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**FIELD-NOTES**

No. 1352

OF BOOK 1352  
*a portion of*

The **EXTERIOR** Lines of

Township of 10, 11 <sup>and</sup> 12 North,

Range 18 East,

Gila and-Salt River Meridian Arizona.

BY

BOOK 1352

*H. A. Cox* Deputy Surveyor.

under his contract of *July 25<sup>th</sup>* 1882.

Survey commenced *May 2<sup>nd</sup>* 1883.

Survey completed *May 7<sup>th</sup>* 1883.

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BOOK 1352

N-W & S-T. 10 N; R 18 E  
N+W -T. 11 N; " 18 E  
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S. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

chains.

From the Cor. to Tps. 9<sup>th</sup> & 10 N. Rs. 18 & 19 E.,

previously described, from  
West. on a true line between sections 1<sup>st</sup> & 36.

Va.  $14^{\circ} 12'$  East.

Descend.

10.00 Cross Wash, 13 lks. wide, Course  $S. 62^{\circ} 42'$  and ascend.

36.00 Top of Spur, bears  $N. W. \frac{1}{2} S. E.$  and 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 W. face; from which

A Yellow Pine 7 ins. diam. bears  $N. 36^{\circ} 12' W.$ , 172 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Pine 15 ins. diam. bears  $S. 64^{\circ} 14' E.$ , 221 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

56.00 Cross Wash, 9 lks. wide, Course  $S. 24^{\circ} E.$  and ascend.

80.00 Set a sand stone  $15 \times 12 \times 7$  ins. 10 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 & Juniper

Vegetation, bunchy grass.

S. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

Chains.

West. on a true line between sections 2<sup>nd</sup> and 35.

Va. 14° 09' East.

Ascend.

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

40.00 Set a Sand stone 13<sup>x</sup> 4<sup>x</sup> 4 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

A Juniper 17 ins. diam. bears N. 29° E., 127 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 16 ins. diam. bears N. 75° W., 213 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

50.00 Cross Wash, 17 lks. wide, Course S. 10° E. and ascend

80.00 Set a Sand stone 16 x 14 x 5 ins. 11 ins. in  
the ground for Cor. to Secs. 2, 3, 34<sup>th</sup> and 35<sup>th</sup> marked  
with 4 notches on W. and 2 notches on E. edges and  
raised a mound of stone. alongside, Pits impracticable.  
from which

A Pine 11 ins. diam. bears S. 31° E., 209 lks. dist.  
marked T. 9 N. R. 18 E. S., 2 B. T.

A Pine 13 ins. diam. bears S. 35° W., 127 lks. dist.  
marked T. 9 N., R. 18 E., S., 3 B. T.

No other tree within limits.

S. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

Chains.

Land mountainous

Soil 3<sup>rd</sup> rate.Timber of Pine <sup>and</sup> Juniper.

Vegetation, bunchgrass.

West. on a true line between sections 3 <sup>and</sup> 34.Va.  $14^{\circ} 09'$  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 Pine 15 ins. diam. bears N.  $33^{\circ}$  E., 171 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.A Pine 21 ins. diam. bears S.  $63^{\circ}$  W., 127 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.62.00 Top of Spur, bears N.  $46^{\circ}$  E.  $\frac{1}{2}$  S.  $46^{\circ}$  W. and descend80.00 Set a sand stone  $33 \times 12 \times 4$  ins. 24 ins. in  
the ground for Cor. to Secs. 3, 4,  $30^{\circ}$   $\frac{1}{2}$  34, marked  
with 3 notches on W and 3 notches on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
from whichAn Oak 9 ins. diam. bears S.  $57^{\circ}$   $\frac{1}{2}$  W., 291 lks. dist.

S. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

Chains,

marked T. 911. R. 18 E, S., 4 B. T.

An Oak 7 ins. diam. bears  $N. 73^{\circ} W$ , 102 lbs. dist.

marked T. 1011 R. 18 E, S., 33 B. T.

A Pine 22 ins. diam. bears  $N. 48^{\circ} E$ , 251 lbs. dist.

marked T. 1011 R. 18 E, S., 34 B. T.

A Pine 12 ins. diam. bears  $S. 61^{\circ} E$ , 95 lbs. dist.

marked T. 94. R. 18 E, S., 3 B. T.

Land mountainous

Soil 3<sup>rd</sup> rate.Timber of Pine<sup>3</sup> & Juniper.

Vegetation, bunchgrass.

S. B. T. 10 N. R. 18 E. G. & S. R. M.

Chains,

West. on a true line between sections 4<sup>and</sup> 33.  
Va. 140° 9' 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 N. face, and raised a mound of stone 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base around post. Pits impracticable.

47.00 Cross Wash, 22 lks. wide, Course S. 82° W., thence over Valley, bears N. <sup>and</sup> S.

58.00 Leave Valley, bears N. <sup>and</sup> S. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 21, 5, 32<sup>and</sup> 33 marked T. 10 N. S. 33 on N. E., R. 18 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  
A Pine 5 ins. diam. bears N. 7° E, 110 lks. dist.  
marked T. 10 N. R. 18 E, S., 33 B. T.

A Pine 13 ins. diam. bears N. 24° W, 200 lks. dist.  
marked T. 10 N. R. 18 E, S., 32 B. T.

A Pine 17 ins. diam. bears S. 62° 14' E, 142 lks. dist.  
marked T. 9 N., R. 18 E, S., 4 B. T.

S. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

Chains.

A Pine 8 ins. diam. bears  $S. 75^{\circ} W.$ , 33 lks. dist.  
marked T. 94, R. 18 E, S., S. B. T.

Land mountainous and rolling.

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

Timber of Pine & Juniper.

Vegetation, bunch grass.

West. on a true line between sections 5 and 32.

Va.  $14^{\circ} 10'$  East.

Ascend.

11.00 Top of Hill bears  $N. \text{ and } S.$  and descend.

40.00 Set a sand stone  $18 \times 7 \times 7$  ins., 12  
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  $N. 24^{\circ} 10' E.$ , 171 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 6 ins. diam. bears  $S. 81^{\circ} W.$ , 48 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

55.00 Cross Wash, 20 lks. wide, Course  $S. 43^{\circ} E.$  and ascend



7  
 S. B. T. 10 N. R. 18 E. G. & S. R. M.

Chains.

80.00

- Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,  
 for Cor. to Secs. 5, 6, 31<sup>or</sup> 32 marked T. 1011.  
 S. 32 on N. E., R. 18 E., S. 5 on S. E., S. 6 on  
 S. W. and S. 31 on N. W. faces, with 1 notch on  
~~A~~ and 5 notches on E. edges; from which  
 a Yellow Pine 15 ins. diam. bears N. 28° E., 174 lks. dist.  
 marked T. 1011, R. 18 E., S., 32 B. T.  
 a Yellow Pine 13 ins. diam. bears N. 63° W., 244 lks. dist.  
 marked T. 1011, R. 18 E., S., 31 B. T.  
 a White Oak 7 ins. diam. bears S. 41° E., 164 lks. dist.  
 marked T. 911, R. 18 E., S., 5 B. T.  
 a Spruce 15 ins. diam. bears S. 9° W., 207 lks. dist.  
 marked T. 911, R. 18 E., S., 6 B. T.

Land mountainous

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

Timber of Pine, Spruce, Oak & Juniper.  
 Vegetation, bunchgrass.

S. B. T. 10 N. R. 15 E. G. &amp; S. R. M.

chains.

West. on a true line between sections 6<sup>th</sup> & 31,  
Va.  $14^{\circ}10'$  East.

Over broken land.

40.00 Set a Sand stone  $24 \times 12 \times 6$  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.

from which

An Oak 19 ins. diam. bears N.  $51^{\circ}E$ , 150 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

An Oak 17 ins. diam. bears S.  $66^{\circ}W$ , 100 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

42.00 Cross Wash, 20 lks. wide, Course S.W. and ascend.

52.00 Cross Trail, bears N.  $40^{\circ}E$ . <sup>2</sup>W. S.  $40^{\circ}W$ .

To allow for conveyance, at

79.50 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the  
ground, for Cor. to Tps. 9 and 04. R's 17 and  
18 E. marked T. 104 S. 31 on N. E. R. 18 E. S.  
6 on S. E. T. 9 N. S. 1 on S. W. and R. 17 E. S.  
36 on N. W. faces, with 6 notches on each edge, from  
which

A Yellow Pine 16 ins. diam. bears N.  $60^{\circ}E$ , 255 lks. dist.  
marked T. 104, R. 18 E. S., 31 B. T.

V. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

## Chains.

A Yellow Pine 13 ins. diam. bears N. 53° W, 191 lbs. dist.

marked T. 104, R. 17 E, S., 36 B. T.

An Oak 7 ins. diam. bears S. 78° E, 238 lbs. dist.

marked T. 94, R. 18 E, S., 6 B. T.

An Oak 8 ins. diam. bears S. 31° W, 76 lbs. dist.

marked T. 94 R. 17 E, S., 1 B. T.

Land mountainous

Soil 2<sup>nd</sup> & 3<sup>rd</sup> rate.

Timber of Pine, Oak &amp; Juniper.

Vegetation, bunchgrass.

May 2<sup>nd</sup> 1880.

W. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

## Chains.

From the Cor. to Tps. 9<sup>and</sup> 10 N. Rs. 17 & 18 E,  
 just established by me  
 I run,

North on a true line between sections 31<sup>and</sup> 36.

Va.  $14^{\circ}10'$  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 which

A Yellow Pine 13 ins. diam. bears  $N. 52^{\circ} E$ , 278 lks. dist.  
 marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 11 ins. diam. bears  $N. 63^{\circ} W$ , 125 lks. dist.  
 marked  $\frac{1}{4}$  S. B. T.

80.00

Set a sand stone  $36 \times 10 \times 7$  ins. 27 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 14 ins. diam. bears  $N. 15^{\circ} E$ , 238 lks. dist.  
 marked T. 10 N. R. 18 E, S., 30 B. T.

A Yellow Pine 12 ins. diam. bears  $N. 72^{\circ} W$ , 160 lks. dist.  
 marked T. 10 N., R. 17 E, S., 25 B. T.

A Yellow Pine 20 ins. diam. bears  $S. 43^{\circ} W$ , 117 lks. dist.  
 marked T. 10 N. R. 17 E, S., 36 B. T.

P. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

ains.

Ch

A White Oak 9 ins. diam. bears S. 16° E., 150 yds. dist.  
marked T. 10 N. R. 18 E. S., 31 B. T.

Land mountainous

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

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

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North on a true line between sections 25<sup>E</sup> & 30.

Va. 14° 10' East.

Ascend.

10.00 Top of Spur, bears E. <sup>and</sup> 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, and raised a mound of stone 1  $\frac{1}{2}$  ft. high,

3  $\frac{1}{2}$  ft. base around post. Pits impracticable.

61.50 Cross Wash, 17 yds. wide, Course S. 45° W. and ascend.

30.00 Set a sand stone 42 x 12 x 8 ins. 36 ins. in

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

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

raised a mound of stone. alongside. Pits impracticable.

Land mountainous

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

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

ains.

North on a true line between sections 19<sup>and</sup> 24,

Va. 14° 10' East.

Ascend.

38.00 Top of Ridge, bears N. E. <sup>24</sup> S. W. and along same.

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 which

A Yellow Pine 13 ins. diam. bears N. 25° E, 147 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 10 ins. diam. bears S. 65° W, 243 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

55.00 Descend.

0.00 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. 104 S. 18, or N. E., R. 18 E, S. 19

on S. E. <sup>R. 17 E.</sup> 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 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 17 ins. diam. bears N. 26° E, 128 lks. dist.

marked T. 104 R. 18 E, S., 18 B. T.

W. B. T. 10 N. R. 18 E. G. & S. R. M.

Chains.

A Yellow Pine 5 ins. diam. bears  $S. 33^{\circ} E.$ , 100 lks. dist.  
marked T. 10 W., R. 18 E., S., 17 B. T.

A Yellow Pine 8 ins. diam. bears  $N. 47^{\circ} W.$ , 226 lks. dist.  
marked T. 10 W., R. 17 E., S., 13 B. T.

No other tree within limits.

Land mountainous

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

Timber of Pine, Juniper & Oak.

Vegetation, bunchgrass.

W. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 13 <sup>and</sup> 18.Va.  $14^{\circ}10'$  East.

Descend.

40.00 Set a sand stone  $20 \times 10 \times 7$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W. face, dug pits,  $18 \times 18 \times 12$  ins., N. and S. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside. from which

A Yellow Pine 13 ins. diam. bears N.  $27^{\circ}14'E$ , 25 lks. dist. marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 10 ins. diam. bears S.  $62^{\circ}14'W$ , 176 lks. dist. marked  $\frac{1}{2}$  S. B. T.

47.00 Cross Wash, 9 lks. wide, Course S.  $48^{\circ}20'$  and ascend,

50.00 Set a post 4 ft. long, 4 ins. square, 2 $\frac{1}{2}$  ins. in the ground, for Cor. to Secs. 7, 12, 13 <sup>and</sup> 18, marked T. 104. S. 7 on N. E., R. 18 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 N. edges; from which

A Yellow Pine 15 ins. diam. bears N.  $57^{\circ}12'E$ , 86 lks. dist. marked T. 104, R. 18 E, S., 7 B. T.

A Yellow Pine 21 ins. diam. bears N.  $72^{\circ}W$ , 120 lks. dist. marked T. 104, R. <sup>E</sup>18, S., 12 B. T.



W. B. T. 10 N. R. 18 E. G. & S. R. M.

Chains.

An Oak 14 ins. diam. bears  $\text{S. } 51^{\circ} \text{W.}$  265 lks. dist.  
marked T. 10 *u*, R. 17 *E*, S., 13 B. T.

A Juniper 13 ins. diam. bears  $\text{S. } 33^{\circ} \text{E.}$  291 lks. dist.  
marked T. 10 *u*, R. 18 *E*, S., 18 B. T.

Land mountainous

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

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

Vegetation, bunchgrass.

North on a true line between sections 7<sup>*th*</sup> and 12,  
Va. 14<sup>*th*</sup> 10' East.

Ascend.

2.70 Top of Ridge, bears  $\text{N. } 76^{\circ} \text{W.}$  and descend.

40.00 Set a sand stone 25 x 10 x 6 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 Yellow Pine 13 ins. diam. bears  $\text{N. } 76^{\circ} \text{W.}$  125 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 10 ins. diam. bears  $\text{S. } 61^{\circ} \text{E.}$  75 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

W. B. T. 10 N. R. 18 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. 1, 6, 7 <sup>and 12,</sup>

marked T. 104 S. 6, on N. E., R. 18 E., S. 7

on S. E., S. <sup>R. 17 E.</sup> 12 on S. W., and S. 1 on N. W. face,

with 3 <sup>^</sup> notch 20 on S. and 1 notch on ~~W~~ edges;

and raised a mound of stone 2 ft. high, 4 1/2 ft. base

around post. Pits impracticable.

Land mountainous

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

Timber of Pine, Spruce, Juniper <sup>or</sup> Oak,

Vegetation, bunchgrass.

W. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

chains.

North on a true line between sections 1<sup>2nd</sup> & 6.Va.  $14^{\circ}10'$  East.

Descend.

40.00 Set a sand stone  $6 \times 12 \times 7$  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 13 ins. diam. bears  $N. 56^{\circ} E$ , 191 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Juniper 8 ins. diam. bears  $N. 60^{\circ} W$ , 291 lks. dist. marked  $\frac{1}{4}$  S. B. T.

52.31 Cross Wash, 15 lks. wide. Course S. W. and ascend.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Tps. 10 and 11 N. R's 17 and 18 E. marked T. 11 N. S. 31 on N. E. R. 18 E. S. 6 on S. E. T. 10 N. S. 1 on S. W. and R. 17 E. S. 86 on N. W. faces, with 6 notches on each edge, from which

A Yellow Pine 15 ins. diam. bears  $N. 70^{\circ} E$ , 67 lks. dist. marked T. 11 N. R. 18 E. S. 31 B. T.

A Yellow Pine 13 ins. diam. bears  $S. 64^{\circ} E$ , 21 lks. dist.

W. B. T. 10 N. R. 18 E. G. & S. R. M.

chains.

marked T. 104 R. 18 E. S., 6 B. T.

A Spruce 17 ins. diam. bears  $S. 49^{\circ} W$ , 171 lks. dist.

marked T. 104. R. 17 E. S., 1 B. T.

A Yellow Pine 7 ins. diam. bears  $N. 82^{\circ} W$ , 236 lks. dist.

marked T. 114, R. 17 E. S., 36 B. T.

Land mountainous

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

Timber of Pine, Spruce, Juniper & Oak.

Vegetation, bunchgrass.

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

May 3<sup>rd</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. 10 & 11 N., Rs. 17 & 18 E., ~~just established by me~~ I run East. on a random line on N. B. of Tp.

Va. 14° 14' East.

I set temporary corners at every half mile, and at 6 miles 1.16 chs. I arrive at a point 126 lks. South of Cor. to Tps. 10 & 11 N., Rs. 18 & 19 E., previously set by me.

from which corner I run S. 89° 51' W. on a true line between sections 1 & 36,

Va. 14° 15' East.

Descend.

13.80 Cross Wash, 20 lks. wide. Course N. 21° E. and ascend.

25.00 Top of Spur, bears N. 19° E. or S. 19° W. and descend.

40.00 Set a sand stone 15 x 12 x 7 ins., 12 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

N. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

## Chains.

A Yellow Pine 30 ins. diam. bears  $N. 12^{\circ} E$ , 18 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Yellow Pine 16 ins. diam. bears  $S. 71^{\circ} W$ , 45 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

41.33 Cross Wash, 17 lks. wide, Course  $N. 10^{\circ} E$  and ascend.

80.00 Set a sand stone  $20 \times 10 \times 7$  ins. 15 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.  
from which

A Yellow Pine 14 ins. diam. bears  $S. 41^{\circ} E$ , 75 lks. dist.  
marked T. 10<sup>th</sup> R. 18<sup>th</sup> E. S., 1 B. T.

A Yellow Pine 11 ins. diam. bears  $S. 69^{\circ} W$ , 111 lks. dist.  
marked T. 10<sup>th</sup> R. 18<sup>th</sup> E. S., 2 B. T.

A Yellow Pine 7 ins. diam. bears  $N. 26^{\circ} W$ , 46 lks. dist.  
marked T. 11<sup>th</sup> R. 18<sup>th</sup> E. S., 35 B. T.

No other tree within limits.

Land mountainous

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

Timber of Pine & Juniper,

Vegetation, bunchgrass.

N. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

## Chains.

~~S. 89° 55' W on a true line between sections 2<sup>nd</sup> & 35<sup>th</sup>.~~

Va. 14° 14' E

Descend.

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

40.00 Set a Sand stone 22 x 12 x 8 ins., 16 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 11 ins. diam. bears S. 28° 14' W, 18 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Pine 7 ins. diam. bears N. 45° 14' W, 20 lks. dist. marked  $\frac{1}{4}$  S. B. T.

42.00 Top of Spur, bears N. 10° E.  $\frac{1}{4}$  S. 10° W and descend.

55.90 Cross Wash, 10 lks. wide, Course N. 45° E and ascend.

80.00 Set a Sand stone 18 x 8 x 7 ins. 12 ins. in the ground for Cor. to Secs. 2, 3, 34<sup>th</sup> & 35<sup>th</sup> 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 8 ins. diam. bears N. 3° E, 30 lks. dist. marked T. 11 N. R. 18 E, S., 35 B. T.

N. B. T. 10 N. R. 18 E. G. & S. R. M.

Yellow Pine 8 ins. diam. bears  $S. 15^{\circ} 21' W$ , 23 lks. dist.  
marked T. 104, R. 18 E., S., 3 B. T.

No other tree within limits.

Land mountainous

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

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

$S. 89^{\circ} 51' W$  on a true line between sections 3<sup>rd</sup> and 34.

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

Ascend.

40.00 Set a sand stone  $16 \times 12 \times 7$  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  $\nearrow$

A Yellow Pine 17 ins. diam. bears  $N. 25^{\circ} E$ , 100 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 11 ins. diam. bears  $S. 41^{\circ} 14' W$ , 78 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

46.80 Top of Ridge, bears  $N. 43^{\circ} 14' W$ . and  
 $S. 43^{\circ} 14' E$ . and descend.



N. B. T. 10 N. R. 18 E. G. & S. R. M.

Chains.

62.50 Cross Wash, 20 lks. wide, Course S. 8° W. and ascend.

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

80.00 Set a Sand stone 27 x 18 x 7 ins. 21 ins. in  
the ground for Cor. to Secs. 3, 4, 33<sup>rd</sup> 34, marked  
with 3 notches on W and 3 notches on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
from which

1 Yellow Pine 15 ins. diam. bears S. 30° W., 64 lks. dist.  
marked T. 10 N., R. 18 E., S., 4 B. T.

2 Yellow Pine 10 ins. diam. bears N. 10° W., 46 lks. dist.  
marked T. 11 N., R. 18 E., S., 33 B. T.

No other tree within limits.

Land mountainous

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

Timber of Pine, Juniper, Spruce & Birch.  
Vegetation, bunchgrasses.

N. 3 T. 10 N. R. 18 E. G. &amp; S. R. M.

## Chains.

S. 89° 57' W. on a true line between sections 4<sup>th</sup> & 33.

Va. 14° 14' East.

Descend.

21.87 Cross Wash, 13 lks. wide, Course S. W. and ascend.

26.00 Top of Spur, bears N. 90° S. and descend.

100.00 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.

69.84 Cross Wash, 16 lks. wide, Course S. W. and ascend.

80.00 Set a sand stone 16 x 11 x 4 ins. 11 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.  
 from which

1 Yellow Pine 17 ins. diam. bears N. 17° E., 117 lks. dist.  
 marked T. 11 N., R. 18 E., S., 33 B. T.

1 Yellow Pine 6 ins. diam. bears N. 64° W., 163 lks. dist.  
 marked T. 11 N., R. 18 E., S., 32 B. T.

1 Yellow Pine 14 ins. diam. bears S. 21° W., 94 lks. dist.  
 marked T. 10 N., R. 18 E., S., 5 B. T.

N. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

Chains.

An Oak 8 ins. diam. bears  $S. 45^{\circ} E.$ , 77 lks. dist.  
marked T. 10 N. R. 18 E. S., 4 B. T.

Land mountainous

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

Timber of Pine, Spruce, Juniper & Oak,  
Vegetation, bunching grass.

$S. 89^{\circ} 51'$  along a true line between sections 5<sup>th</sup> & 32.

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

Ascend.

18.50 Top of Hill bears  $N. 42^{\circ} W.$ , and descend.

32.91 Cross Wash, 9 lks. wide, Course  $S. 61^{\circ} W.$  and ascend.

40.00 Set a sand stone  $18 \times 12 \times 5$  ins., 12  
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 10 ins. diam. bears  $S. 73^{\circ} E.$ , 261 lks. dis.  
marked  $\frac{1}{4}$  S. B. T.

A Yellow Pine 10 ins. diam. bears  $N. 65^{\circ} W.$ , 176 lks. dis.  
marked  $\frac{1}{4}$  S. B. T.

N. B. T. 10 N. R. 18 E. G. &amp; S. R. M.

## Chains.

80.00 Set a sand stone  $20 \times 7 \times 7$  ins. 15 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. Land mountainous

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

Timber of Pine, Juniper, Spruce & Oak.  
Vegetation, bunchgrass.

$S. 89^{\circ} 25' W$ , on a true line between sections 6<sup>th</sup> & 31.

Va. 14<sup>th</sup> 14 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 *N.* face; from which

A Juniper 8 ins. diam. bears  $S. 26^{\circ} E$ , 29 lks. dist. marked  $\frac{1}{2}$  S. B. T.

A Juniper 14 ins. diam. bears *N. 7^{\circ} W*, 68 lks. dist. marked  $\frac{1}{2}$  S. B. T.

81.16 The Cor. to Tps. 10<sup>th</sup> & 11 N. Rs. 17 & 18 E.,

Land mountainous

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

Timber of Pine, Spruce, Juniper & Oak.

Vegetation, bunchgrass. May 4<sup>th</sup> 1883.

W. B. T. 11 N. R. 18 E. G. &amp; S. R. M.

Chains.

From the Cor. to Tps. 10 <sup>and 11</sup> N. Rs. 17 & 18 <sup>E</sup>,  
 recently established by me -  
 I run,

North on a true line between sections 31 <sup>and 36</sup>,  
 Va. 14° 14' East.

Ascend.

27.00 Top of Ridge, bears N. 51° E. <sup>and</sup> S. 51° W.  
 and descend.

40.00 Set a Sand stone 17 x 12 x 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 18 ins. diam. bears N. 87° E., 246 lks. dist.  
 marked  $\frac{1}{4}$  S. B. T.

a Yellow Pine 10 ins. diam. bears S. 44° W., 310 lks. dist.  
 marked  $\frac{1}{4}$  S. B. T.

65.00 Cross Wash, 25 lks. wide, Course N. 16° E. and ascend.

80.00 Set a Sand stone 24 x 15 x 5 ins. 18 ins. in  
 the ground for Cor. to Secs. 25, 30, 31 <sup>E</sup> & 36, marked  
 with ) notch on S. and 5 notches on W edges and  
 raised a mound of stone. alongside. Pits impracticable.  
 from which

W. B. T. 11 N. R. 18 E. G. &amp; S. R. M.

## Chains.

1 Yellow Pine 21 ins. diam. bears  $N. 21^{\circ} W.$ , 116 lbs. dist.  
marked T. 114, R. 17 E. S., 25 B. T.

1 Yellow Pine 16 ins. diam. bears  $S. 75^{\circ} E.$ , 216 lbs. dist.  
marked T. 114, R. 18 E. S., 31 B. T.

An Oak 7 ins. diam. bears  $S. 30^{\circ} W.$ , 175 lbs. dist.  
marked T. 114, R. 17 E. S., 36 B. T.

No other tree within limits.

Land mountainous

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

Timber of Pine, Spruce, Juniper & Oak.

Vegetation, bunchgrass.

29  
W. B. T. 11 N. R. 18 E. G. & S. R. M.

Chains.

North on a true line between sections 25<sup>th</sup> & 30.Va.  $14^{\circ}14'$  East.

Descend.

27.25 Cross Wash, 20 lks. wide, Course  $43^{\circ}$  East ascend.40.00 Set a sand stone  $19 \times 13 \times 7$  ins., 14 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 7 ins. diam. bears  $N. 81^{\circ}12' E.$ , 25 lks. dist. marked  $\frac{1}{4}$  S. B. T.A Yellow Pine 15 ins. diam. bears  $S. 63^{\circ} W.$ , 120 lks. dist. marked  $\frac{1}{4}$  S. B. T.78.00 Cross Wash, 10 lks. wide, Course  $N. E.$ 80.00 Set a sand stone  $20 \times 10 \times 10$  ins. 15 ins. in the ground for Cor. to Secs. 19, 24, 25<sup>th</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 Yellow Pine 14 ins. diam. bears  $N. 47^{\circ} E.$ , 117 lks. dist. marked T. 11 W., R. 18 E., S., 19 B. T.A Yellow Pine 22 ins. diam. bears  $S. 76^{\circ} E.$ , 57 lks. dist. marked T. 11 W., R. 18 E., S., 30 B. T.

W. B. T. 11 N. R. 18 E. G. & S. R. M.

Chains.

A Yellow Pine 15 ins. diam. bears  $S. 38^{\circ} W.$  162 lks. dist.  
marked T. 11 U., R. 17 E., S., 25 B. T.

A Yellow Pine 10 ins. diam. bears  $N. 65^{\circ} W.$  281 lks. dist.  
marked T. 11 U., R. 17 E., S., 24 B. T.

Land mountainous and rolling.

Soil *gne* rate.

Timber of Pine,

Vegetation, bunchgrass.

North on a true line between sections 19 <sup>and</sup> 24.

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

Over rolling land.

16.00 Leave Valley, bears  $N. E.$  and  $S. W.$  and ascend.

40.00 An Oak 14 ins. diam. which I marked  $\frac{1}{2}$  S. on  
W face, for  $\frac{1}{2}$  Sec. Cor.; from which

An Oak 10 ins. diam. bears  $N. 35^{\circ} E.$  23 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Pine 15 ins. diam. bears  $S. 64^{\circ} W.$  225 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

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



W. B. T. // N. R. 18 E. G. & S. R. M.

## Chains.

58.00 Enter Valley, bears, N. E. and S. W.

72.00 Cross Road,

runs E. and W.

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>24</sup>,  
 marked T // U. S. 18, or N. E., R. 15 E., S. 19  
 on S. E. <sup>R. 17 E.</sup> 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 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 round post.

Land mountainous and rolling.

Soil 3rd rate.

Timber of Pine and Oak.

Vegetation, bunchgrass,

W. B. T. 11 N. R. 18 E. G. & S. R. M.

Chains.

North on a true line between sections 13<sup>rd</sup> and 18.

Var. 14° 14' East.

Over Valley.

- 1.75 Leave Valley, bears  $N. E.$  and  $S. W.$  and ascend.
- 20.00 Top of Hill bears  $N. E.$  and  $S. W.$  and descend.
- 30.23 Cross Wash, 26 lks. wide, Course  $E.$  and ascend.
- 40.00 Set a sand stone  $20 \times 12 \times 8$  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 16 ins. diam. bears  $S. 55^{\circ} E.$ , 69 lks. dist. marked  $\frac{1}{4}$  S. B. T.
- A Yellow Pine 20 ins. diam. bears  $S. 16^{\circ} W.$ , 87 lks. dist. marked  $\frac{1}{4}$  S. B. T.
- 64.00 Top of Mesa, bears  $N. 5^{\circ} E.$  and  $S. 5^{\circ} W.$  along same.
- 80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 7, 12, 13<sup>rd</sup> and 18, marked T. 11  $N.$  S. 7 on N. E., R. 18 E. S. 18 on S. E., S. 13 on S. W. and S. 12 on N. W. faces, with 4 notch  $\infty$  on S. and 2 notch  $\infty$  on  $N.$  edges; from which
- A Pine 10 ins. diam. bears  $N. 10^{\circ} E.$ , 30 lks. dist. marked T. 11  $N.$  R. 18 E. S., 7 B. T.

W. B. T. // N. R. 18 E. G. &amp; S. R. M.

Chains.

A Pine 13 ins. diam. bears S.  $13^{\circ}$  E., 140 lbs. dist.  
marked T. 11 U., R. 18 E., S., 18 B. T.

An Oak 16 ins. diam. bears S.  $48\frac{1}{2}^{\circ}$  W., 257 lbs. dist.  
marked T. 11 U., R. 17 E., S., 24 B. T.

A Juniper 12 ins. diam. bears N.  $76\frac{1}{4}^{\circ}$  W., 139 lbs. dist.  
marked T. 11 U., R. 17 E., S., 13 B. T.

Land mountainous and rolling.

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

Timber of Pine, Juniper and Oak.

Vegetation, bunchgrass.

W. B. T. 11 N. R. 18 E. G. &amp; S. R. M.

Chains.

North on a true line between sections 7 and 12,  
Va. 14° 14' East.

Over Mesa.

40.00 Set a sand stone 16 x 12 x 10 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

1 Yellow Pine 5 ins. diam. bears N. 37° E, 248 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

1 Juniper 5 ins. diam. bears S. 43° E, 3 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

80.00 Set post 4 ft. long, 4 ins. square, 24 ins. in the ground,  
for Cor. to Secs. 1, 6, 7 and 12 marked T. 11 N.  
S. 6 on N. E., R. 18 E, S. 7 on S. E., S. 12 on  
S. W. and S. 1 on N. W. faces, with 5 notches on  
S. and 1 notch on ~~W~~ edges; from which

1 Yellow Pine 11 ins. diam. bears S. 35° E, 28 lks. dist.  
marked T. 11 N., R. 18 E, S., 7 B. T.

1 Yellow Pine 15 ins. diam. bears S. 76° W, 100 lks. dist.  
marked T. 11 N., R. 17 E, S., 12 B. T.

1 Yellow Pine 21 ins. diam. bears N. 50° W, 165 lks. dist.  
marked T. 11 N., R. 17 E, S., 1 B. T.

W. 18 T. 11 N. R. 18 E. G. &amp; S. R. M.

Ch Chains.

A Juniper 20 ins. diam. bears  $N. 31^{\circ} E$ , 88 lks. dist  
marked T. 114, R. 18 E. S., 6 B. T.

Land level. ....

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

Timber of Pine, Juniper & Oak.  
Vegetation, bunchgrass.

North on a true line between sections 1 and 6.  
Va.  $14^{\circ} 14'$  East.

## Over Mesa.

1.00 Descend.

7.00 Enter Valley, bears,  $N. E. \frac{1}{2} S. W.$

28.50 Cross Wash, 19 lks. wide, Course  $N. E.$

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.

41.00 Cross Wash, 18 lks. wide, Course  $N. W.$

43.50 Leave Valley, bears  $N. W. \frac{1}{2} S. E.$  and ascend.

50.00 Top of mesa bears  $N. 70^{\circ} W. \frac{1}{2} S. 70^{\circ} E.$  along same.

50.00 Set a post,  $4 \frac{1}{2}$  ft. long, 4 ins. square, 24 ins. in the  
ground, for Cor. to Tps. 11 and 124, R's 17 and  
18 E. marked T. 124, S. 31 on N. E. R. 18 E. S.

W. A. T. 11 N. R. 18 E. G. &amp; S. R. M.

## Chains.

6 on S. E. T. 11 N. S. 1 on S. W. and R. 17 E. S.  
36 on N. W. faces, with 6 notches on each edge, from  
which

A Juniper 15 ins. diam. bears N. 70° E., 116 lbs. dist.  
marked T. 124 R. 18 E. S., 31 B. T.

A Pine 17 ins. diam. bears S. 40° E., 107 lbs. dist.  
marked T. 114 R. 18 E. S., 5 B. T.

A Pine 7 ins. diam. bears N. 62° W., 58 lbs. dist.  
marked T. 124 R. 17 E. S., 36 B. T.

A Juniper 15 ins. diam. bears S. 57° W., 160 lbs. dist.  
marked T. 114, R. 17 E. S., 1 B. T.

Land rolling. ....

Soil gn rate.

Timber of Pine, Juniper & Oak.

Vegetation, bunch grass.

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. 11 & 124, Rs. 17 & 18 E., <sup>previously set by me</sup> I run East on a random line on 21. B. of Tp.

Va. 14° 14' East.

I set temporary corners at every half mile, and at 6 miles or 26 chs. I arrive at a point 98 lks. North of Cor. to Tps, previously set by me.

11 & 124, Rs. 18 & 19 E. N from which corner I run

N. 59° 53' W, on a true line between sections 1 & 36,

Va. 14° 14' East.

Descend.

40.00 Set a sand stone 20 x 12 x 7 ins., 18 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

1 Yellow Pine 15 ins. diam. bears N. 17° E, 119 lks. dist. marked 1/2 S. B. T.

1 Yellow Pine 14 ins. diam. bears S. 28° W, 161 lks. dist. marked 1/2 S. B. T.

N. B. T. // N. R. 18 E. G. &amp; S. R. M.

## Chains.

48.00 Enter Valley, bears *N. and S.*56.68 Cross Wash, 17 lks. wide, Course *N.*70.00 Leave Valley, bears *N. and S.* 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. 1, 2, 35<sup>th</sup> 36,  
 marked T. 124. S. 36, or N. E., R 18 E, S. 1  
 on S. E. <sup>7 1/2</sup> S. 2 on S. E. and S. 35 on N. W. face,  
 with *J* notch 20 on *W*nd 1 notch 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 10 ins. diam. bears *N. 21° E.*, 300 lks. dist.  
 marked T. 124 R. 18 E, S., 36 B. T.

A Yellow Pine 4 ins. diam. bears *S. 16 1/2° E.*, 27 lks. dist.  
 marked T. 114 R. 18 E, S., 1 B. T.

No other tree within limits.

on Top of Hill bears *N. and S.*

Land mountainous and rolling.

Soil *3<sup>rd</sup>* rate.Timber of Pine *and* Juniper.

Vegetation, bunchgrass.



N. B. T. 11 N. R. 18 E. G. & S. R. M.

Chains.

N. 59° 53' W on a true line between sections 2 and 35,  
Va. 14' 14' East.

Descend.

- 32.00 Cross Fence, bears N. and S. and enter Anthony's cultivated field, in Valley.
- 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 Anthony's house, bears N. 65° W, 7.0000 dist.
- 42.28 <sup>Willow</sup> Cross Creek, 20 lks. wide, Course N. 5° E.
- 43.80 Cross Fence, bears N. and S.
- 44.00 Leave Willow Creek Valley, and ascend.
- 63.00 Top of Ridge, bears N. 20° E. 1/2 N. 20° W and descend.
- 80.00 Set a sand stone 20 x 16 x 7 ins. 15 ins. in the ground for Cor. to Secs. 2, 3, 34 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 Yellow Pine 14 ins. diam. bears N. 63° W, 115 lks. dist. marked T. 24 R. 18 E., S., 34 B. T.

A. B. T. 11 N. R. 18 E. G. &amp; S. R. M.

Chains.

A Juniper 8 ins. diam. bears  $S. 28^{\circ} E.$ , 110 lks. dist.  
marked T. 11 N. R. 18 E. S., 2 B. T.

No other tree within limits.

Land rolling.

Soil gn rate.

Timber of Pine, Juniper and Oak.

Vegetation, bunchgrass.

$N. 89^{\circ} 53' W.$  on a true line between sections 3 and 34.

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

Descend.

24.30 Enter Valley, bears,  $N. \text{ and } S.$ , cross fence  $N.$   
Enter Tinley's ranch, bears  $N. \text{ and } S.$

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.,  $E.$  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,  
Tinley's house bears  $S. 60^{\circ} W.$ ,  
 $S. 75^{\circ}$  clo. dist.

48.52 Cross Wash, 20 lks. wide, Course  $N. 40^{\circ} E.$

U. B. T. 11 N. R. 18 E. G. & S. R. M.

Chains.

57.05 Cross fence, bears N. <sup>2nd</sup> D. <sup>2nd</sup>  
lean <sup>Wiley's</sup> <sup>ranell</sup>

57.87 Cross Road, bears, U. E. <sup>and</sup> S. W.

59.00 Leave Valley, bears U. <sup>2nd</sup> D. and ascend.  
<sup>on Mesa.</sup>

80.00 Set a sand stone 26x14x7 ins. 19 ins. in  
the ground for Cor. to Secs. 3, 4, 33<sup>rd</sup> & 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 Juniper 10 ins. diam. bears U. 15° E., 100 lks. dist.  
marked T. 12 U. R. 18 E., S., & 4 B. T.

A Juniper 9 ins. diam. bears S. 72° E., 16 lks. dist.  
marked T. 11 U. R. 18 E., S., 3 B. T.

A Juniper 9 ins. diam. bears S. 17° W., 97 lks. dist.  
marked T. 11 U., R. 18 E., S., 4 B. T.

A Juniper 7 ins. diam. bears N. 46° W., 240 lks. dist.  
marked T. 12 U. R. 18 E., S., 33 B. T.

Land level.

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

Timber of Pine <sup>3rd</sup> & Juniper.

Vegetation, bunchgrass.

N. B. T. 11 N. R. 18 E. G. &amp; S. R. M.

No. 1352

Chains.

N. 89° 53' W on a true line between sections 11<sup>th</sup> & 33,

Va. 14° 14' East.

Over level land

- 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 Juniper 10 ins. diam. bears N. 60° E., 103 lks. dist. marked S. B. T.
- A Pine 18 ins. diam. bears S. 15° W, 140 lks. dist. marked  $\frac{1}{4}$  S. B. T.
- 80.00 Set a sand stone 18 x 7 x 7 ins / 2 ins. in the ground for Cor. to Secs. 11, 17, 32<sup>nd</sup> & 33, marked with 2 notch 20 on N and 4 notch 20 on E. edges and raised a mound of stone. alongside, Pits impracticable, from which
- A Juniper 14 ins. diam. bears N. 16° E., 115 lks. dist. marked T. 124 R. 18 E. S., 33 B. T.
- A Juniper 6 ins. diam. bears S. 14° E., 60 lks. dist. marked T. 114, R. 18 E. S., 4 B. T.
- A Juniper 15 ins. diam. bears S. 50° W, 81 lks. dist. marked T. 114, R. 18 E. S., 5 B. T.
- A Juniper 8 ins. diam. bears N. 27° W, 117 lks. dist. marked T. 124 R. 18 E. S., 32 B. T.

N. B. T. 11 N. R. 18 E. G. &amp; S. R. M.

Chains.

Land level.

Soil  $\frac{3}{4}$  oil rate.Timber of Pine <sup>and</sup> Juniper.

Vegetation, bunching grass.

N. 89° 53' W. on a true line between sections 5 <sup>and</sup> 32.

Va. 14° 14' East

Over Mesa.

- 5.00 Leave top of Mesa, bear N. E. <sup>and</sup> S. W. <sup>and</sup> descend.
- 18.30 Cross Fence, bears N. 47° E. <sup>and</sup> S. 47° W. and  
Enter field.
- 27.15 Cross Wash, 30 lks. wide, Course N. 41° E.
- 40.00 Set a sand stone 16 x 10 x 8 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.
- 49.50 Cross Fence, bears N. 50° E. <sup>and</sup> S. 50° W. and  
leave cultivated field
- 50.00 Leave Valley, bears N. E. <sup>and</sup> S. W. and ascend.
- 57.00 Top of Mesa, bear N. E. <sup>and</sup> S. W. <sup>and</sup> 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>and</sup> 32.

N. B. T. 11 N. R. 18 E. G. & S. R. M.

Chains.

marked T. 12 U.S. 32, or N. E., R. 18 E., S. 5  
 or S. E. S. 6 on S. W. and S. 31 on N. W. <sup>3.11 U.</sup> faces;  
 with 1 notch on W. and 5 notch 80 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 rolling.

Soil 3 m rate.

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

Vegetation, buneng ras.

Chains.

N 59° 53' W. on a true line between sections 6 & 7.

Va. 14° 14' East

Over Mesa.

40.00 Set a sand stone 12 x 8 x 6 ins., 9 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

1 Juniper 8 ins. diam. bears S. 8° E., 150 lks. dist. marked 1/2 S. B. T.

1 Juniper 14 ins. diam. bears N. 15° W., 60 lks. dist. marked 1/2 S. B. T.

80.26 The Cor. to Tps. 11 & 12 N. Rs. 17 & 18 E.

Land rolling.

Soil 3 m rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

May 5<sup>th</sup>, 1883.

W. B. T. 12 N. R. 18 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 11<sup>and</sup> 12 N. Rs. 17 & 18 E.  
recently established by me - see page 35  
I run,

North on a true line between sections 31<sup>and</sup> 36.  
Va. 14° 14' East.

Over rolling land.

- 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 which
- 1 Yellow Pine 10 ins. diam. bears S. 15° E., 143 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.
- 1 Yellow Pine 13 ins. diam. bears S. 56° W., 100 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

41.00 Descend.

- 70.00 Enter Valley, bears, N. 10° E. <sup>and</sup> S. 10° W
- 76.13 Cross Road, bears, N. 13° E. <sup>and</sup> S. 13° W
- 79.90 Cross Wash, 10 lks. wide, Course N. 15° E.

- 80.00 Set a sand stone 24 x 8 x 6 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 W. wedges and  
raised a mound of stone. alongside. Pits impracticable.  
from which
- 1 Yellow Pine 17 ins. diam. bears N. 37° E., 110 lks. dist.  
marked T. 124 R. 18 E. S., 30 B. T.



W. B. T. 12 N. R. 18 E. G. & S. R. M.

Chains.

A Yellow Pine 13 ins. diam. bears  $S. 15^{\circ} E.$ , 90 lbs. dist.  
marked T. 124 R. 18 E. S. 31 B. T.

A Yellow Pine 10 ins. diam. bears  $S. 46^{\circ} W.$ , 217 lbs. dist.  
marked T. 124 R. 17 E. S. 36 B. T.

A Yellow Pine 12 ins. diam. bears  $N. 25^{\circ} W.$ , 221 lbs. dist.  
marked T. 124 R. 17 E. S. 25 B. T.

Land rolling.

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

Timber of Pine.

Vegetation, bunchgrass.

W. B. T. 12 N. R. 18 E. G. & S. R. M.

Chains.

North on a true line between sections 25<sup>th</sup> & 30.

Va. 14° 16' East.

Over rolling land.

9.00 Leave Valley, bears N. 20° E. <sup>W</sup> N. 20° W and ascend.

10.00 Set a sand stone 13 x 12 x 7 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 Juniper 9 ins. diam. bears N. 14° E., 65 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Juniper 13 ins. diam. bears N. 27 $\frac{1}{2}$ ° W., 100 lks. dist. marked  $\frac{1}{4}$  S. B. T.

80.00 A Pine 15 ins. diam.

which I marked T 12 N. S. 19 on N. E. R. 18 E. S. 30 on S. E. S. <sup>R. 17 E.</sup> 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S. and 4 notches on ~~N~~ faces, for

Cor. to Secs. 19, 24, 25<sup>th</sup> & 30, from which

A Juniper 13 ins. diam. bears N. 22 $\frac{1}{2}$ ° E., 65 lks. dist. marked T. 12 U. R. 18 E. S. 19 B. T.

A Juniper 10 ins. diam. bears N. 49° W., 28 lks. dist. marked T. 12 U. R. 17 E. S. 24 B. T.

W. B. T. 12 N. R. 18 E. G. &amp; S. R. M.

## Chains.

A Pine 14 ins. diam. bears  $S. 64^{\circ} W.$ , 120 lks. dist.  
marked T. 12 N. R. 18 E. S., 25 B. T.

A Pine 16 ins. diam. bears  $S. 52^{\circ} E.$ , 107 lks. dist.  
marked T. 12 N. R. 18 E. S., 30 B. T.

Land rolling.

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

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

Vegetation, bunchgrass.

North on a true line between sections 19 <sup>and</sup> 24,  
Va.  $14^{\circ} 16'$  East.

Over rolling land.

40.00 Set a sand stone  $20 \times 7 \times 5$  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.

from which

A Juniper 4 ins. diam. bears  $N. 35^{\circ} E.$ , 79 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Juniper 10 ins. diam. bears  $N. 67^{\circ} W.$ , 116 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

W. B. T. 12 N. R. 18 E. G. &amp; S. R. M.

## Chains.

- 80.00 Set a sand stone  $3 \times 6 \times 6$  ins. 26 ins. in the ground for Cor. to Secs. 13, 18, 19  $\frac{1}{2}$  24 marked with 3 notch  $\infty$  on S. and 3 notch  $\infty$  on W edges and raised a mound of stone. alongside. Pits impracticable. from which
- A Juniper 11 ins. diam. bears  $N. 36 1/4^{\circ} E.$ , 100 lbs. dist. marked T. 124. R. 18 E. S., 19 B. T.
- A Juniper 10 ins. diam. bears  $S. 72^{\circ} E.$ , 50 lbs. dist. marked T. 124 R. 18 E. S., 19 B. T.
- A Pine 6 ins. diam. bears  $S. 41 1/2^{\circ} W.$ , 211 lbs. dist. marked T. 124 R. 17 E. S., 14 B. T.
- A Juniper 11 ins. diam. bears  $N. 37 1/2^{\circ} W.$ , 67 lbs. dist. marked T. 124 R. 17 E. S., 13 B. T.

Land rolling.

Soil good rate.Timber of Pine <sup>and</sup> Juniper.

Vegetation, bunchgrass.

W. B. T. 12 N. R. 18 E. G. &amp; S. R. M.

## Chains.

North on a true line between sections 13 and 18,

Va.  $14^{\circ}16'$  East.

Ascend.

11.00 Top of Ridge, bears  $N. 23^{\circ} E. \frac{1}{2} S. 23^{\circ} W$  and 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 W. face; from whichA Juniper 5 ins. diam. bears  $N. 33^{\circ} W$ , 111 lbs. dist.  
marked  $\frac{1}{4}$  S. B. T.A Juniper 17 ins. diam. bears  $N. 7^{\circ} E$ , 60 lbs. 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. 7, 12, 13 and 18, marked T. 12 U.S. 7 on N. E., R. 18 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 notch 20 on ~~N~~ edges; from whichA Pine 10 ins. diam. bears  $N. 32^{\circ} E$ , 28 lbs. dist.  
marked T. 12 U. R. 18 E, S., 7 B. T.A Pine 14 ins. diam. bears  $S. 41^{\circ} W$ , 48 lbs. dist.  
marked T. 12 U. R. 17 E, S., 13 B. T.A Juniper 5 ins. diam. bears  $S. 15^{\circ} E$ , 161 lbs. dist.  
marked T. 12 U. R. 18 E, S., 18 B. T.

W. B. T. 12 N. R. 18 E. G. &amp; S. R. M.

Chains.

A Pine 7 ins. diam. bears  $N 72^{\circ} W$ , 17 lks. dist.  
marked T. 124 R. 17 E. S., 12 B. T.

Land rolling.

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

Timber of Pine and Juniper.

Vegetation, bunch grass.

North on a true line between sections 7 and 12.

Va.  $14^{\circ} 16'$  East.

Descend. Over rolling land.

Ho. 00 Set a sand stone  $23 \times 8 \times 4$  ins., 16  
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 11 ins. diam. bears  $N 13^{\circ} 1/2' W$ , 200 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Pine 14 ins. diam. bears  $S^{\circ} 7^{\circ} 1/2' E$ , 64 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

76.50 Leave Timber, Bears.  $N. 71^{\circ} E.$  and  $S. 70^{\circ} W.$

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

W. B. T. 12 N. R. 18 E. G. & S. R. M.

Chains,

12 ins. in the ground, for Cor. to Secs. 1, 6, 7 <sup>Sec 12</sup>  
marked T. 12 N. S. 6, on N. E., R. 18 E., S. 7  
on S. E. S. 12 <sup>R. 17 E.</sup> on S. W. and S. 1 on N. W. face,  
with 5 notches on ~~it~~ and 1 notch on ~~the~~ 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.

Land rolling.

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

Timber of Pine and Juniper.

Vegetation, bare grass.

W. B. T. 12 N. R. 18 E. G. & S. R. M.

Chains.

North on a true line between sections 1 and 6,  
Va. 14° 16' East.

Descend.

17.00 Enter Timber, Bears. N. W. and S. E.

17.60 Cross low Sag and ascend.

37.98 Intersect the 3<sup>rd</sup> Standard Parallel North at a  
point 15.24 chs. West of the Standard <sup>1/4 sec</sup> Cor. low  
E. boundary sec. 31 T. 13 N., R. 18 E.,

previously described, and

Set a post, 4½ ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for <sup>Closure</sup> Cor. to Tps.

12 N., R's 17. and 18 E., marked C. C. T.

12 N. on S., R. 18 E. S. 6 on E. and R.

17 E. S. 1 on W. faces with 6 notches on

S., E. and W. faces, and raised a mound of stone 2½ ft.  
high, 5 ft. base, around post, Pits impracticable.

Land rolling.

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

Timber of Pine and Juniper.

Vegetation, brushy grass.

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

May 7<sup>th</sup> 1880.



## U. S. Surveyor General's Office,

Tucson, Arizona, Nov. 13 1884

The foregoing Field Notes of the Survey of the a  
 portion of the Exterior Lines of

Townships 10-11 and 12 North  
 Range 18 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
 ted by H. A. Low

Deputy Surveyor, under his contract of the 25<sup>th</sup>

day of July, 1884, having been

critically examined and the necessary corrections and explana-  
 tions made, the said Field Notes and the surveys they describe

are hereby approved

Royal A. Johnson  
 Surveyor General.