sup> rateVegetation, bunchgrass <sup>and</sup> sagebrush.

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 N. 89° 56' E. on a true line between sections 32 <sup>and</sup> 33.

Va. 14° 51' East.

Descend.

40.00 Set a sand stone 16 x 9 x 4 ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

49.70 Cross Wash, 120 lks. wide, Course N. 10° W. and ascend.

80.00 Set a sand stone 20 x 10 x 6 ins. 15 ins. in the ground for Cor. to Secs. 4, 5, 32 <sup>and</sup> 33, marked with 2 notches on N. and 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass <sup>and</sup> sagebrush.

## N. B. T. 22 N. R. 2 E. G. &amp; S. R. M.

Chains.

9.8756' E. on a true line between sections 4 and 33.

Va. 14° 51' East.

Ascend.

30.00 Top of Ridge, bears  $N. 50^{\circ} E. \frac{3}{4} m$  S. 50' W. and descend.

40.00 Set a Sand stone  $14 \times 12 \times 6$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears  $N. 30^{\circ} E.$ , 56 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

47.00 Cross Wash, 170 lks. wide, Course  $N. 15^{\circ} W.$  and ascend.

80.00 Set a Sand stone  $16 \times 12 \times 4$  ins. 11 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W. and 3 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.

A. B. T. 22 N. R. 2 E. G. & S. R. M.

Chains.

A. 89° 56' E. on a true line between sections 3 and 34.  
Va. 14° 51' East.

Ascend.

40.00 Set a Sand stone 16 x 10 x 6 ins., 11 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, and raised a mound of stone. alongside. Pits impracticable.

57.00 Top of Ridge, bears N. 20° E. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 2, 3, 34 and 35, marked T. 23 N. S. 35, on N. E., R. 2 E., S. 2 on S. E. S. 3 on S. W. and S. 34 on N. W. faces, with 4 notches on W. and 2 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

from which

a Yellow Pine 20 ins. diam. bears N. 30° E., 49 lks. dist. marked T. 23 N., R. 2 E., S., 35 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of Pine.

Vegetation, bunchgrass and oregonia.

Chains.

N. 89° 56' E. on a true line between sections 2<sup>nd</sup> & 35<sup>th</sup>

Va. 14° 51' East.

Descend.

40.00 Set a Sand stone 16 x 12 x 4 ins., 11  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

80.00 Set a Sand stone 24 x 10 x 6 ins. 18 ins. in  
the ground for Cor. to Secs. 1, 2, 35<sup>th</sup> & 36, marked  
with 5 notches on W and 1 notch on E. edges and  
raised a mound of stone. alongside, Pits impracticable.  
Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass & Sagelimon.



T. 22 N. R. 2 E. G. & S. R. M.

Chains.

N. 89° 56' E, on a true line between sections 1<sup>st</sup> 36.  
Va. 14° 51' East.

Descend.

40.00 Set a Sand stone 20 x 9 x 4 ins., 15  
ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

60.00 Cross Wash, 30 lks. wide, Course N. and ascend.

80.00 The Cor. to Tps. 22<sup>nd</sup> 23 N. Rs. 2 & 3 E.  
from which I started  
Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine,

Vegetation, bunch grass & sagebrush.

January 19<sup>th</sup> 1883.

87

A. B. T. 22 N. R. 3 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 22 & 23 N, Rs. 2 & 3 E,  
previously set by me.

I run East. on a random line on N. B. of Tp.

22 N 3 E Va. 140° 48' East.

I set temporary corners at every half mile, and at 5 miles

78.60 chs. I arrive at a point 84 lks. South of Cor. to Tps,  
previously set by me.

22 & 23 N, Rs. 3 & 4 E, from which corner I run

S. 89° 54' W. on a true line between sections 1 & 36,

Va. 140° 45' East.

Ascend.

9.25 Top of Butte bears N. W.  $\frac{1}{2}$  S. 06 and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on N. face; from which

A Yellow Pine 20 ins. diam. bears N. 60° E, 27 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 14 ins. diam. bears S. 30° W, 44 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 1, 2, 35  $\frac{1}{2}$  S. 06,

marked T. 23 N. S. 36, on N. E., R. 3 E, S. 1

<sup>0.22 N.</sup>  
on S. E., S. 2 on S. W. and S. 35 on N. W. face,

with 5 notch  $\frac{1}{2}$  on W and 1 notch on E. edges;

dug pits, 18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{2}$  ft. dist.,

and raised a mound of earth 2 ft. high, 4  $\frac{1}{2}$  ft. base  
around post.

N. A. T. 22 N. R. 3 E. G. & S. R. M.

Chains.

from which

A Yellow Pine 12 ins. diam. bears N. 25° E, 30 lks. dist.  
marked T. 22 N, R. 3 E, S., 36 B. T.

A Yellow Pine 14 ins. diam. bears S. 50° W, 40 lks. dist.  
marked T. 22 N, R. 3 E, S., 2 B. T.

A Yellow Pine 20 ins. diam. bears S. 20° E, 57 lks. dist.  
marked T. 22 N, R. 3 E, S., 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>m</sup> rate,

Heavy timber of Pine.

Undergrowth of same and Oak.

Chains.

S. 89° 54' W. on a true line between sections 2<sup>nd</sup> & 35.

Va. 14° 48' East.

Descend.

39.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base around post. from which

A Yellow Pine 30 ins. diam. bears N. 15° E., 106 lbs. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

66.50 Top of Butte bears N. W. <sup>2nd</sup> & N. E. and descend.

80.00 Set a sand stone 24 x 10 x 6 ins. 18 ins. in the ground for Cor. to Secs. 2, 3, 34<sup>th</sup> & 35, marked with 4 notches on W and 2 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which

A White Oak 14 ins. diam. bears N. 30° W., 46 lbs. dist. marked T. 22 N., R. 3 E., S., 34 B. T.

A Yellow Pine 20 ins. diam. bears S. 25° W., 72 lbs. dist. marked T. 22 N., R. 3 E., S., 3 B. T.

A. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

## Chains.

1 Yellow Pine 12 ins. diam. bears  $S. 17^{\circ} 14' E.$ , 180 lks. dist.  
marked T. 22 N. R. 3 E. S., 2 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of Sassafras and Juniper.

$S. 89^{\circ} 54' W.$  on a true line between sections 3<sup>rd</sup> and 34.

$Va. 14^{\circ} 48'$  East.

Descend.

29.30 Cross low Sag and ascend.

40.00 Set a sand stone  $14 \times 10 \times 8$  ins., 9  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

1 Yellow Pine 20 ins. diam. bears  $N. 80^{\circ} E.$ , 80 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

60.00 Top of Spur, bears N. E. ~~and~~ W. and descend.

80.00 Set a sand stone  $24 \times 10 \times 4$  ins. 18 ins. in  
the ground for Cor. to Secs. 3, 4, 35<sup>th</sup> and 34, marked  
with 3 notches on N. and 3 notch 20 on E. edges and  
raised a mound of stone. alongside, Pits impracticable.

N. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

Chains.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.

$N. 89^{\circ} 54' W.$  on a true line between sections 4 <sup>and</sup> 33.

$Pa. 14^{\circ} 48'$  East.

Descend.

40.00 Set a sand stone  $16 \times 10 \times 5$  ins., 11  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
 face, and raised a mound of stone. alongside. Pits  
 impracticable.

75.50 Cross Wash, 50 lks. wide. Course N.W. and ascend

80.00 Set a sand stone  $20 \times 10 \times 4$  ins. 15 ins. in  
 the ground for Cor. to Secs. 4, 5, 32 <sup>and</sup> 33, marked  
 with 2 notches on N. and 4 notches on E. edges and  
 raised a mound of stone. alongside. Pits impracticable.  
 Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.

Chains.

S. 89° 54' W. on a true line between sections 5<sup>W</sup> 32.

Va. 14° 48' East.

Ascend.

19.00 Cross Road, bears, N. 10° W. <sup>5'</sup> and S. 10° E.

40.00 Set a sand stone 16 x 12 x 5 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.

62.00 Top of Spur, bears N. and S. and descend.

76.00 Cross low Sag and ascend.

80.00 Set a sand stone 16 x 10 x 6 ins. 11 ins. in the ground for Cor. to Secs. 5, 6, 31 <sup>and</sup> 32, marked with 1 notch on W and 5 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. Land mountainous

Soil 3<sup>m</sup> rate.

Timber of Pine.

Vegetation, bunchgrass <sup>and</sup> sagebrush.

H. B. T. 22 N. R. 3 E. G. &amp; S. R. M.

chains.

N.  $89^{\circ} 54' W$  on a true line between sections 6 & 31.

Va.  $14^{\circ} 48'$  East.

Ascend.

40.00 Set a Sand stone  $14 \times 10 \times 6$  ins., 9  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable. Corner set on  
Top of Spur, bears N. W.  $\frac{3}{4}$  / N. E. and descend.

78.60 The Cor. to Tps. 22<sup>nd</sup> 23 N. Rs. 2 & 3 E.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.  
I carefully examined the adjustments of my solar  
compass to-day, particularly the latitude and revers-  
ing apparatus, and found them correct.

January 20<sup>th</sup> 1883.



Chains.

From the Cor. to Tps 22<sup>nd</sup> & 3<sup>rd</sup> North Rs. 3<sup>rd</sup> & 4<sup>th</sup> E  
 previously set by me I run  
 North between sections 31<sup>st</sup> & 36.

Variation  $14^{\circ}45'$  East.

Ascend.

10.00 Top of Spur, bears N. E.  $2^{\circ}$  N. W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post. from which

A Yellow Pine 16 ins. diam. bears  $N. 20^{\circ} W.$ , 15 lks. dist  
 marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

73.50 Cross Gulch, 20 lks. wide, Course  $N. 60^{\circ} W.$  and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 25, 30, 31<sup>st</sup> & 36,  
 marked T. 23 N. S. 30, on N. E., R. 4 E., S. 31  
 on S. E. S. 36 on S. W and S. 25 on N. W. faces,  
 with  $\wedge$  notch on S. and  $\vee$  notch on W edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

from which

A Yellow Pine 24 ins. diam. bears  $N. 40^{\circ} E.$ , 78 lks. dist

E. B. T. 23 N. R. 3 E. G. &amp; S. R. M.

marked T. 23M, R. 4 E, S., 30 B. T.

A Yellow Pine 20 ins. diam. bears N. 50° W, 62 lbs. dist.

marked T. 23M, R. 3 E, S., 25 B. T.

A Yellow Pine 30 ins. diam. bears S. 52° W, 60 lbs. dist.

marked T. 23M, R. 3 E, S., 36 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same and Oak.

Chains;

North between sections 25<sup>and</sup> 30,

Variation  $14^{\circ}45'$  East.

Ascend.

38.00 Top of Spur, bears E. <sup>and</sup> W. and descend.

40.00 Set a Sand stone  $20 \times 10 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

1 Fir 20 ins. diam. bears  $91.40^{\circ}E$ , 27 lbs. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

60.00 Cross Gulch, 30 lks. wide, Course  $S. 60^{\circ}W$ , and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 19, 24, 25<sup>and</sup> 30, marked T. 23 N. S. 19, on N. E., R. 4 E., S. 30 on S. E. <sup>R. 28</sup> S. 25 on S. W. and S. 24 on N. W. faces, with 2 notch  $20$  on S. and 4 notch  $20$  on ~~N~~ edges, dug pits,  $18 \times 18 \times 12$  ins. in each Sec., 54 ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

from which

1 Yellow Pine 20 ins. diam. bears  $S. 15^{\circ}E$ , 65 lbs. dist.

E. B. T. 23 N. R. 3 E. G. &amp; S. R. M.

Chains.

marked T. 23N, R. 4E, S., 30 B. T.

A Yellow Pine 20 ins. diam. bears S. 12° W., 52 lbs. dist.

marked T. 23N, R. 3E, S., 25 B. T.

A Fir 12 ins. diam. bears N. 40° W., 31 lbs. dist.

marked T. 23N, R. 3E, S., 24 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir and Oak.

Undergrowth of same and juniper.

E. B. T. 23 N. R. 3 E. G. & S. R. M.

Chains.

North between sections 19 and 24.

Variation 14° 45' East.

Ascend.

6.00 Top of Spur, bears E. and W. and descend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for 1/2 Sec. Cor.; marked 1/2 S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post. from which

A Yellow Pine 20 ins. diam. bears N. 80° W., 7 lks. dist. marked 1/2 S. B. T.

No other tree within limits.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 13, 16, 19 & 24, marked T. 23 N. S. 18, on N. E., R. 4 E, S. 19 on S. E. S. 24 on S. W. and S. 13 on N. W. faces, with 3 notches on S. and 3 notches on W. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

from which

A Yellow Pine 30 ins. diam. bears N. 87 1/2° E, 6 1/2 lks. dist. marked T. 23 N., R. 4 E, S. 18 B. T.

E. B. T. 23 N. R. 3 E. G. & S. R. M.

Chains.

1 Yellow Pine 40 ins. diam. bears  $N. 31^{\circ} W.$ , 85 lks. dist.  
marked T. 23  $\frac{1}{2}$ , R. 3 E, S., 13 B. T.

1 Yellow Pine 18 ins. diam. bears  $S. 62^{\circ} W.$ , 140 lks. dist.  
marked T. 23  $\frac{1}{2}$ , R. 3 E, S., 24 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same and Juniper.

North between sections 13 and 18.

Variation  $14^{\circ} 45'$  East.

Descend.

36.00 Cross Wash, 40 lks. wide, Course  $N. 60^{\circ} W.$  and ascend.

41.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which

1 Yellow Pine 30 ins. diam. bears  $N. 38^{\circ} \frac{1}{2} E.$ , 37 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

1 Yellow Pine 25 ins. diam. bears  $N. 56^{\circ} W.$ , 130 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

80.00 Set a sand stone  $24 \times 10 \times 4$  ins.  $18$  ins. in

E. B. T. 23 N. R. 3 E. G. & S. R. M.

Chains.

the ground for Cor. to Secs. 7, 12, 13<sup>and</sup> 18, marked with 4 notches on S. and 2 notched on N edges and raised a mound of stone. alongside. Pits impracticable.

from which

1 Yellow Pine 24 ins. diam. bears N. 9 1/2° W, 54 lbs. dist. marked T. 23N, R. 3E, S., 12 B. T.

1 Yellow Pine 30 ins. diam. bears S. 15° W, 160 lbs. dist. marked T. 23N, R. 3E, S., 13 B. T.

1 Cedar 24 ins. diam. bears S. 15 1/2° E, 139 lbs. dist. marked T. 23N, R. 4E, S., 18 B. F.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine<sup>and</sup> Cedar.

Undergrowth of same<sup>and</sup> juniper.

Chains.

North between sections 7 and 12.

Variation 14° 45' East.

Ascend.

40.00

Set a sand stone 20 x 12 x 4 ins., 15 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

1 Cedar 20 ins. diam. bears N. 15 1/4° E., 95 lbs. dist. marked 1/4 S. B. T.

No other tree within limits.

72.00

Top of Ridge, bears N. 60° W. W. 160° E. and descend.

80.00

Set a sand stone 20 x 12 x 5 ins. 15 ins. in the ground for Cor. to Secs. 11 & 12, marked with 5 notches on S. and 1 notch on W. edges and raised a mound of stone. alongside. Pits impracticable.

from which

1 Yellow Pine 24 ins. diam. bears N. 7 1/4° E., 57 lbs. dist. marked T. 23 N. R. 3 E. S., 6 B. T.

1 Yellow Pine 40 ins. diam. bears S. 60° W., 133 lbs. dist. marked T. 23 N. R. 3 E. S., 12 B. T.

1 Yellow Pine 14 ins. diam. bears S. 56 1/4° E., 16 lbs. dist.



C. B. T. 23 N. R. 3 E. G. & S. R. M.

Chains.

marked T. 23<sup>1/2</sup>, R. 4 E., S., 7 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir and Cedar,

Undergrowth of sage and Juniper.

North between sections 1<sup>st</sup> & 6.

Variation 14° 45' East.

Descend.

36.71 Cross Road, bears, N. 45° W. <sup>1/4</sup> S. O. 45° E.

40.00 Set a quad stone 16 x 12 x 4 ins., 11 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 16 ins. diam. bears N. 37° E., 186 lks. dist. marked 1/2 S. B. T.

No other tree within limits.

80.00 Set a quad stone 24 x 14 x 5 ins. 18 ins. in the ground, for Cor. to Tps. 23 and 24<sup>1/2</sup>, R's 3 and 4 E., marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable.

E. B. T. 23 N. R. 3 E. G. &amp; S. R. M.

Chains.

from which

A Yellow Pine 36 ins. diam. bears  $N. 35^{\circ} E$ , 68 lbs. dist.  
marked T. 244, R. 4 E, S., 31 B. T.

A Yellow Pine 40 ins. diam. bears  $S. 39^{\circ} E$ , 111 lbs. dist.  
marked T. 234, R. 4 E, S., 6 B. T.

A Yellow Pine 30 ins. diam. bears  $S. 30^{\circ} W$ , 100 lbs. dist.  
marked T. 234, R. 3 E, S., 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir and Oak.

Undergrowth of same and juniper.

I carefully examined the adjustments of my solar  
compass to-day, particularly the latitude and revers-  
ing apparatus, and found them correct.

January 23<sup>rd</sup> - 1883.

E. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

Chains.

From the Cor. to Tps. 22<sup>nd</sup> & 23<sup>rd</sup> N. Rs. 2 & 36,  
previously set by me. Iron

North between sections 31<sup>st</sup> & 36.

Variation 14048' East.

Descend.

40.00 Set a Sand stone 15 x 12 x 5 ins., 10  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

80.00 Set a Sand stone 20 x 10 x 4 ins. 15 ins. in  
the ground for Cor. to Secs. 25, 30, 31<sup>st</sup> & 36, marked  
with 1 notch on S. and 5 notches on W edges and  
raised a mound of stone. alongside, Pits impracticable.  
Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchy grass and sagebrush.

E. B. T. 20 N. R. 2 E. G. &amp; S. R. M.

Chains,

North between sections 25<sup>W</sup> & 30.Variation  $14^{\circ} 48'$  East.

Descend.

35.00 Cross Wash, 20 lks. wide, Course N. ~~W.~~ and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

65.00 Cross Road, bears, N.W. <sup>20</sup> S.E.

80.00 Set a sand stone 18 x 12 x 4 ins. 12 ins. in  
 the ground for Cor. to Secs. 19, 24, 25<sup>W</sup> & 30, marked  
 with 2 notches on S. and 4 notches on W. edges and  
 raised a mound of stone alongside. Pits impracticable.  
 Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and dogwood.

E. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

Chains.

North between sections 19<sup>and</sup> 24.Variation  $14^{\circ}48'$  East.

Ascend.

35.00 Top of Ridge, bears N. E. <sup>and</sup> S. W. and descend.40.00 Set a sand stone  $20 \times 10 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

55.00 Cross Wash, 10 lks. wide, Course W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13, 18, 19<sup>and</sup> 24, marked T. 23 N. S. 18, on N. E., R. 2 E., S. 19 on S. E. S. 24 on S. W. and S. 13 on N. W. face, with 3 notches on S. and 3 notches on W. edges, dug pits,  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine,

Vegetation, bunchgrass <sup>and</sup> oregonian.

E. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

North between sections 13<sup>rd</sup> and 18.

Variation 140 48' East.

Ascend.

40.00 Set a Sand stone 16 x 10 x 5 ins., 11 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone alongside. Pits impracticable.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 7, 12, 13<sup>rd</sup> & 18, marked T. 23 N. S. 7, on N. E., R. 3 E., S. 18 on S. E. S. 13 on S. W. and S. 12 on N. W. faces, with 4 notches on S. and 2 notches on W. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

from which

A Juniper 10 ins. diam. bears N. 15° W., 25 lks. dist. marked T. 23 N., R. 2 E., S., 12 B. T.

A Pine 12 ins. diam. bears S. 16 1/4° E., 48 lks. dist. marked T. 23 N., R. 3 E., S., 18 B. T.

No other tree within limits.  
Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine, Fir and Juniper.

Vegetation, Couchgrass and Ragwort.

E. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

chains.

North between sections 7<sup>th</sup> and 12<sup>th</sup>.Variation  $14^{\circ}48'$  East.

Ascend.

40.00 Set a sand stone  $20 \times 11 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

A Pine 20 ins. diam. bears  $N. 20^{\circ} W.$ , 28 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

60.00 Top of Butte bank  $N. 60^{\circ} W.$  &  $S. 60^{\circ} E.$  and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 1, 6, 7<sup>th</sup> and 12<sup>th</sup>, marked T. 23 N. S. 6, on N. E., R. 3 E., S. 7 on S. E. S. 12 on S. W. and S. 1 on N. W. face, with 6 notches on S. and 1 notch on W. edges; dug pits,  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

from which

A Pine 12 ins. diam. bears  $N. 20^{\circ} E.$ , 13 lks. dist. marked T. 23 N., R. 3 E., S., 6 B. T.

E. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

hains.

A Pine 14 ins. diam. bears N. 50° W, 23 lks. dist.  
marked T. 23 N., R. 2 E., S. 1 B. T.

A Pine 14 ins. diam. bears S. 5 1/4° E., 18 lks. dist.  
marked T. 23 N., R. 3 E., S. 7 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of Pine & Oak.

Vegetation, bunchgrass & sagebrush.



Chains.

North between sections 1 and 6.

Variation  $14^{\circ}48'$  East.

Descend.

32.00 Cross Wash, 40 lks. wide. Course W. and ascend.

40.00 Set a sand stone  $14 \times 12 \times 6$  ins., 9 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 14 ins. diam. bears  $N. 50^{\circ} E.$ , 14 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

58.00 Top of Butte, bear N.W. & S.E. and descend.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to Tps. 23 and 24 N, R's 2 and 3 E. marked T, 24 N S. 31 on N. E. R. 3 E S: 6 on S. E. T. 23 N S. 1 on S, W, and R, 2 E S, 36 on N, W, faces, with 6 notches on each edge, dug, pits  $24 \times 18 \times 12$  ins., lengthwise on each line, N, S, E, and W, of post, 6 ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft, base around post,

E. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

from which

A Pine 15 ins. diam. bears S. 15 1/4° E., 117 lks. dist.  
marked T. 23 N. R. 2 E. S. 6 B. T.

A Pine 20 ins. diam. bears S. 30° W., 103 lks. dist.  
marked T. 23 N. R. 2 E. S. 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunch grass and sagebrush.

N. B. T. 23 N. R. 2 E. G. &amp; S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude <sup>we</sup> found it to be  $35^{\circ}24' N.$  From the Cor. to Tps. 23 & 24 N. Rs. 2. & 3 E., previously set by me. I run West on a random line on N. B. of Tp.

Va.  $14^{\circ}48'$  East.

I set temporary corners at every half mile, and at 5 miles

78.20 chs. I arrive at a point 42 lks North of Cor. to Tps, previously set by me.

23 & 24 N. Rs. 1 & 2 E. from which corner I run

N.  $87^{\circ}57' E.$  on a true line between sections 6 & 31.

Va.  $14^{\circ}51'$  East.

Ascend.

28.20 Top of Ridge, bears N.  $20^{\circ} E.$   $\frac{1}{2}$  of  $25^{\circ} W.$  and descend.

38.20 Set a sand stone  $15 \times 12 \times 8$  ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

78.20 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32, marked T. 24 N. S. 32, on N. E., R. 2 E., S. 5 on S. E. S. 6 on S. W and S. 31 on N. W. faces,

N. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

with 1 notch on ~~W~~ and 5 notch ~~EO~~ on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
and raised a mound of earth 2 ft. high, 4½ ft. base  
around post.

from which

A Pine 20 ins. diam. bears N. 21¼° W., 72 lks. dist.

marked T. 24 N., R. 2 E., S. 31 B. T.

A Pine 10 ins. diam. bears N. 18½° E., 120 lks. dist.

marked T. 24 N., R. 2 E., S. 32 B. T.

A Juniper 20 ins. diam. bears S. 40° E., 50 lks. dist.

marked T. 23 N., R. 2 E., S. 5 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

N. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

N. 89° 57' E. on a true line between sections 5 and 32.

Va. 14° 51' East.

Descend.

40.00

Set a sand stone 24 x 10 x 7 ins. 18 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

1 Pine 12 ins. diam. bears N. 22 1/4° E, 140 lbs. dist. marked 1/4 S. B. T.

No other tree within limits.

45.00

Cross Wash, 30 lbs. wide, Course N. and ascend.

80.00

Set a sand stone 8 x 10 x 10 ins. 12 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33, marked with 2 notch 20 on W and 4 notch 20 on E. edges and raised a mound of stone. alongside. Pits impracticable.

from which

1 Pine 20 ins. diam. bears N. 15° E, 38 lbs. dist. marked T. 24 N, R. 2 E, S. 33. B. T.

1 Pine 14 ins. diam. bears S. 12 1/2° E, 82 lbs. dist. marked T. 23 N, R. 2 E, S. 4 B. T.

1 Pine 10 ins. diam. bears S. 37 1/4° W, 146 lbs. dist.

115

N. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

marked T. 23, R. 2 E. S. 5 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagelimon.

N. 89° 57' E, on a true line between sections 4 & 33,

Va. 14° 51' East.

Ascend.

25.00 Top of Spur, bears N. 15° W.  $\frac{1}{4}$  S. 0.15° E, and descend.

40.00 Set a sand stone 20 x 14 x 6 ins., 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

A Pine 14 ins. diam. bears N. 5 $\frac{1}{2}$ ° E, 16 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Pine 8 ins. diam. bears S. 30° W., 14 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

58.00 Cross Wash, 150 lks. wide. Course N. 15° W. and ascend.

U. B. T. 23 N. R. 2 E. G. & S. R. M.

Chains.

80.00

Set a sandstone  $20 \times 14 \times 5$  ins. 15 ins. in the ground for Cor. to Secs. 3, 4, 33<sup>rd</sup> and 34, marked with 3 notches on W and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from which

A Pine 12 ins. diam. bears S. 10<sup>1</sup>/<sub>2</sub> W, 29 lbs. dist. marked T. 23 N, R. 2 E. S., 4 B. T.

A Pine 14 ins. diam. bears N. 15<sup>1</sup>/<sub>2</sub> W, 65 lbs. dist. marked T. 24 N, R. 2 E. S., 33 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagetuck.

chains.

N. 89° 57' E, on a true line between sections 3<sup>rd</sup> and 34.

Va. 14° 57' East.

Ascend.

38.00 Top of Ridge, bears N. 30° W, W. S. 30° E, and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post. from which

A Pine 12 ins. diam. bears N. 22° 1/2° E, 85 lbs. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

80.00 Set a Sand stone 20 x 10 x 5 ins. 15 ins. in  
the ground for Cor. to Secs. 2, 3, 34<sup>th</sup> and 35, marked  
with 4 notch 60 on W and 2 notch 60 on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
from which

A Pine 12 ins. diam. bears S. 30° E, 49 lbs. dist.  
marked T. 23 N. R. 2 E. S., 2 B. T.

A Pine 14 ins. diam. bears S. 27° 1/4° W, 140 lbs. dist.  
marked T. 23 N. R. 2 E. S., 3 B. T.

No other tree within limits.



Chains.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine <sup>and</sup> Juniper.

Vegetation, Cuneegrass <sup>and</sup> vegetation.

N. 89° 57' E. on a true line between sections 2<sup>nd</sup> & 35.

Va. 14° 51' East.

Descend.

22.00 Cross Gulch, 10 lks. wide, Course N. W. and ascend.

40.00 Set a Sand stone 15 x 12 x 4 ins., 10 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 14 ins. diam. bears N. 40° W., 40 lks. dist. marked 1/2 S. B. T.

No other tree within limits.

80.00 Set a Sand stone 36 x 24 x 12 ins. 27 ins. in the ground for Cor. to Secs. 1, 2, 35<sup>th</sup> & 36, marked with 5 notches on W and 1 notch on E. edges and raised a mound of stone. alongside. Pits impracticable.

N. B. T. 23 N R. 2 E. G. &amp; S. R. M.

Chains.

from which

A Pine 15 ins. diam. bears N. 80° E., 48 lks. dist.

marked T. 24 N, R. 2 E, S., 36 B. T.

A Pine 20 ins. diam. bears N. 10 3/4° E., 32 lks. dist.

marked T. 23 N, R. 2 E, S., 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine &amp; Juniper,

Vegetation, bunchgrass &amp; sagebrush.

Chains.

N. 87° 57' E. on a true line between sections 1 and 36,

Va. 19° 51' East.

Ascend.

40.00 **Set a** Sand stone 20 x 10 x 4 ins., 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on U.  
face, and raised a mound of stone alongside. Pits  
impracticable.

70.00 Top of Spur, bears N. W.  $\frac{1}{4}$  S. E. and descend

80.00 The Cor. to Tps. 23 & 24 N. Rs. 2 & 3 E.

Land mountainous

Soil 3<sup>rd</sup> rate

Timber of Pine &amp; Juniper.

Vegetation, Couchgrass and ragelimon.

January 23<sup>rd</sup> 1883.

W. B. T. 24 N. R. 3 E. G. & S. R. M.

Chains.

From the Cor. to Sec. 23<sup>rd</sup> N. R. 2<sup>nd</sup> E. 36  
previously set by me & I run  
North between sections 31<sup>st</sup> & 36.

Variation 14° 48' East.

Ascend.

40.00

Set a sand stone 14 x 12 x 4 ins., 9  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

A Pine 14 ins. diam. bears N. 40° E., 15 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

40.50

Top of Butte bear N. 60° W. & S. 60° E. and descend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 25, 30, 31<sup>st</sup> & 36,  
marked T. 24 N. S. 30, on N. E., R. 3 E., S. 31  
on S. E. S. 36 on S. W. and S. 25 on N. W. faces,  
with 1 notch on S. and 6 notches on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

from which

A Pine 10 ins. diam. bears N. 27 $\frac{1}{2}$ ° E., 26 lks. dist.  
marked T. 24 N., R. 3 E., S., 30 B. T.

W. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

BOOK 1386

Chains.

A Pine 13 ins. diam. bears  $S. 70^{\circ} W.$ , 63 lks. dist.  
marked T. 24 N, R. 2 E, S., 36 B. T.

A Pine 12 ins. diam. bears  $S. 20^{\circ} 40' E.$ , 58 lks. dist.  
marked T. 24 N, R. 3 E, S., 31 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

W. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

Chains.

North between sections 25<sup>and</sup> 30.Variation  $14^{\circ} 51'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

57.00 Cross Road, bears, N.  $30^{\circ}$  W.  $9\frac{1}{2}$  S.  $30^{\circ}$  E.

70.00 Cross Wash, 5 lks. wide, Course  $E^{\circ}$  and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25<sup>and</sup> 30,  
marked T. 24 N. S. 19, or N. E., R. 3 E., S. 30  
on S. E. S. 25 on S. W. and S. 24 on N. W. faces,  
with 2 notch  $\infty$  on S. and 4 notches on ~~Wedges~~;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

from which

A Pine 14 ins. diam. bears N.  $69\frac{1}{2}^{\circ}$  W., 39 lks. dist.

marked T. 24 N., R. 3 E., S., 24 B. T.

A Pine 12 ins. diam. bears N.  $45^{\circ}$  E., 54 lks. dist.

marked T. 24 N., R. 3 E., S., 19 B. T.

BOOK 1386

Chains:

A Pine 15 ins. diam. bears  $S. 39\frac{1}{2}^{\circ} E.$ , 28 lks. dist.  
marked T. 24 N. R. 3 E. S., 30 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>m</sup> rate,

Heavy timber of Pine and Oak.

Undergrowth of same and Juniper.

North between sections 17<sup>m</sup> 24.

Variation  $14^{\circ} 51'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post. from which

A Pine 12 ins. diam. bears  $S. 15\frac{1}{2}^{\circ} E.$ , 12 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13, 18, 19 & 24,  
marked T. 24 N. S. 18, on N. E., R. 3 E., S. 19  
on S. E. <sup>R. 2 E.</sup> S. 24 on S. W. and S. 13 on N. W. faces,  
with 3 notches on S. and 3 notches on W. edges;

W. B. T. 24 N. R. 3 E. G. & S. R. M.

Chains.

dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

from which

a Pine 14 ins. diam. bears S. 29 1/4° E, 170 lks. dist.  
marked T. 24 N. R. 36, S., 19 B. T.

No other tree within limits.

Land mountainous

Soil 3rd rate.

Timber of Pine and Juniper.

Vegetation, bunching grass and Sagebrush.



Chains.

North between sections 13<sup>and</sup> 18.  
Variation, 140° 51' East.

Over rolling land.

11.00 Cross Wash, 8 lks. wide, Course N. 40° and ascend.  
40.00 Set a Sand stone 20 x 10 x 4 ins., 15

ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

80.00 Set a Sand stone 18 x 14 x 10 ins. 12 ins. in the ground for Cor. to Secs. 7, 12, 13<sup>and</sup> 18, marked with 4 notches on S. and 2 notches on W edges and raised a mound of stone. alongside. Pits impracticable. from which

A Pine 12 ins. diam. bears S. 12 1/4° W, 11 lks. dist. marked T. 24 N, R. 2 E, S., 13 B. T.

A Pine 8 ins. diam. bears S. 7 1/2° E, 9 lks. dist. marked T. 24 N, R. 3 E, S., 18 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine and Juniper

Undergrowth of same.

W. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

Chains.

North between sections 7 <sup>and 12,</sup>Variation  $14^{\circ}51'$  East

Over rolling land.

40.00 Set a Sand stone  $15 \times 10 \times 5$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 12 ins. diam. bears  $S. 28^{\circ}4' W.$ , 22 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00 Set a Sand stone  $15 \times 10 \times 6$  ins. 10 ins. in the ground for Cor. to Secs. 1, 6, 7 <sup>and 12,</sup> marked with 5 notches on S. and 1 notch on ~~W~~ edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Pine 12 ins. diam. bears  $N. 70^{\circ} E.$ , 25 lks. dist. marked T. 24 N., R. 3 E., S., 6 B. T.

A Pine 11 ins. diam. bears  $S. 39^{\circ}14' E.$ , 38 lks. dist. marked T. 24 N., R. 3 E., S., 7 B. T.

A Pine 8 ins. diam. bears  $S. 54^{\circ} W.$ , 86 lks. dist. marked T. 24 N., R. 2 E., S., 12 B. T.

No other tree within limits.

W. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

Chains.

Land rolling.

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same 2<sup>nd</sup> jumpet.North between sections 1<sup>st</sup> & 6.Variation  $14^{\circ} 51'$  East.

Ascend.

870.00 Set a Sand stone  $15 \times 9 \times 7$  ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone, alongside. Pits impracticable.

from which

A Pine 20 ins. diam. bears  $N. 30^{\circ} E.$ , 53 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

80.00 Set a Sand stone  $24 \times 10 \times 7$  ins. 18 ins. in the ground, for Closing Cor. to Tps. 24 N., R's 2 and 3 E., marked C. C. with 6 notches on S & E. edges, and raised a mound of stone, along side.

Pits impracticable, from which

A Pine 14 ins. diam. bears  $S. 28^{\circ} 4' E.$ , 51 lks. dist. marked T. 24 N., R. 3 E., S. 6 B. T.

W. B. T. 24 N. R. 3 E. G. & S. R. M.

Chains.

No other tree within limits.

Land rolling.

Soil 3 sec rate.

Timber of Paic <sup>and</sup> Jumper.

Vegetation, bunchgrass <sup>and</sup> sagebrush.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

January 24<sup>th</sup> 1883.

N. B. T. 23 N. R. 3 E. G. &amp; S. R. M.

## Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 23 & 24 N., Rs. 2 & 3 E., previously set by me.  
I run East. on a random line on N. B. of Tp.

Va.  $14^{\circ} 48'$  East.

I set temporary corners at every half mile, and at 5 miles 76.00 chs. I arrive at a point 58 lks. South of Cor. to Tps. 23 & 24 N., Rs. 3 & 4 E. from which corner I run  $S. 87^{\circ} 56' W.$  on a true line between sections 1 & 36, previously set by me.

Ascend.

Va.  $14^{\circ} 45'$  East.

40.00 Set a Sand stone  $12 \times 12 \times 10$  ins., 8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

74.00 Top of Spur, bears N.W.  $44^{\circ}$  S.E. and descend.

80.00 Set a Sand stone  $20 \times 12 \times 8$  ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 25 and 36, marked with 5 notch  $\infty$  on W and 1 notch on E. edges and raised a mound of stone. alongside. Pits impracticable.

N. B. T. 23 N. R. 3 E. G. & S. R. M.

Chains.

Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

8995' W on a true line between sections 2 and 35.

Va. 14°48' East

Descend.

30.92 Cross Road, bears N. 45° W. and S. 45° E.

40.00 Set a sand stone 15 x 12 x 6 ins., 10 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N. face, and raised a mound of stone. alongside. Pits impracticable.

59.55 Cross Wash, 20 lks. wide, Course N. W. and ascend.

80.00 Set a sand stone 15 1/2 x 10 ins. 10 ins. in the ground for Cor. to Secs. 2, 3, 34 or 35, marked with 4 notches on W and 2 notches on E. edges and raised a mound of stone. alongside, Pits impracticable. Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.

N. B. T. 20 N. R. 3 E. G. &amp; S. R. M.

Chains,

S. 89° 56' W, on a true line between sections 3<sup>rd</sup> and 34.

Va. 14° 48' East.

Ascend.

40.00

Set a sand stone 20 x 18 x 8 ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

59.00

Top of Spur, bears N. 20° W.  $\frac{1}{2}$  mi. S. 20° E. and descend.

80.00

Set a sand stone 16 x 12 x 8 ins. 11 ins. in the ground for Cor. to Secs. 3, 4, 33<sup>rd</sup> and 34, marked with Notches on W and 3 notches on E. edges and raised a mound of stone. alongside, Pits impracticable.  
Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and agave.

N.B. T. 23 N. R. 3 E. G. & S. R. M.

Chains.

S. 89° 56' W. on a true line between sections 4<sup>th</sup> & 33.

Va. 14° 48' East.

Descend.

23.00 Cross Wash, 10 lks. wide, Course N. 10° W. and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 4, 5, 32 & 33, marked T. 24 N. S. 33, on N. E., R. 3 E., S. 4 on S. E. S. 23<sup>th</sup> on S. W. and S. 32 on N. W. faces, with 2 notches on W. and 4 notches on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land mountainous

Soil 3000 rate.

Timber of Pine & Juniper.

Vegetation, bunch grass and dogwood.



N. B. T. 23 N. R. 3 E. G. &amp; S. R. M.

Chains,

S. 89° 56' W on a true line between sections 5<sup>th</sup> & 32.

Va. 14° 48' East.

Ascend.

- 10.00 Top of Spur, bears N. <sup>and</sup> S. and descend.
- 30.30 Cross Wash, 20 lks. wide, Course N. and ascend.
- 40.00 Set a sand stone 15 x 12 x 8 ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone, alongside. Pits impracticable.
- 63.00 Top of Spur, bears N. <sup>and</sup> S. and descend.
- 79.00 Cross Wash, 20 lks. wide, Course N. and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 5, 6, 31<sup>st</sup> & 32, marked T. 24 N. S. 32, on N. E., R. 3 E., S. 5 on S. E. <sup>S. 23 N.</sup> 6 on S. W. and S. 31 on N. W. face, with  $\int$  notch on W. and  $\int$  notch 20 on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base around post.
- from which
- A Pine 12 ins. diam. bears N. 38° E., 136 lks. dist. marked T. 24 N., R. 3 E., S., 32 B. T.
- A Pine 10 ins. diam. bears S. 22° 14' W., 140 lks. dist.

Chains.

marked T. 23 1/2, R. 3 E, S., 6 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

heavy timber of Pine and Juniper.

Undergrowth of same.

S. 89° 56' W on a true line between sections 6 & 31.

Pa. 14° 48' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post. from which

A Pine 14 ins. diam. bears S. 12° E., 23 lbs. dist.

marked 1/2 S. B. T.

No other tree within limits.

65.00 Top of Spur, bears N. 1/2 S. and descend.

76.00 The Cor. to Tps. 23 & 24 N. Rs. 2 & 3 E. <sup>and which</sup> started

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

Chains.

From the center of ps 23<sup>rd</sup> 24<sup>th</sup> N. R. 3<sup>rd</sup> 4<sup>th</sup> E  
 previously set by me I run  
 North between sections 31<sup>st</sup> & 36.

Variation  $14^{\circ} 45'$  East.

Descend.

- 17.80 Cross Wash, 70 lks. wide, Course  $N. 40^{\circ} W$ , and ascend.
- 40.00 Set a sand stone  $20 \times 10 \times 5$  ins., 15  
 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
 face, and raised a mound of stone. alongside. Pits  
 impracticable. from which  
 A Yellow Pine 24 ins. diam. bears  $S. 50^{\circ} W$ , 94 lks. dist.  
 marked  $\frac{1}{2}$  S. B. T.
- No other tree within limits. Thence along  
 W. slope of Butte.
- 80.00 Set a sand stone  $15 \times 12 \times 6$  ins., 10 ins. in  
 the ground for Cor. to Secs. 25, 30, 31<sup>st</sup> & 36, marked  
 with 1 notch on S. and 5 notches on W. edges and  
 raised a mound of stone. alongside. Pits impracticable.  
 from which
- A Pine 10 ins. diam. bears  $N. 50^{\circ} E$ , 14 lks. dist.  
 marked T. 24<sup>th</sup> N., R. 4<sup>th</sup> E., S., 30 B. T.
- A Pine 8<sup>th</sup> ins. diam. bears  $S. 12\frac{1}{4}^{\circ} E$ , 15 lks. dist.  
 marked T. 24<sup>th</sup> N., R. 4<sup>th</sup> E., S., 31 B. T.
- A Pine 7 ins. diam. bears  $S. 39\frac{1}{2}^{\circ} W$ , 24 lks. dist.

E. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

Chains.

marked T. 24 N. R. 3 E. S. 26 B. T.

No other tree within limits.

Land mountainous

at 2<sup>nd</sup> rate,

Heavy timber of Pine &amp; Juniper.

Undergrowth of same.

North between sections 25 &amp; 30.

Variation 14° 51' East.

Descend.

40.00

Set a Sand stone 15 x 10 x 5 ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

a Yellow Pine 20 ins. diam. bears S. 20° E., 40 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00

Set a Sand stone 14 x 12 x 5 ins. 9 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notch 50 on S. and 4 notches on W. edges and raised a mound of stone. alongside. Pits impracticable. from which

## Chains.

A Yellow Pine 36 ins. diam. bears  $N. 24^{\circ} E, 95$  lks. dist.  
marked T. 24N, R. 4E, S., 19 B. T.

A Yellow Pine 24 ins. diam. bears  $S. 36^{\circ} W, 117$  lks. dist.  
marked T. 24N, R. 3E, S., 25 B. T.

A Yellow Pine 25 ins. diam. bears  $S. 40^{\circ} E, 141$  lks. dist.  
marked T. 24N, R. 4E, S., 30 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine & Oak.

Undergrowth of same and juniper.

E. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

Chains.

North between sections 19<sup>th</sup> & 24.

Variation 14° 51' East.

Descend.

6.50 Cross Wash, 40 lks. wide, Course W and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, and raised a mound of stone 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base around post. Pits impracticable.

56.57 A Yellow Pine 40 ins. diam.

80.00 Set a sand stone 16 x 10 x 4 ins. 11 ins. in  
the ground for Cor. to Secs. 13, 18, 19<sup>th</sup> & 24, marked  
with 3 notches on S. and 3 notches on W edges and  
raised a mound of stone. alongside. Pits impracticable.  
from whichA Pine 10 ins. diam. bears N. 30° E, 57 lks. dist.  
marked T. 24 N, R. 4 E, S., 18 B. T.A Pine 12 ins. diam. bears N. 25 $\frac{1}{4}$ ° W, 77 lks. dist.  
marked T. 24 N, R. 3 E, S., 13 B. T.A Pine 14 ins. diam. bears S. 40 $\frac{1}{2}$ ° W, 89 lks. dist.  
marked T. 24 N, R. 3 E, S., 24 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

E. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

Chains.

North between sections 13<sup>4</sup>/<sub>18</sub>

Variation 14° 51' East.

Ascend.

20.00 Top of Spur, bears E. <sup>9</sup>/<sub>16</sub> W. and descend.40.00 A Pine 8 ins. diam. which I marked  $\frac{1}{2}$  S.  
on W. face, for  $\frac{1}{4}$  sec. cor., dug pits, 18 x 18 x 12 ins.  
N. and S. of tree, 5 $\frac{1}{2}$  ft. dist. and raised a mound  
of earth around tree.

from which

A Pine 10 ins. diam. bears N. 10 $\frac{1}{4}$ ° W., 19 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

66.00 Cross Wash, 20 lks. wide. Course N. 20° W. and ascend.

80.00 Set a Sand stone 15 x 10 x 6 ins. 10 ins. in  
the ground for Cor. to Secs. 7, 12, 13<sup>4</sup>/<sub>18</sub>, marked  
with 4 notches on S. and 2 notches on W. edges and  
raised a mound of stone. Pits impracticable.  
from whichA Pine 12 ins. diam. bears N. 30° W., 19 lks. dist.  
marked T. 24 N. R. 3 E. S. 12 B. T.A Pine 14 ins. diam. bears S. 39 $\frac{1}{4}$ ° E., 58 lks. dist.  
marked T. 24 N. R. 4 E. S. 18 B. T.

E. B. T. 24 N. R. 3 E. G. &amp; S. R. M.

No other tree within limits.

Land mountainous

Soil 3<sup>m</sup> rate,

Heavy timber of Pine and Junipers.

Undergrowth of Oakes.

North between sections 7<sup>and</sup> 12.

Variation  $14^{\circ} 51'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

41.00 Top of Ridge, bears N.  $50^{\circ}$  W.  $W. 50^{\circ}$  E. and descend.

80.00 Set a sandstone  $N \times 12 \times 4$  ins. 10 ins. in the ground for Cor. to Secs. 1, 6, 7<sup>and</sup> 12, marked with 5 notches on S. and 1 notch on W. edges and raised a mound of stone. alongside. Pits impracticable. from which

A Yellow Pine 24 ins. diam. bears  $S. 20^{\circ}$  E., 84 lbs. dist. marked T. 24 N. R. 4 E. S. 7 B. T.

No other tree within limits.



C Chains.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

North between sections 1 and 6.

Variation  $14^{\circ} 57'$  East.

Descend.

40.00 Set a Sandstone  $12 \times 10 \times 4$  ins., 8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears  $S. 50^{\circ} E.$ , 56 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 19 ins. diam. bears  $S. 40^{\circ} W.$ , 33 lks. dist. marked  $\frac{1}{4}$  S. B. T.

56.00 Cross Wash, 30 lks. wide, Course N.W. and ascend.

80.70 Intersect the 6<sup>th</sup> Standard Parallel North at a point 7.00 chs. West. of the Standard Cor. to Sp. 25 N., Ro. 3 and H. E., <sup>previously set by me</sup> at which point I.

E. B. T. 24 N. R. 3 E. G. & S. R. M.

hairs.

Set a post,  $4\frac{1}{2}$  ft. long. 4 ins. square, with marked stone 12 ins. in the ground, for <sup>Closing</sup> Cor. to Tps.

24 N., R's 3 and 4 E., marked C. C. T.

24 N. on S., R. 4 E. S. 6 on E. and R.

3 E. S. 1 on W. faces with 6 notches on  
E, S. W. faces, and raised a mound of stone  $2\frac{1}{2}$  ft.  
high, 5 ft. base, around post, Pits impracticable.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine and Juniper.

Undergrowth of same.

January 26<sup>th</sup> 1883.

S. B.

BOOK 1386  
T. 23 N. R. 4

E. G. & S. R. M.

Chains.

Before proceeding further with the exteriors of this T<sup>p.</sup>,  
I made a change of 6 minutes in the latitude arc  
of my solar compass by subtracting same from  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

From the Cor. to Tps. 22<sup>nd</sup> 23 N. Rs. 3 & 4 E,  
previously set by me. I run,

East. on a true line between sections 6<sup>th</sup> & 31.

Va. 14045' East

Ascend.

To allow for convergency, at

38.97

Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on

N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post. from which

1 Yellow Pine 30 ins. diam. bears S. 7 1/2° E, 24 lks.  
marked 1/2 S. B. T.

No other tree within limits.

52.00

Top of Spur, bears N. 40° E. W. S. 40° W. and descend

63.50

Cross Gulch, 40 lks. wide, Course S. and ascend.

S. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

78.97  
 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 5, 6, 31<sup>and</sup> 32,  
 marked T. 23N, S. 32, on N. E., R. 4 E, S. 5  
 on S. E. <sup>S. 22 N.</sup> S. 6 on S. W. and S. 31 on N. W. faces,  
 with 1 notch on W and 5 notch 50 on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 around post.

from which

A Fir 12 ins. diam. bears  $N. 80^{\circ} E.$ , 112 lbs. dist.  
 marked T. 23N, R. 4 E, S. 32 B. T.

A Yellow Pine 20 ins. diam. bears  $S. 20\frac{1}{2}^{\circ} E.$ , 24 lbs. dist.  
 marked T. 22N, R. 4 E, S. 5 B. T.

A Yellow Pine 36 ins. diam. bears  $S. 30^{\circ} W.$ , 24 lbs. dist.  
 marked T. 22N, R. 4 E, S. 6 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Fir.

Undergrowth of some <sup>the</sup> Juniper.

S. B. T. 23 N. R. 4 E. G. & S. R. M.

Chains.

East. on a true line between sections 5<sup>th</sup> & 32.  
-- Va. 14°45' East.

Ascend.

40.00 Set a sand stone 5 x 12 x 10 ins., 10 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, and raised a mound of stone alongside. Pits impracticable. from which

A Yellow Pine 20 ins. diam. bears N. 37° E., 125 lks. dist. marked 1/2 S. B. T.

No other tree within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 4, 5, 32<sup>nd</sup> & 33, marked T. 23 N. S. 33, on N. E., R. 4 E, S. 4 on S. E. S. 5 on S. W. and S. 32 on N. W. faces, with 2 notch 60 on W and 4 notch 20 on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

from which

A Yellow Pine 30 ins. diam. bears S. 45° W., 20 lks. dist. marked T. 22 N., R. 4 E, S. 5 B. T.

A Yellow Pine 20 ins. diam. bears S. 30° E., 180 lks. dist. marked T. 22 N., R. 4 E, S. 4 B. T.

S. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

Chains.

No other tree within limits. Corner set

on Top of Spur, bears N. and S.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine and Juniper.

Undergrowth of same.

East. on a true line between sections 4 and 33.

Va.  $14^{\circ}45'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on N. face; from whichA Yellow Pine 20 ins. diam. bears N.  $80^{\circ}W$ , 37 lks. dist. marked  $\frac{1}{2}$  S. B. T.A Yellow Pine 16 ins. diam. bears S.  $69\frac{1}{2}^{\circ}W$ , 38 lks. dist. marked  $\frac{1}{2}$  S. B. T.

63.41 Cross Road, bears, N. and S.

80.00 Set a sandstone  $15 \times 10 \times 6$  ins. 10 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

P. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

Chains.

from which

A Yellow Pine 24 ins. diam. bears N.  $87\frac{1}{2}^{\circ}$  E. 43 lks. dist.  
marked T. 234, R. 4 E. S. 34 B. T.

A Yellow Pine 26 ins. diam. bears S.  $17^{\circ}$  W. 126 lks. dist.  
marked T. 224, R. 4 E. S. 4 B. T.

A Yellow Pine 13 ins. diam. bears S.  $22\frac{1}{2}^{\circ}$  E. 146 lks. dist.  
marked T. 224, R. 4 E. S. 3 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same <sup>and</sup> Juniper.

S. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

East. on a true line between sections 3<sup>and</sup> 34.Va.  $14^{\circ}45'$  East.

Ascend.

32.00 Top of Spur, bears N. <sup>and</sup> S. and descend.40.00 Set a sand stone  $20 \times 12 \times 6$  ins., 15 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears  $S. 7\frac{1}{4}^{\circ} W.$ , 15 lbs. dist. marked  $\frac{1}{4}$  S. B. T.A Yellow Pine 40 ins. diam. bears  $N. 23^{\circ} E.$ , 46 lbs. dist. marked  $\frac{1}{4}$  S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 2, 3, 34 <sup>and</sup> 35, marked T. 23 N. S. 35, on N. E., R. 4 E., S. 2 on S. E. <sup>7224</sup> S. 3 on S. W. and S. 34 on N. W. faces, with 4 notches on W. and 2 notch 20 on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

from which

A Yellow Pine 26 ins. diam. bears  $N. 65^{\circ} E.$ , 157 lbs. dist.



S. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

marked T. 23N, R. 4E. S., 35 B. T.

A Yellow Pine 30 ins. diam. bears N. 83 $\frac{1}{2}$ W, 180 lks. dist.  
marked T. 23N, R. 4E. S., 34 B. T.

No other tree within limits.

Land mountainous

Soil poor rate.

Heavy timber of Pine.

Undergrowth of saw and juniper.

East. on a true line between sections 2<sup>nd</sup> and 3<sup>rd</sup>.

Va. 14° 45' East.

Descend.

24.00 Cross Road, bears, N. 20° E. and S. 20° W.

in Wash, 70 lks. wide, Course S 20° W and ascend.

27.00 Leave Timber, Bears. N. and S.

40.00 Set a sand stone 10 x 10 x 10 ins., 7  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

80.00 Set a Sand stone 14 x 10 x 8 ins. 9 ins. in  
the ground for Cor. to Secs. 1, 2, 35<sup>th</sup> and 36<sup>th</sup>, marked  
with 5 notch on W and 1 notch on E. edges and  
raised a mound of stone. alongside. Pits impracticable.

S. B. T. 23 N. R. 4 E. G. & S. R. M.

Chains.

Land mountainous

Soil 3<sup>rd</sup> rate

Timber of Pine and Juniper.

Vegetation, bunchgrass and sagebrush.

East. on a true line between sections 1 and 36,

No. 14045' East.

Ascend.

40.00 Set a Sand stone 14 x 12 x 8 ins., 7 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N. face, and raised a mound of stone. alongside. Pits impracticable.

80.00 Set a Sand stone 24 x 15 x 8 ins. 18 ins. in the ground, for Cor. to Tps. 22 and 23 N R's 4 and 5 E., marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation, bunchgrass and sagebrush.

January 29<sup>th</sup> 1883.

E. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

Chains.

Turn the Cor to Sps 22<sup>nd</sup> 23<sup>rd</sup> N. Rs  $\sqrt{1/2}$  S E  
 previously set by me I run  
 North between sections 31<sup>and</sup> 36.

Variation  $74^{\circ}45'$  East.

Ascend.

40.00 Set a Sand stone  $12 \times 10 \times 8$  ins., 8  
 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
 face, and raised a mound of stone. alongside. Pits  
 impracticable.

80.00 Set a Sand stone  $24 \times 15 \times 8$  ins. 18 ins. in  
 the ground for Cor. to Secs. 25, 30, 31<sup>and</sup> 36, marked  
 with 1 notch on S. and 5 notches on N edges and  
 raised a mound of stone. alongside, Pits impracticable.  
 Land mountainous.

Soil 3<sup>rd</sup> rate

Vegetation, bunch grass <sup>and</sup> sagebrush.

E. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

Chains.

North between sections 25 and 30.

Variation  $14^{\circ} 45'$  East.

Ascend.

38.00

Enter Timber, bears E. and W.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post. from which

A Yellow Pine 20 ins. diam. bears N.  $20^{\circ}$  E, 20 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

80.00

Set a sand stone 20 x 10 x 4 ins. 15 ins. in  
the ground for Cor. to Secs. 19, 24, 25 & 30, marked  
with 2 notches on S. and 4 notches on N edges and  
raised a mound of stone. alongside. Pits impracticable.  
Cor. set on top of Ridge, bears E & W from which

A Yellow Pine 12 ins. diam. bears S.  $45^{\circ}$  W, 10 lks. dist.  
marked T. 28 N, R. 4 E, S., 25 B. T.

A Yellow Pine 14 ins. diam. bears S.  $40^{\circ}$  E, 14 lks. dist.  
marked T. 28 N, R. 5 E, S., 30 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same and Juniper.

E. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

North between sections 19<sup>40</sup> & 24.Variation  $140^{\circ}45'$  East.

Descend.

40.00 Set a Sand stone  $24 \times 15 \times 10$  ins., 18 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

a Yellow Pine 24 ins. diam. bears  $\text{N. } 40^{\circ} \text{W.}$  8 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

63.00 Cross Wash, 100 lks. wide, Course  $\text{N. } 60^{\circ} \text{W.}$  and ascend.

80.00 Set a Sand stone  $18 \times 14 \times 6$  ins. 12 ins. in the ground for Cor. to Secs. 13, 18, 19<sup>40</sup> & 24, marked with 3 notches on S. and 3 notches on W. edges and raised a mound of stone. alongside. Pits impracticable.

from which

a Yellow Pine 30 ins. diam. bears  $\text{N. } 47^{\circ} \text{W.}$  14 lks. dist. marked T. 23 N. R. 4 E. S. 13 B. T.

a Yellow Pine 20 ins. diam. bears  $\text{N. } 84^{\circ} 10' \text{E.}$  4 lks. dist. marked T. 23 N. R. 5 E. S. 18 B. T.

a Yellow Pine 12 ins. diam. bears  $\text{S. } 30^{\circ} \text{W.}$  148 lks. dist.

Chains.

marked T. 23 N. R. 4 E. S. 24 B. T.

No other tree within limits.

Land mountainous

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

Heavy timber of Pine.

Undergrowth of oak and Juniper.

North between sections 13 and 18.

Variation  $14^{\circ} 45'$  East.

Ascend.

18.00 Top of Butte, bear N.  $20^{\circ}$  W.  $2$  and S.  $20^{\circ}$  E. and descend.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face, and raised a mound of stone around post. Pits impracticable.

from which

A Yellow Pine 24 ins. diam. bears S.  $77^{\circ}$  E., 30 lbs. dist. marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 30 ins. diam. bears N.  $25^{\circ}$  W., 57 lbs. dist. marked  $\frac{1}{2}$  S. B. T.

55.41 A Yellow Pine 36 ins. diam.

80.00 Set a sand stone  $14 \times 10 \times 6$  ins. 9 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18, marked

## Chains.

with 4 notches on S. and 2 notches on N. edges and raised a mound of stone. alongside, Pits impracticable.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same and Juniper.

North between sections 7<sup>th</sup> and 12.

Variation  $14^{\circ}45'$  East.

Descend.

40.00 A Yellow Pine 12 ins. diam. which I marked  $\frac{1}{2}$  S. on W. face, for  $\frac{1}{4}$  sec. cor., dug pits, 18 x 18 x 12 ins. N. and S. of tree,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth around tree.

from which

A Yellow Pine 20 ins. diam. bears  $S. 50^{\circ} E.$ , 17 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

57.00 Cross Wash, 30 lks. wide, Course N. 60° W. and ascend.

74.00 Leave Timber, Bears. E.  $\frac{1}{2}$  W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 6, 7<sup>th</sup> and 12, marked T. 23 N. S. 6, on N. E., R. 5 E., S. 7

E. B. T. 23 N. R. 4 E. G. & S. R. M.

Chains.

R. 4 E.  
 on S. E. S. 12 on S. W. and S. / on N. W. face,  
 with 5 notches on S. and 1 notch on W. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
 around post.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation bunchgrass and bogelmow.

North between sections 1 2/3 1/6.

Variation 14° 45' East.

Ascend.

14.00 Top of Spur, bears N. 20° W. 2/3 S. 20° E. and descend

40.00 Set a sand stone 10 x 10 x 4 ins., 7  
 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W.  
 face, and raised a mound of stone. alongside. Pits  
 impracticable.

76.00 Enter Timber, Bears E. 2/3 W.

80.00 Set a sand stone 20 x 15 x 8 ins. 15 ins. in the  
 ground, for Cor. to Tps. 23 and 24 N. R's 4 and  
 5 E., marked with 6 notches on each edge, and raised a  
 mound of stone. alongside. Pits impracticable.



E. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

from which

A Yellow Pine 15 ins. diam. bears  $N. 10^{\circ} W.$ , 97 lks. dist.  
marked T. 24 N. R. 4 E. S. 36 B. T.

A Yellow Pine 24 ins. diam. bears  $N. 84^{\circ} 1/2^{\circ} E.$ , 78 lks. dist.  
marked T. 23 N. R. 5 E. S. 6 B. T.

A Yellow Pine 22 ins. diam. bears  $N. 45^{\circ} W.$ , 203 lks. dist.  
marked T. 23 N. R. 4 E. S. 1 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same and Juniper.

I carefully examined the adjustments of my solar  
compass to-day, particularly the latitude and revers-  
ing apparatus, and found them correct.

January 30<sup>th</sup> 1883.

N. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

Before proceeding further with the exteriors of this Tp.,

I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 23 & 24 N. Rs. 4 & 5 E,  
previously set by me.  
I run West on a random line on N. B. of Tp.

Va.  $14^{\circ} 45'$  East.

I set temporary corners at every half mile, and at 5 miles

76.70 chs. I arrive at a point 70 lks. North of Cor. to Tps,  
previously set by me.

23 & 24 N. Rs. 3 & 4 E, from which corner I run  
N.  $89^{\circ} 55'$  E. on a true line between sections 6 & 31.

Va.  $14^{\circ} 45'$  East.

Descend.

9.50 Cross Wash, 50 lks. wide, Course  $21.4^{\circ}$  and ascend.

27.00 Top of Spur, bears N.  $20^{\circ}$  E.  $\frac{3}{4}$  S.  $20^{\circ}$  W. and descend.

38.70 Set a sand stone  $20 \times 15 \times 12$  ins., 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, and raised a mound of stone alongside. Pits  
impracticable.

from which

A Cedar 20 ins. diam. bears S.  $80^{\circ}$  E, 52 lks. dist.

N. B. T. 23 N. R. 4 E. G. & S. R. M.

Chains.

marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

78.70

Set a sand stone  $24 \times 15 \times 10$  ins. 18 ins. in the ground for Cor. to Secs. 5, 6, 31<sup>st</sup> & 32, marked with 1 notch on W and 5 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrasses and sagebrush.

N.  $89^{\circ} 55' E$ , on a true line between sections 5<sup>th</sup> & 32.

Va.  $14^{\circ} 45'$  East.

Descend.

16.00 Cross Wash, 20 lks. wide. Course N. 20<sup>th</sup> W and ascend.

40.00

Set a sand stone  $15 \times 12 \times 8$  ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

55.00

Top of Spur, bears N. <sup>90</sup> W. S. and descend.

80.00

Set a sand stone  $14 \times 10 \times 10$  ins. 9 ins. in the ground for Cor. to Secs. 4, 5, 32<sup>nd</sup> & 33, marked with 2 notches on W and 4 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

N. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

## Chains.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush. X

N.  $89^{\circ}55'$  E on a true line between sections 4 and 33.

Va. 14045' East.

Descend.

38.00 Cross Wash, 40 lks. wide, Course N.  $10^{\circ}$  and ascend.

40.00 Set a sand stone  $15 \times 12 \times 6$  ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.

60.00 Top of Ridge, bears N. and S. and descend.

80.00 Set a sand stone  $15 \times 12 \times 8$  ins. 10 ins. in the ground for Cor. to Secs. 3, 4, 33 and 34, marked with 3 notches on W and 3 notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine.

Vegetation, bunchgrass and sagebrush.

N. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ} 58' E$ , on a true line between sections 3<sup>rd</sup> & 34.Va.  $14^{\circ} 40' East$ .

Descend.

27.00 Wdry Lake, Cross C, 300 lks. dist, and ascend.

40.00 Set a sand stone  $18 \times 10 \times 10$  ins., 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone. alongside. Pits impracticable.69.00 Enter Micker Timber, Bears. N. <sup>2nd</sup> S.80.00 Set a sand stone  $24 \times 15 \times 8$  ins. 18 ins. in the ground for Cor. to Secs. 2, 3, 34<sup>th</sup> & 35, marked with 4 notches on W and 2 notches on E. edges and raised a mound of stone. alongside. Pits impracticable. from whichA Yellow Pine 20 ins. diam. bears N.  $10^{\circ} W$ , 40 lks. dist. marked T. 24 N. R. 4 E, S., 34 B. T.A Yellow Pine 12 ins. diam. bears N.  $28^{\circ} E$ , 190 lks. dist. marked T. 24 N., R. 4 E, S., 35 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of cane &amp; Juniper.

N. B. T. 23 N. R. 4 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ}55'E$ , on a true line between sections 25<sup>th</sup> & 35<sup>th</sup>.Va.  $14^{\circ}45'$  East.

Ascend.

P. 00 Top of Ridge, bears N. <sup>4th</sup> S. and descend.

40.00 Set a sand stone  $20 \times 15 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N face, and raised a mound of stone. alongside. Pits impracticable. from which

A Yellow Pine 18 ins. diam. bears N.  $30^{\circ}E$ , 140 lks. dist. marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

74.00 Cross Wash, 50 lks. wide, Course N.  $20^{\circ}W$  and ascend.

80.00 Set a sand stone  $20 \times 15 \times 12$  ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 35<sup>th</sup> & 36, marked with 5 notches on N and 1 notch on E. edges and raised a mound of stone. alongside. Pits impracticable. from which

A Yellow Pine 36 ins. diam. bears N.  $10^{\circ}E$ , 160 lks. dist. marked T. 24 N. R. 4 E, S., 36 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same <sup>as</sup> juniper.

Chains.

N.  $89^{\circ}55'$  E. on a true line between sections 1 <sup>and</sup> 36.Va.  $14^{\circ}45'$  East

Ascend.

40.00 Set a Sand stone  $30 \times 30 \times 24$  ins., 22  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on U.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

A Yellow Pine 15 ins. diam. bears  $U. 32^{\circ}E$ , 47 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

No other tree within limits.

56.00 Top of Butte runs N.W. <sup>1/4</sup> S.E. and descend.

80.00 The Cor. to Tps. 23 <sup>Q</sup> 24 N. Rs. 4 & 5 E.  
from which I started  
Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same <sup>and</sup> Juniper.January 31<sup>st</sup> 1883.

E. B. T. 22 N. R. 6 E. G. &amp; S. R. M.

## Chains.

Before proceeding further with the exteriors of this Tps. I made a change of  $11$  minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 21 <sup>22</sup> N. Rs. 6 & 7 E,  
set firmly in the ground properly ratched  
which is a sand stone with stone mound alongside.

I run.

North between sections 31 and 36.

Variation  $14^{\circ}45'$  East

Descend.

40.00 Set a Sand Stone  $16 \times 10 \times 4$  ins.,  $11$   
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

A Yellow Pine 40 ins. diam. bears  $N. 20^{\circ}W$ ,  $11$  lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 20 ins. diam. bears  $N. 30^{\circ}W$ ,  $18$  lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

64.00 Cross Wash, 40 lks. wide, Course E, and ascend



Chains.

73.64 Cross Road, bears E.  $\frac{3}{4}$  W.

50.00

Set a Sand stone  $16 \times 11 \times 5$  ins.  $11$  ins. in the ground for Cor. to Secs. 25, 30, 31  $\frac{3}{4}$  36, marked with 1 notch on S. and 5 notches on N edges and raised a mound of stone. alongside. Pits impracticable. from which

A Yellow Pine 38 ins. diam. bears N.  $34\frac{1}{4}$  W, 176 lbs. dist. marked T. 22 N. R. 6 E. S. 25 B. T.

A Yellow Pine 20 ins. diam. bears N.  $25^{\circ}$  E, 110 lbs. dist. marked T. 22 N. R. 7 E. S. 30 B. T.

A Yellow Pine 8 ins. diam. bears S.  $30^{\circ}$  E, 20 lbs. dist. marked T. 22 N. R. 7 E. S. 31 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of Same  $\frac{3}{4}$  Juniper.

E. B. T. 22 N. R. 6 E. G. &amp; S. R. M.

## Chains.

North between sections 25<sup>W</sup> & 30.Variation  $14^{\circ}45'$  East.

Ascend.

6.80 1 Yellow Pine 40 ins. diam.

40.00 Set a Sandstone  $15 \times 10 \times 5$  ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

from which

2 Yellow Pine 20 ins. diam. bears S.  $20^{\circ}$  W., 10 lks. dist. marked  $\frac{1}{2}$  S. B. T.2 Yellow Pine 24 ins. diam. bears S.  $19^{\circ}10'$  E., 81 lks. dist. marked  $\frac{1}{2}$  S. B. T.80.00 Set a Sandstone  $16 \times 12 \times 4$  ins. 11 ins. in the ground for Cor. to Secs. 19, 24, 25<sup>W</sup> & 30, marked with 2 notches on S. and 4 notches on W. edges and raised a mound of stone alongside. Pits impracticable.

from which

2 Yellow Pine 4 ins. diam. bears S.  $50^{\circ}$  W., 51 lks. dist. marked T. 22 N. R. 6 E. S., 25 B. T.2 Yellow Pine 20 ins. diam. bears S.  $40^{\circ}$  E., 81 lks. dist. marked T. 22 N. R. 7 E. S., 30 B. T.

16 168

E. B. T. 22 N. R. 6 E. G. & S. R. M.

Ch. Chains,

A Yellow Pine 8 ins. diam. bears N. 15 25, 35 lks. dist. marked T. 22 N. R. 6 E., S., 24 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same <sup>as</sup> Juniper.

North between sections 19<sup>th</sup> and 24.

Variation 14° 45' East.

Ascend.

40.00 Set a Sandstone 14 x 10 x 8 ins., 9 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 50 ins. diam. bears N. 59 1/2 E., 30 lks. dist. marked 1/2 S. B. T.

A Yellow Pine 14 ins. diam. bears N. 27° 45', 50 lks. dist. marked 1/2 S. B. T.

80.00 Set a Sandstone 20 x 10 x 4 ins. 15 ins. in the ground for Cor. to Secs. 13, 18, 19<sup>th</sup> & 24, marked with 3 notches on S. and 3 notches on W. edges and raised a mound of stone. alongside. Pits impracticable.

C. B. T. 2 N. R. 6 E. G. & S. R. M.

S.

from which

A Yellow Pine 20 ins. diam. bears N. 40° E, 178 lbs. dist.

marked T. 224 R. 7 E. S. 18 B. T.

A Yellow Pine 20 ins. diam. bears S. 60° E, 170 lbs. dist.

marked T. 224 R. 7 E. S. 19 B. T.

A Yellow Pine 14 ins. diam. bears S. 38 1/4° W, 142 lbs. dist.

marked T. 224 R. 6 E. S. 24 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine

Undergrowth of same *Engelmann*.

E. B. T. 22 N. R. 6 E. G. &amp; S. R. M.

## Chains.

North between sections 13 and 18.

Variation  $14^{\circ}45'$  East.

Ascend.

40.00

Set a Sand stone  $16 \times 10 \times 4$  ins., 11 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 30 ins. diam. bears  $S. 15^{\circ} E$ , 53 lbs. dist. marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 8 ins. diam. bears  $N. 30^{\circ} W$ , 29 lbs. dist. marked  $\frac{1}{2}$  S. B. T.

80.00

Set a Sand stone  $20 \times 11 \times 6$  ins. 15 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18, marked with 4 notches on S. and 2 notches on W edges and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 30 ins. diam. bears  $S. 80^{\circ} W$ , 96 lbs. dist. marked T. 22 N. R. 6 E, S. 13 B. T.

A Yellow Pine 20 ins. diam. bears  $S 70^{\circ} E$ , 97 lbs. dist. marked T. 22 N. R. 7 E, S. 18 B. T.

A Yellow Pine 30 ins. diam. bears  $N. 47^{\circ} E$ , 79 lbs. dist.

E. B. T. 22 N. R. 6 E. G. &amp; S. R. M.

chains.

marked T. 224 R. 7 E. S. 7 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine.

Undergrowth of same and Juniper.

North between sections 7 and 12.

Variation  $14^{\circ} 45'$  East.

Ascend.

40.00

Set a Sand stone  $16 \times 10 \times 6$  ins., 11 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 30 ins. diam. bears S.  $22^{\circ} 40' E$ , 53 lks. dist. marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 14 ins. diam. bears S.  $28^{\circ} E$ , 66 lks. dist. marked  $\frac{1}{2}$  S. B. T.

45.00

80.00

Ascend. steep Mountain base E. &amp; W.

Set a Sand stone  $18 \times 12 \times 5$  ins. 12 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on W. edges and raised a mound of stone. alongside. Pits impracticable.

1/2

Chains.

from which

1 Yellow Pine 12 ins. diam. bears  $U. 28^{\circ} E$ , 196 lks. dist.

marked T. 22 R. 7 E, S., 6 B. T.

An Aspen, 10 ins. diam. bears  $S. 11^{\circ} 1/2 E$ , 12 lks. dist.

marked T. 22 R. 7 E, S., 7 B. T.

An Aspen, 9 ins. diam. bears  $S. 26^{\circ} 1/2 W$ , 110 lks. dist.

marked T. 22 R. 6 E, S., 12 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine, Fir and Aspen

Vegetation, bunchgrass and ~~and~~  $oag$   $elm$   $sh$ .

E. B. T. 32 N. R. 6 E. G. &amp; S. R. M.

## Chains.

North between sections 1 and 6.

Variation  $14^{\circ}45'$  East.

Ascent.

40.00 An Aspen, 10 ins. dia, which I marked  $\frac{1}{2}$  S. on  
W face, for  $\frac{1}{2}$  Sec. Cor.; from whichAn Aspen, 12 ins. diam. bears  $N. 14^{\circ}45'$ , 16 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.An Aspen, 13 ins. diam. bears  $N. 12^{\circ}10'E$ , 7 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.78.00 Top of Ridge, bears  $N. 80^{\circ}E$ .  $\frac{1}{2}$  S. road and descend.80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the  
ground, for Cor. to Tps. 22 and 23 N R's 6 and  
 $7E$ . marked T. 23 N. S. 31 on N. E. R.  $7E$ . S.  
6 on S. E. T. 22 N. S. 1 on S. W. and R.  $6E$ . S.  
36 on N. W. faces, with 6 notches on each edge, from  
whichAn Aspen, 12 ins. diam. bears  $N. 60^{\circ}E$ , 23 lks. dist.  
marked T. 23 N. R.  $7E$ , S., 31 B. T.An Aspen, 16 ins. diam. bears  $S. 37^{\circ}14'E$ , 84 lks. dist.  
marked T. 22 N. R.  $7E$ , S., 6 B. T.An Aspen, 10 ins. diam. bears  $S. 29^{\circ}25'$ , 13 lks. dist.



E. B. T. 22 N. R. 6 E. G. &amp; S. R. M.

Chains.

marked T. 224 R. 6 E. S. 1 B. T.

An Aspen, 10 ins. diam. bears N. 15° W., 28 lks. dist.

marked T. 231 R. 6 E. S. 36 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir and Aspen.

Undergrowth of same.

## Chains.

Before proceeding ~~farther~~ with the exteriors of this T<sub>p.</sub>, I made a change of  $\sqrt{\quad}$  minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Secs. 22<sup>nd</sup> and 23<sup>rd</sup> N. R. 6<sup>th</sup> 7<sup>e</sup> E. previously set by me & others  
North between sections 31<sup>st</sup> and 36.

Variation  $14^{\circ} 45'$  East.

Descend.

24.50 Cross Gulch, 17 lks. wide, Course W and ascend

40.00 Set a sand stone  $16 \times 10 \times 4$  ins., 11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Fir 18 ins. diam. bears N.  $38^{\circ}$  E., 168 lks. dist. marked  $\frac{1}{4}$  S. B. T.

No other tree within limits.

80.00 Set a sand stone  $16 \times 10 \times 7$  ins. 11 ins. in the ground for Cor. to Secs. 25, 30, 31<sup>st</sup> and 36, marked with / notch on S. and 5 notch  $\infty$  on W. wedges and raised a mound of stone. alongside. Pits impracticable. from which

E. B. T. 20 N. R. 6 E. G. &amp; S. R. M.

Chains.

A Fir 30 ins. diam. bears N. 30° E, 12 lks. dist.

marked T. 234 R. 7 E, S., 30 B. T.

A Fir 24 ins. diam. bears N. 79° 40' W, 10 lks. dist.

marked T. 234 R. 6 E, S., 25 B. T.

A Fir 18 ins. diam. bears S. 38° E, 92 lks. dist.

marked T. 234 R. 7 E, S., 31 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir &amp; Aspen.

Undergrowth of Oame.

Chains.

North between sections 25<sup>th</sup> & 30.

Variation  $14^{\circ}45'$  East.

Ascend.

40.00 An Aspen, 12 ins. diam. which I marked  $\frac{1}{2}$  S. on W. face, for  $\frac{1}{2}$  Sec. Cor.; from which

An Aspen, 13 ins. diam. bears  $N. 38^{\circ}E$ , 4 lks. dist. marked  $\frac{1}{2}$  S. B. T.

A Fir 14 ins. diam. bears  $N. 19^{\circ}W$ , 80 lks. dist. marked  $\frac{1}{2}$  S. B. T.

50.00 Top of Ridge, bears  $N. 45^{\circ}W$ .  $N. 45^{\circ}E$  and descend.

50.00 A Fir 14 ins. diam.

which I marked T. 23 N. S. 19 on N. E. R.  $7E$  S. 30 on <sup>E. & S.</sup> S. E. S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on ~~W~~ edges, for Cor. to Secs. 19-24-25-30 from which

A Fir 12 ins. diam. bears  $S. 40^{\circ}W$ , 14 lks. dist. marked T. 23 N. R. 6 E, S. 25 B. T.

A Fir 20 ins. diam. bears  $S. 15^{\circ}40'E$ , 31 lks. dist. marked T. 23 N. R. 7 E, S. 30 B. T.

A Fir 22 ins. diam. bears  $N. 14^{\circ}E$ , 16 lks. dist. marked T. 23 N. R. 7 E, S. 19 B. T.

no other line within limits.

## Chains.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir & Aspen.

Undergrowth of same.

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North between sections 19<sup>th</sup> & 24.

Variation  $14^{\circ} 45'$  East.

Descend.

40.00

Set a sand stone  $15 \times 11 \times 5$  ins., 10 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Fir 20 ins. diam. bears  $\text{S. } 19^{\circ} 25'$ , 40 lks. dist. marked  $\frac{1}{2}$  S. B. T.

An Aspen, 15 ins. diam. bears  $\text{S. } 18^{\circ} 4'$  E, 65 lks. dist. marked  $\frac{1}{2}$  S. B. T.

80.00

An Aspen, 16 ins. dia,

which I marked T 23 N. S. 18 on N. E. R. 7 E S. 19 on S. E. S. 24 on S. W. and S. 13 on N. W. faces, with

3 notches on S. and 3 notches on W edges, for Cor. to Secs. 13, 18, 19<sup>th</sup> & 24; from which

E. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

## Chains.

An aspen, 20 ins. diam. bears  $N. 70^{\circ} E.$ , 22 lks. dist.

marked T. 23 N. R. 7 E. S., 18 B. T.

An aspen, 22 ins. diam. bears  $S. 75^{\circ} E.$ , 33 lks. dist.

marked T. 23 N. R. 7 E. S., 19 B. T.

An aspen, 19 ins. diam. bears  $S. 17 \frac{1}{4}^{\circ} W.$ , 44 lks. dist.

marked T. 23 N. R. 6 E. S., 24 B. T.

An aspen, 8 ins. diam. bears  $N. 59 \frac{1}{2}^{\circ} W.$ , 23 lks. dist.

marked T. 23 N. R. 6 E. S., 13 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine, Fir and Aspen.

Undergrowth of same.

Chains.

North between sections 13 and 18.

Variation 14° 45' East.

Descend.

40.00

Set a Sand stone 14 x 11 x 7 ins., 7 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, and raised a mound of stone. alongside. Pits impracticable.

In Wash, 30 lks. wide, Course N. W. and ascend

50.00

Set a Sand stone 36 x 10 x 7 ins. 27 ins. in the ground for Cor. to Secs: 7, 12, 18 and 18, marked with 4 notches on S. and 2 notches on W edges and raised a mound of stone. alongside. Pits impracticable. from which

1 Yellow Pine 20 ins. diam. bears N. 75° E., 31 lks. dist. marked T. 234 R. 7 E., S., 18 B. T.

1 Yellow Pine 40 ins. diam. bears N. 44 1/2° W., 69 lks. dist. marked T. 234 R. 6 E., S., 24 B. T.

1 Yellow Pine 18 ins. diam. bears N. 27 1/4° W., 24 lks. dist. marked T. 234 R. 6 E., S., 13 B. T.

No other tree within limits

Land mountainous

Soil 3rd rate,

Heavy timber of Pine & Fir.

Undergrowth of same as Aspen.

E. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

## Chains.

- # North between sections 7 <sup>and</sup> 12.  
Variation  $140^{\circ}45'$  East.
- Ascend.
- 24.00 Top of Butte, bears E.  $\frac{1}{2}$  W, and descend.
- 40.00 Set a sand stone  $16 \times 11 \times 5$  ins., 11 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W face, and raised a mound of stone. alongside. Pits impracticable.  
from which
- A Yellow Pine 20 ins. diam. bears S.  $79^{\circ}10'$  W, 30 lbs. dist. marked  $\frac{1}{2}$  S. B. T.
- A Fir 18 ins. diam. bears S.  $22^{\circ}E$ , 80 lbs. dist. marked  $\frac{1}{2}$  S. B. T.
- 60.00 Cross Wash, 8 lbs. wide, Course N. W. and ascend.
- 78.00 Top of Spur, bears N. W. and S. E. and descend.
- 80.00 Set a sand stone  $6 \times 12 \times 5$  ins. 11 ins. in the ground for Cor. to Secs. 1, 6, 7 <sup>and</sup> 12, marked with 5 notch  $\epsilon 0$  on S. and 1 notch on W edges and raised a mound of stone. alongside. Pits impracticable.  
from which
- A Yellow Pine 36 ins. diam. bears N.  $50^{\circ}W$ , 20 lbs. dist. marked T. 23 N. R. 6 E, S. 1 B. T.



E. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains,

A Fir 20 ins. diam. bears N. 15 1/4° E, 106 lks. dist.  
marked T. 23 N. R. 7 E, S., 6 B. T.

A Fir 16 ins. diam. bears S. 28 1/2° E, 140 lks. dist.  
marked T. 23 N. R. 7 E, S., 7 B. T.

No other tree within limits

Land mountainous

Soil 3 m rate,

Heavy timber of Pine and Fir.

Undergrowth of same too open.

North between sections 1 and 6.

Variation 14° 45' East.

Descend.

17.00 Cross Wash, 11 lks. wide, Course N. 10° E, and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for 1/4 Sec. Cor., marked 1/4 S. on W. face; from which

A Yellow Pine 20 ins. diam. bears S. 50° W, 44 lks. dist.  
marked 1/4 S. B. T.

A Yellow Pine 16 ins. diam. bears S. 38 1/2° E, 84 lks. dist.  
marked 1/4 S. B. T.

E. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

80.00

Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Tps. 23 and 24 R's 6 and 7 E. marked T. 24 N. S. 31 on N. E. R. 7 E. S. 6 on S. E. T. 23 N. S. 1 on S. W. and R. 6 E. S. 36 on N. W. faces, with 6 notches on each edge, from which

A Yellow Pine 48 ins. diam. bears  $N. 50^{\circ} W.$ , 84 lks. dist. marked T. 24 N. R. 6 E. S. 36 B. T.

A Yellow Pine 16 ins. diam. bears  $N. 79\frac{1}{2}^{\circ} E.$ , 19 lks. dist. marked T. 24 N. R. 7 E. S. 36 B. T.

A Yellow Pine 14 ins. diam. bears  $S. 29\frac{1}{2}^{\circ} W.$ , 56 lks. dist. marked T. 23 N. R. 6 E. S. 6 B. T.

A Yellow Pine 11 ins. diam. bears  $S. 58^{\circ} E.$ , 92 lks. dist. marked T. 23 N. R. 7 E. S. 4 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Fir.

Undergrowth of same and Aspen.

February 3<sup>rd</sup> 1883.

184

BOOK 1386

S. B. T. 20 N. R. 6 E. G. &amp; S. R. M.

Chains.

From the Cor. to Tps. 22<sup>nd</sup> & 20 N. Rs. 6 & 7 E;  
previously set by me. Iron

West. on a true line between sections 1<sup>st</sup> & 36,

Va.  $14^{\circ}45'$  East

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on N. face; from which

A Fir 20 ins. diam. bears N.  $25^{\circ}$  E, 17 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

An Aspen, 14 ins. diam. bears S.  $10\frac{1}{4}^{\circ}$  E, 38 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

50.00 Leave Timber, Bears. N.  $15^{\circ}$  E, <sup>2<sup>nd</sup></sup> S.  $15^{\circ}$  W,

80.00 Set a sand stone  $16 \times 12 \times 6$  ins.  $1\frac{1}{2}$  ins. in  
the ground for Cor. to Secs. 1, 2, 35<sup>th</sup> & 36, marked  
with 5 notches on W. end, notch on E. edges and  
raised a mound of stone. alongside Pits impracticable.  
Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Fir.

Undergrowth of same and Aspen.

S. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

West. on a true line between sections 2 <sup>and</sup> 35,

Va. 14° 45' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 2, 3, 34 <sup>and</sup> 35, marked T. 23 <sup>U.</sup> S. 35, on N. E., R. 6 E., S. 2 on S. E. <sup>U.</sup> S. 3 on S. W. and S. 34 on N. W. faces, with 4 notches on W. and 2 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

from which

a Yellow Pine 25 ins. diam. bears S. 47° E, 97 lks. dist.

marked T. 22 <sup>U.</sup> R. 6 E., S. 2 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine <sup>and</sup> Fir.

Vegetation, bunchgrass <sup>and</sup> sagebrush.

S. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains,

West. on a true line between sections 3<sup>rd</sup> & 34,  
-Va. 14°45' East.

Descend.



8.48 Cross Road, bears, N. 25° E. <sup>22</sup> W. 25° W.

9.00 Cross Wash, 17 lks. wide, Course N. 45° W and ascend

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft.  
high, 3 1/2 ft. base around post.

50.00 Enter Timber, Bears. N. <sup>22</sup> W.

58.00 Top of Spur, bears N. 50° W. <sup>22</sup> W. 50° E. and descend

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 3, 4, 33 <sup>22</sup> 34  
marked T. 23 N. S. 34, on N. E., R. 6 E, S. 3  
on S. E., S. <sup>22</sup> 4 on S. W, and S. 33 on N. W. faces,  
with 3 notch  on W and 3 notches  on E. edges,  
and raised a mound of stone 2 ft. high, 4 1/2 ft. base  
around post. Pits impracticable. from which

1 Yellow Pine 36 ins. diam. bears S. 55° W, 14 lks. dist.  
marked T. 22 R. 6 E, S. 4 B. T.

1 Yellow Pine 16 ins. diam. bears N. 50° E, 99 lks. dist.

S. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

marked T. 23 N. R. 6 E., S. 34 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate.

Timber of Pine <sup>and</sup> Fir.

Vegetation, bunchgrass <sup>and</sup> sagebrush.

West. on a true line between sections 4 <sup>and</sup> 33.

Var. 14° 40' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on N. face; from which

A Yellow Pine 20 ins. diam. bears N. 40° E., 43 lks. dist. marked 1/2 S. B. T.

A Yellow Pine 10 ins. diam. bears S. 10 1/2° W., 32 lks. dist. marked 1/2 S. B. T.

80.00

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 4, 5, 32 <sup>and</sup> 33 marked T. 23 N.

S. 33 on N. E., R. 6 E., S. 4 on S. E., S. 5 on S. W. and S. 32 on N. W. faces, with 2 notches on W and 4 notches on E. edges; from which

S. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

A Yellow Pine 30 ins. diam. bears N. 20° W., 22 lks. dist.  
marked T. 231 R. 6 E., S., 32 B. T.

A Yellow Pine 20 ins. diam. bears N. 27 1/2° E., 42 lks. dist.  
marked T. 234 R. 6 E., S., 33 B. T.

A Yellow Pine 18 ins. diam. bears S. 9 1/4° E., 62 lks. dist.  
marked T. 324 R. 6 E., S., 4 B. T.

A Yellow Pine 14 ins. diam. bears S. 3 1/2° W., 62 lks. dist.  
marked T. 224 R. 6 E., S., 5 B. T.

Land mountainous

Soil 300 rate,

Heavy timber of Pine and Fir.

Undergrowth of same <sup>and</sup> Aspen.

S. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

## Chains.

West. on a true line between sections 5 and 32,

Va.  $14^{\circ}45'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on N. face; from whichA Yellow Pine 15 ins. diam. bears  $S. 60^{\circ} E, 58$  lks. dist.  
marked  $\frac{1}{2}$  S. B. T.A Yellow Pine 16 ins. diam. bears  $N. 73^{\circ} E, 52$  lks. dist.  
marked  $\frac{1}{2}$  S. B. T.80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 5, 6, 31 & 32  
marked T. 23 N. R. 6 E, S. 5  
on S. E., S. 6 on S. W., and S. 31 on N. W. face,  
with / notch on N. and \ notch on E. edges;  
and raised a mound of stone 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post. Pits impracticable. from whichA Yellow Pine 16 ins. diam. bears  $N. 17^{\circ} 10' W, 47$  lks. dist.  
marked T. 23 N. R. 6 E, S. 31 B. T.A Yellow Pine 20 ins. diam. bears  $S. 84^{\circ} 10' E, 22$  lks. dist.  
marked T. 22 N. R. 6 E, S. 5 B. T.A Yellow Pine 12 ins. diam. bears  $S. 22^{\circ} 40' W, 18$  lks. dist.



C Chains.

marked T. 22 N. R. 6 E. S. 6 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Fir.

Undergrowth of same.

---

West on a true line between sections 6 and 31.

Va.  $14^{\circ}45'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

To allow for convergency, at

78.97 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the  
ground, for Cor. to Tps. 22 and 23 N. R. 5 and  
6 E. marked T. 23 N. S. 31 on N. E. R. 6 E. S.  
6 on S. E. T. 22 N. S. 1 on S. W. and R. 5 E. S.  
36 on N. W. faces, with 6 notches on each edge, from  
which  
A Yellow Pine 12 ins. diam. bears  $21.82\frac{1}{2}$  lbs. dist

S. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

chains.

marked T. 2311 R.  $\frac{5}{6}$  E, S., 36 B. T.A Yellow Pine 16 ins. diam. bears N.  $10\frac{1}{4}$ ° E, 18 lks. dist.

marked T. 2311 R. 6 E, S., 34 B. T.

A Yellow Pine 11 ins. diam. bears S. 40° E, 25 lks. dist.

marked T. 224 R. 6 E, S.,  $\frac{6}{8}$  B. T.A Yellow Pine 12 ins. diam. bears S.  $28\frac{1}{2}$ ° W, 144 lks. dist.marked T. 224 R.  $\frac{5}{6}$  E, S.,  $\frac{1}{2}$  B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine and Fir.

Undergrowth of same.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

February 5<sup>th</sup> 1883.

192  
W. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

From the Cor to Sp. 22<sup>nd</sup> 23<sup>rd</sup> N. R. 5<sup>th</sup> 6<sup>th</sup> E  
previously set by me from  
North between sections 31 and 36.

Variation 14045' East.

Descend.

38.00 Cross Wash, 17 lks. wide. Course  $S 50^{\circ} W$  and ascend.

40.00 Set a sand stone  $20 \times 8 \times 8$  ins., 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, and raised a mound of stone alongside. Pits  
impracticable. from which

A Yellow Pine 20 ins. diam. bears  $S 50^{\circ} E$ , 37 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 13 ins. diam. bears  $N 14^{\circ} 15' W$ , 61 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,  
for Cor. to Secs. 25, 30, 31 <sup>and</sup> 36 marked T. 23 N.  
S. 30 on N. E., R. 6 E, S. 31 on S. E., S. 36 on  
S. W. and S. 25 on N. W. faces, with <sup>N. S. E.</sup> notch on  
S and 5 notch 20 on N edges; from which

A Yellow Pine 14 ins. diam. bears  $N 37^{\circ} E$ , 62 lks. dist.  
marked T. 23 N. R. 6 E, S. 30 B. T.

A Yellow Pine 10 ins. diam. bears  $N 42^{\circ} 15' W$ , 73 lks. dist.  
marked T. 23 N. R. 5 E, S. 25 B. T.

A Yellow Pine 26 ins. diam. bears  $S 47^{\circ} W$ , 63 lks. dist.

Chains.

marked T. 23 N. R. 5 E. S., 36 B. T.

A Yellow Pine 9 ins. diam. bears  $N 45^{\circ} E$ , 87 lks. dist.

marked T. 23 N. R. 6 E. S., 31 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine,

Undergrowth of saw grass and Juniper.

North between sections 25 and 30.

Variation  $14^{\circ} 45'$  East.

Ascend.

32.67 A Yellow Pine 20 ins. diam.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which

A Yellow Pine 30 ins. diam. bears  $N. 12^{\circ} 1/2 W$ , 34 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 10 ins. diam. bears  $S. 43^{\circ} 1/2 E$ , 53 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

50.00 Set a sand stone  $24 \times 12 \times 12$  ins. 18 ins. in  
the ground for Cor. to Secs. 19, 24, 25 & 30, marked  
with 2 notches on S. and 4 notches on W. edges and  
raised a mound of stone. Pits impracticable.

W. B. T. 33 N. R. 6 E. G. & S. R. M.

(Chains,

from which

A Yellow Pine 18 ins. diam. bears N. 10<sup>1</sup>/<sub>4</sub> 25<sup>80</sup> lks. dist.

marked T. 23 N. R. 5 E. S., 24 B. T.

A Yellow Pine 18 ins. diam. bears S. 85<sup>W</sup>, 63 lks. dist.

marked T. 23 N. R. 5 E. S., 25 B. T.

A Yellow Pine 25 ins. diam. bears S. 47<sup>1</sup>/<sub>2</sub> 6, 83 lks. dist.

marked T. 23 N. R. 6 E. S., 30 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine,

Undergrowth of same & Juniper.

W. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

## Chains.

North between sections 19<sup>th</sup> & 24.Variation  $14^{\circ}45'$  East.

Ascend.

40.00 Set a Sand stone  $24 \times 14 \times 12$  ins., 18 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

1 Yellow Pine 15 ins. diam. bears  $N. 20^{\circ} E.$ , 22 lks. dist. marked  $\frac{1}{4}$  S. B. T.

1 Yellow Pine 16 ins. diam. bears  $S. 59^{\circ} \frac{1}{2} W.$ , 92 lks. dist. marked  $\frac{1}{4}$  S. B. T.

73.00 Top of Ridge, bears  $E. \frac{3}{4} W.$  and descend.

80.00 Set a Sand stone  $15 \times 10 \times 8$  ins. 10 ins. in the ground for Cor. to Secs. 13, 18, 19<sup>th</sup> & 24, marked with 3 notches on S. and 3 notches on W. edges and raised a mound of stone. alongside. Pits impracticable.

from which

1 Yellow Pine 30 ins. diam. bears  $N. 40^{\circ} E.$ , 62 lks. dist. marked T. 23 N. R. 6 E. S., 18 B. T.

1 Yellow Pine 20 ins. diam. bears  $N. 74^{\circ} \frac{1}{2} W.$ , 107 lks. dist. marked T. 23 N. R. 5 E. S., 13 B. T.

W. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

A Yellow Pine 15 ins. diam. bears S. 45° W, 106 lks. dist.  
marked T. 23 M. R. 5 E. S., 24 B. T.

A Yellow Pine 10 ins. diam. bears S. 48 1/2° E, 38 lks. dist.  
marked T. 23 M. R. 6 E. S., 19 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same <sup>new</sup> Juniper.

North between sections 13 <sup>and</sup> 18.

Variation 14° 45' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for 1/4 Sec. Cor., marked 1/4 S. on W. face; from which

A Yellow Pine 24 ins. diam. bears S. 30° W, 98 lks. dist.  
marked 1/4 S. B. T.

A Yellow Pine 12 ins. diam. bears N 79 1/4° E, 100 lks. dist.  
marked 1/4 S. B. T.

75.00 Cross Wash, 17 lks. wide, Course S. 70° W and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,  
for Cor. to Secs. 7, 12, 13 & 18 marked T. 23 M.  
S. 7 on N. E., R. 6 E, S. 18 on S. E., S. 13 on  
S. W. and S. 12 on N. W. faces, with 4 notches on

BOOK 1880  
197  
W. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

- S. and 2 notch E<sub>0</sub> on *N* edges; from which
- 1 Yellow Pine 10 ins. diam. bears *N. 33°W*, 49 lbs. dist.  
marked T. 23 *N* R. 6 E, S., 12 B. T.
- 1 Yellow Pine 12 ins. diam. bears *N. 29 1/4°E*, 59 lbs. dist.  
marked T 23 *N* R. 6 E, S., 7 B. T.
- 1 Yellow Pine 10 ins. diam. bears *S. 49 1/2°E*, 97 lbs. dist.  
marked T. 23 *N* R. 6 E, S., 18 B. T.
- 1 Yellow Pine 18 ins. diam. bears *S. 5 1/2°W*, 64 lbs. dist.  
marked T. 23 *N* R. 5 E, S., 13 B. T.

Land mountainous

Soil *3<sup>rd</sup>* rate.

Heavy timber of *Pine*.

Undergrowth of *Saw* and *Juniper*.



Chains.

North between sections 7 and 12,  
 Variation  $14^{\circ}45'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
 for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which

A Yellow Pine 10 ins. diam. bears  $N. 39^{\circ}10' E.$ , 36 lks. dist.  
 marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 20 ins. diam. bears  $S. 60^{\circ} W.$ , 57 lks. dist.  
 marked  $\frac{1}{2}$  S. B. T.

80.00 Set a sand stone  $50 \times 40 \times 36$  ins.  $28$  ins. in  
 the ground for Cor. to Secs. 1, 6, 7 and 12, marked  
 with 5 notch 20 on S. and 1 notch on Wedges and  
 raised a mound of stone. alongside. Pits impracticable.  
 from which

A Yellow Pine 25 ins. diam. bears  $N. 49^{\circ}12' W.$ , 127 lks. dist.  
 marked T. 23 N. R. 6 E. S. 1 B. T.

A Yellow Pine 18 ins. diam. bears  $S. 27^{\circ} E.$ , 38 lks. dist.  
 marked T. 23 N. R. 6 E. S. 7 B. T.

A Yellow Pine 12 ins. diam. bears  $S. 32^{\circ}14' W.$ , 86 lks. dist.  
 marked T. 23 N. R. 6 E. S. 12 B. T.

No other tree within limits.

W. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine,

Undergrowth of same as Juniper.

North between sections 1 and 6,

Variation  $14^{\circ}45'$  East.

Ascend.

40.00 Set a sand stone  $20 \times 18 \times 14$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, and raised a mound of stone. alongside. Pits impracticable.

from which

A Yellow Pine 20 ins. diam. bears  $N. 44^{\circ} W.$ , 91 lks. dist. marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 24 ins. diam. bears  $S. 60^{\circ} E.$ , 68 lks. dist. marked  $\frac{1}{2}$  S. B. T.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Tps. 23 and 24 R's 5 and 6 E. marked T. 24 N. S. 31 on N. E. R. 6 E. S. 6 on S. E. T. 23 N. S. 1 on S. W. and R. 5 E. S. 36 on N. W. faces, with 6 notches on each edge, from which

W. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

A Yellow Pine 20 ins. diam. bears  $N. 30^{\circ} W.$ , 68' lks. dist.  
marked T. 24 N. R. 5 E. S., 36 B. T.

A Yellow Pine 30 ins. diam. bears  $N. 49^{\circ} 14' E.$ , 112 lks. dist.  
marked T. 24 N. R. 6 E. S., 31 B. T.

A Yellow Pine 14 ins. diam. bears  $S. 10^{\circ} 10' E.$ , 43 lks. dist.  
marked T. 23 N. R. 6 E. S., 6 B. T.

A Yellow Pine 10 ins. diam. bears  $S. 22^{\circ} W.$ , 94 lks. dist.  
marked T. 23 N. R. 5 E. S., 1 B. T.

Land mountainous

Soil 3 re rate,

Heavy timber of Pine.

Undergrowth of same and Juniper.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

February 6<sup>th</sup> 1883.

Chains.

Before proceeding further with the exteriors of this T<sub>p.</sub>, I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 23 & 24 N. Rs. 5. & 6 E.,  
previously set by me.  
I run East. on a random line on N. B. of T<sub>p.</sub>

Va.  $14^{\circ}45'$  East.

I set temporary corners at every half mile, and at 5 miles 78.39 chs. I arrive at a point 45 lks. North of Cor. to Tps.  
previously set by me.

23 & 24 N. Rs. 6 & 7 E. from which corner I run  
 $N. 89^{\circ}57' W.$  on a true line between sections 1 & 36,

Va.  $14^{\circ}45'$  East.

Ascend.

14.00 Top of Spur, bears N.  $20^{\circ} E.$   $220$  V.  $20^{\circ} W.$  and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post. from which

A Yellow Pine 50 ins. diam. bears N.  $10^{\circ} E.$ , 145 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

202  
 N. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

No other tree within limits.

42.00 Cross Wash, 11 lks. wide, Course  $N. 45^{\circ} E.$  and ascend.

70.00 Top of Spur, bears  $N. E.$   $\frac{2}{3}$   $S. W.$  and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 1, 2, 35<sup>th</sup> 36, marked T. 24 N. S. 36, on N. E., R. 6 E., S. 1 on S. E. S. <sup>6, 23 N.</sup> 2 on S. W. and S. 35 on N. W. faces, with 5 notch  $E$  on  $W$  and 1 notch on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base around post.

from which

A Yellow Pine 24 ins. diam. bears  $N. 59^{\circ} E.$ , 31 lks. dist. marked T. 24 R. 6 E., S. 36 B. T.

A Yellow Pine 20 ins. diam. bears  $S. 5\frac{1}{2}^{\circ} E.$ , 12 lks. dist. marked T. 23 R. 6 E., S. 1 B. T.

A Yellow Pine 22 ins. diam. bears  $S. 28\frac{1}{4}^{\circ} W.$ , 140 lks. dist. marked T. 23 R. 6 E., S. 2 B. T.

No other tree within limits.

Land mountainous

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine.

Undergrowth of same  $\frac{2}{3}$  Juniper.

N. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ} 57' W$ , on a true line between sections 2<sup>nd</sup> & 35Va.  $14^{\circ} 45'$  East

Descend.

24.00 Enter Flat bears N.  $45^{\circ} E$ .  $\frac{1}{2}$  mi. S.  $45^{\circ} W$ , and

Leave Timber, Bears same.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. onN. face, dug pits, 18 x 18 x 12 ins., E. and abt  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 2, 3, 34<sup>th</sup> & 35,

marked T. 24 N. S. 35, on N. E., R. 6 E., S. 2

on S. E. S. <sup>23<sup>rd</sup></sup> 3 on S. W. and S. 34 on N. W. faces,with 4 notches on W and 2 notches on E. edges,  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land mountainous and level.

Soil 3<sup>rd</sup> rate,

Heavy timber of Pine,

Undergrowth of same and Juniper.

N. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

N 89° 57' W on a true line between sections 3<sup>rd</sup> & 34.  
 Va. 14° 45' East.

Over level land

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
 N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
 post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
 high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 3, 4, 33<sup>rd</sup> & 34,  
 marked T. 24 N. S. 34, on N. E. R 6 E, S. 3  
 on S. E. S. 4 on S. W. and S. 33 on N. W. face,  
 with 3 notches on W. and 3 notches on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
 around post.  
 Land level.

Soil 3<sup>rd</sup> rate

Vegetation, bunch grass and agave.

A. B. T. 23 N. R. 6

BOOK 1386  
E. G. & S. R. M.

Chains.

$N. 89^{\circ} 57' W.$  on a true line between sections 4 <sup>4</sup>/<sub>4</sub> 33.

$Va. 14^{\circ} 40' East.$

Over level land

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and W. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4, 5, 32 <sup>2</sup>/<sub>2</sub> 33,  
marked T. 24 N. S. 33, on N. E., R. 6 E, S. 4  
on S. E., S. 5 on S. W. and S. 32 on N. W. faces,  
with 2 notches on W. and 4 notch ~~is~~ on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land level.

Soil 3<sup>rd</sup> rate

Vegetation, *Carex* ~~and~~ *vegetation*



## Chains.

N. 87° 57' W. on a true line between sections 5<sup>th</sup> 32,

Va. 14° 45' East

Over level land

6.00 Leave Flat bears N. 45° W. <sup>9</sup>/<sub>16</sub> N. 45° E. and ascend, <sup>9</sup>/<sub>16</sub>  
Enter Timber, Bears. N. 45° W. <sup>9</sup>/<sub>16</sub> N. 45° E.

40.00 Set a Sand stone 14 x 11 x 6 ins., 9  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, and raised a mound of stone. alongside. Pits  
impracticable.

from which

1 Yellow Pine 14 ins. diam. bears N. 74° 14' E., 41 lbs. dist.  
marked  $\frac{1}{2}$  S. B. T.

1 Yellow Pine 10 ins. diam. bears S. 70° W., 65 lbs. dist.  
marked  $\frac{1}{2}$  S. B. T.

80.00 1 Yellow Pine 30 ins. diam.  
which I marked T<sub>24</sub> N. S. 32 on N. E. R. 68 S. 5 on  
S. E. S. 6 on S. W. and S. 31 on N. W. faces, with  
1 notch on <sup>8</sup>/<sub>16</sub> and 5 notch <sup>5</sup>/<sub>16</sub> on E. edges, for

Cor. to Secs. 5, 6, 31 <sup>and</sup> 32 from which  
1 Yellow Pine 40 ins. diam. bears N. 70° W., 57 lbs. dist.  
marked T. 24 N. R. 6 E. S. 31 B. T.

1 Yellow Pine 30 ins. diam. bears S. 39° 12' W., 84 lbs. dist.

N. B. T. 23 N. R. 6 E. G. & S. R. M.

Chains.

marked T. 23 N. R. 6 E. S. 6 B. F.

1 Yellow Pine 22 ins. diam. bears  $\text{S. } 27^{\circ} \frac{1}{2} \text{ E.}$  120 lbs. dist.

marked T. 23 N. R. 6 E. S. 5 B. F.

No other tree within limits.

Land mountainous and level.

Soil ~~poor~~ rate,

Heavy timber of Pine.

Undergrowth of same and Juniper.

N. B. T. 23 N. R. 6 E. G. &amp; S. R. M.

Chains.

N.  $89^{\circ} 57' W$ , on a true line between sections 6  $\frac{1}{2}$  31.Va.  $14^{\circ} 45'$  East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face; from whichA Yellow Pine 12 ins. diam. bears N.  $48^{\circ} E$ , 9 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.A Yellow Pine 14 ins. diam. bears S.  $26^{\circ} W$ , 82 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

78. 39

The Cor. to Tps. 23  $\frac{1}{2}$  24 N. Rs. 5 & 6 E.

Land mountainous

Soil 3<sup>rd</sup> rate.

Heavy timber of Pine.

Undergrowth of same <sup>was</sup> jumped.February 7<sup>th</sup> 1883.

For Final Cuths see

Book No 14

## U. S. Surveyor General's Office,

Tucson, Arizona, Feb 25, 1884

The foregoing Field Notes of the Survey of the

Anterior lines of

Townships 19 & 20 N. Range 1 E.; T<sup>h</sup>. 21 N. R. 2 E.;

Township 22 N. Rs. 2, 3 &amp; 6 E.;

Townships 23 North, Range 2, 3, 4 &amp; 6 E.

Township 24 North, Range 3 E.

Of the Gila and Salt River Base and Meridian, Arizona, executed by W. R. Fitzgerald

Deputy Surveyor, under his contract of the 27<sup>th</sup>

day of July, 1882 having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved

Royal Johnson  
Surveyor General.