

277

277

F I E L D       N O T E S

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

Township 18 North, Range 8 East.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By Ridgley C. Powers, D. S., under  
Contract dated February 21, 1885.  
Survey commenced April 29, 1885.  
Survey completed May 2, 1885.

BOOK 277

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J 18 r 0282

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No-277

Preliminary to commencing this survey I ran it on a blank line on the S. boundary of Sec 26 and at 40 chs found the  $\frac{1}{4}$  Sec Cor and at 79.96 chs. found the Sec Cor.

I also ran it on the East boundary of the township and at 40.03 chs found the  $\frac{1}{4}$  Sec Cor, and at 80.05 chs found the Sec Cor. My instrument will therefore run the same lines as the Exterior boundaries; and the chaining practically agreed.

Survey commenced April 29th 1885 with a Solar Transit made by Wm & L. E. Gurley

T. 18 N. R. 8 E.

a mound of stones along side  
from which a pin 20 ins diam has  
N. 2° E 20 lbs dist marked 1/4 S. B. J.

An oak 8 ins diam, has S. 30° E 25-  
lbs dist. - marked 1/4 S. B. J.

49.00 Top of Kestler's butte +  
140 feet above Sec. Cor.

49.50 Commence to descend

60.00 Foot of Kestler's butte 90 feet

80.00 Set a post 4 feet long 4 ins  
sq. with marked stone 12  
ins in the ground for cor to  
Secs 25, 26, 35 and 36 marked  
T. 18 N. S. 35 on N. E.

R. 8 E S. 36 on S. E.

S. 26 on N. W

S. 35 on S. W. faces with

T. S. N. R. S. E.

of Troy N.Y.

I commenced at the  
Cor. of Secs 1, 2, 35 and 36  
on the S boundary of the  
Tr. previously described  
by me:—

Thence I ran

S. bet. Secs 35 and 36

to  $13^{\circ}45'$  E

Over broken stone surface,

21.00 Commenced ascent of cone  
shaped butte known as  
"Kestler's Butte"

40.00 Set - mulpis stone  $12 \times 10$   
 $+ 8$  ins -  $8$  ins in the ground  
for  $\frac{1}{4}$  sec Cor marked  
 $\frac{1}{4}$  on N. face and raised

T. 18 N. R. 8 E.

A mound of stone along side  
from which a pine 20 ins diam has  
N. 2° E 20 lbs dist marked 1/4 S. B. J.

An oak 8 ins diam has S. 30° E 25-  
lbs dist. - marked 1/4 S. B. J.

4900 Top of Kestler's butte +  
190 feet above Sec. Cor.

4950 Commence to descend

6000 Foot of Kestler's butte 90 feet

8000 Set a post 4 feet long 4 ins  
sq. with marked stone 12  
ins in the ground for cor to  
Secs 25, 26, 35 and 36 marked  
T. 18 N. S. 25 on N. E.

R. 8 E S. 36 on S. E.

S. 26 on N. W.

S. 35 on S. W. faces with

## T. S. N. R. S. E.

- with 1 notch on S and E  
edges from which
- A pine 30 ins diam bet S. 30° W 51° E  
dist. marked T. S. N. R. S. E. S 35-10. J.
- A pine 16 ins diam bet S 40° E 45° E  
dist. marked T. S. N. R. S. E. S 36-10. J.
- A pine 32 ins diam bet N 60° W 27° E  
dist. marked T. S. N. R. S. E. S 26-10. J.
- A pine 4 ins diam bet N 50° E  
45° E dist. marked T. S. N. R. S. E. S 25-10. J.

Land broken mountainous

Soil stony - 4<sup>th</sup> red

Timber heavy pine. some oak.



J. S. A. R. S. E.

E. on a random line bet Secs 25 & 36

run  $13^{\circ}45' S$ .

40.00 Set temporary  $1/4$  Sec Cor.

80.07 Intersect the E boundary of  
the  $1/4$  at the Cor to Sec <sup>31.36</sup> ~~24~~

25 and 30 which is a post-3 in  
diam. in a mound of stone

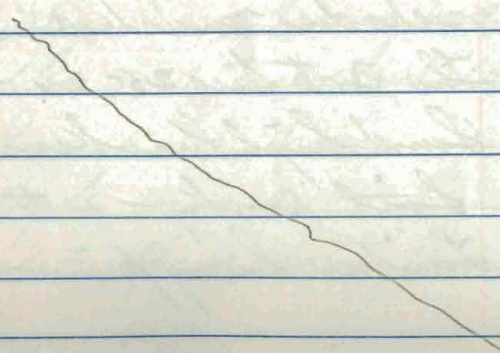
properly marked from which

a pine 31 in diam has  $S36^{\circ}05' 49$  lts to

" " 32 " " "  $S89^{\circ}14' 71$  16 lts "

" " 40 " " "  $N45^{\circ}71' 143$  " "

" " 33 " " "  $N58^{\circ}05' 107$  " "



## T. S. R. S. E

Thence Cran

W on a true line bet Sec  
25 & 36 with same bar

Over rough stony surface

40.03 Set marker stone 16+10+8 ins

11 ins in the ground for  $\frac{1}{4}$  secOr marked  $\frac{1}{4}$  on N. face and

raised a mound of stone

along side from which

A pine 26 ins diam bet  $\pm 67^{\circ}$  E5-6 lbs dist. - marked  $\frac{1}{4}$  S. P. J.Or oak 14 ins diam bet  $\pm 30^{\circ}$  E12 lbs dist. - marked  $\frac{1}{4}$  S. P. J.

80.07 The bar to Sec 25-26, 35 &amp; 36

Sand high broken

Soil rocky - 4 to rods -

Timber heavy pine - + oak

## T. S. R. S. E

1. bet - Secs 25 and 26

7<sup>n</sup> 13° 45' E

Over rolling surface

15.00 Oak 15-ins diam

33.20 Pine 14 " "

40.00 Set mulpais stone 15+12+5-

ins 12 ins in the ground

for 1/4 Sec or marked 1/4 on type

and raised a mound of stone

alongside - from which

A pine 12 ins diam has S 15° W

16 lks dist marked 1/4 S. P. S.

A pine 18 ins diam has N 20° E

10 lks dist marked 1/4 S. P. S.

5-2.60 Pine 15-ins diam

73.00 Oak 14 ins diam

80.00 Set mulpais stone 16+12+10 ins

## T. S. R. S. E.

11 ins in the ground for Cor  
 to Secs 23, 24, 25 and 26  
 marked with 2 notches on the  
 S. and 1 notch on the E. edge  
 and raised a mound of stone  
 along side from which  
 A pine 16 ins diam. to S  $20^{\circ}$  W 100 lbs  
 dist. marked T. S. R. S. E. S 26 B. S.  
 A pine 18 ins diam. to S  $15^{\circ}$  W 150 lbs  
 dist. marked T. S. R. S. E. S 25 B. S.  
 A pine 12 ins diam. to S  $45^{\circ}$  E 20  
 dist. marked T. S. R. S. E. S 24 B. S.  
 An oak 4 ins diam. to S  $40^{\circ}$  W  
 10 lbs dist. marked T. S. R. S. E. S 23 B. S.  
 Land high broken  
 Soil rocky - 4 to 6 ft  
 Timber heavy pine - some oak

J 15 N R 5 E

E. on a <sup>random</sup> boundary line to Sec 24 & 25  
 for 13° 40' E.

40.00 Set temporary "head" cor

30.06 Intersect the E boundary of the  
 lot at the Cor to Secs. 14, 24 & 25  
 and 30 which is a post-3 ins  
 sq. in mound of stone from  
 which

A pine 29 ins diam to 136 1/2" 88 lbs dia

" " 30 " " " 187° 8 9 " "

" " 27 " " " S. 58° 78 49 " "

" " 28 " " " S. 28° 8 100 " "

T. 18 N. R. 8 E.

Then as I run

N. on a true line bet Secs  
24 and 25 with some Pa

Ores high rolling surface

13.00 Pine 80 ins diam.

40.03 41 mauling stone 18+9+6 ins  
12 ins in the ground for  $\frac{1}{4}$  SecBox marked  $\frac{1}{4}$  on N face and  
raised a mound of stone  
along side - from which

An oak 5 ins diam bet S 45° W

30 lbs dia. marked  $\frac{1}{4}$  S. B. I.

A pine 10 ins diam bet S 20° E

100 lbs dia. marked  $\frac{1}{4}$  S. B. I.

48.00 Pine 24 ins diam

62.00 Oak 15 ins diam

68.05 Pine 12 " "

J. 18 N. R 8 E.

80.06 The Cor to Secs 23, 24, 25 & 26  
 Land high rolling  
 Soil rocky - 4 strata -  
Timber heavy pine - Scotch - oak.

N. bet. Secs 23 and 24

7a 13° 40' E

Ascend conical hill

28.00 Summit - 75 feet above sea  
 Cor. - Second hill

40.00 Set mulpin's stone 12 + 9 + 8  
 ins 5 ins in the ground for  
 4 feet c. Cor. marked 74 on W.  
 face and raised a mound of  
 stone along side from which  
 an oak 12 ins diam less 17. 48 lbs

## T. 18. N. R. 8. E.

dist marked 1/4 S. B. J.

A pine 36 ins diam bet N 15° E  
57 lks dist marked 1/4 S. B. J.

49.20 Foot of butte 70 feet below top

50.10 Bottom of ravine 20 feet deep  
15 lks wide curved N. E.

67.50 Pine 24 ins diam.

80.00 Set maul point stone 16 + 8 + 6 ins

11 ins in the ground for locs to

Locs 13, 14, 23 and 24 marked

with 3 notches on the S and (inter)

on the E. edges, and raised a

mound of stone along side from which

A pine 26 ins diam bet N 45° E 50 lks

dist marked T. 18. N. R. 8. E. S. 13. B. J.

A pine 30 ins diam bet N 50° E 60

lks dist marked T. 18. N. R. 8. E. S. 14. B. J.



T 18 N R 8 E

A pine 24 ins diam. hrs S. 45° E  
100 yds dist. marked T 18 N. R 8 E  
S. 24 B. S.

A pine 34 ins diam hrs S. 60° W. 150 yds dist  
marked T 18 N R 8 E S. 23 B. S.

Land high rolling  
Soil rocky - 4<sup>th</sup> belt.  
Timber heavy pine.

E. on a random line bet Secs 13 + 24  
Va 130 38 E

Good rolling surface

40.00 set temporary 1/4 Sec Cor

79.80 intersect the E. boundary  
of the 70 yds S of the Cor  
to Secs 13, 18, 19 and 24 which

## T 18 N R. 8 E.

is a post-3 ins diam in a mound of stone from which  
 a pine 14 ins diam lies at  $19^{\circ} 77' 75''$  dist  
 " " 26 " " "  $S 10^{\circ} 77' 47''$  " "  
 " " 19 " " "  $S 68^{\circ} 2-30''$  " "  
 " " 20 " " "  $N 76^{\circ} 2' 65''$  " "

## Thence I run

$N. 89^{\circ} 30''$  on a true line  
 bet - lies 13 and 24 with some or

14.60 back course N. E.

27.80 Pine 18 ins diam.

39.90 Set malpais stone 16+8+6 ins  
 11 ins in the ground for  $\frac{1}{4}$  Sec Co  
 marked  $\frac{1}{4}$  on N face and raised  
 a mound of stone alongside from  
 which a pine 12 ins diam lies

T 18 N R 5 E

Sta. 40 lbs dist marked  $\frac{1}{4}$  S B. T.A pine 24 ins diam tree  $\pm 30^\circ E$ , 25lbs dist. marked  $\frac{1}{4}$  S B. T.

69.80 Pine 16 ins diam

79.80 This cor to Secs 13, 14, 23 &amp; 24

Land highly rolling

Soil rocky - 4 to 6 in -

Timber. Pine &amp; scattering oak.

N. bet - Secs 13 and 14.

Ta  $13^\circ 38' E$ 

Ores broken - pulling surface

2.00 Commenced to descend slope

32.08 Pine 16 ins diam

40.00 Set trapline stem 20 + 10 + 6 ins  
14 ins in the ground for  $\frac{1}{4}$  dia cor

## T. 18 N. R. 8 E.

marked  $\frac{1}{4}$  on N face and raised  
 a mound of stone along side from  
 which Aspire 12 ins. diam. to S &  
 $30^{\circ}$  E. 8 lbs. dia. marked  $\frac{1}{4}$  S. B. T.  
 Aspire 14 ins. diam. to S  $30^{\circ}$  E. 29  
 lbs. dia. marked  $\frac{1}{4}$  S. B. T.

41.00 Bottom of wash about 700  
 feet below top of slope, Course E.

43.80 Pine 10 ins. diam.

69.91 " 18 " "

80.00 Set a granite stone 12 + 10 + 7  
 ins & ins in the ground for  
 Cor. to Secs 11, 12, 13 & 14 marked  
 with  $\frac{1}{4}$  notches on the S and  
 1 notch on the E edges and  
 raised a mound of stone  
 along side from which -

## T. S. R. S. E.

An oak 8 ins diameter top, 112 lbs  
dist. marked T. S. R. S. E. S. 11 B. T.

A pine 24 ins diam top & 100 lbs  
dist. marked T. S. R. S. E. S. 12 B. T.

A pine 12 ins diam top & 30 or 75 lbs  
dist. marked T. S. R. S. E. S. 14 B. T.

An oak 6 ins diam top & 20 or 120  
lbs dist. marked T. S. R. S. E. S. 13 B. T.

Land high rolling

Soil rocky - 4 to 6 ft -

Timber heavy pine - some  
oak and aspen

Geo. A. Curtiss

Compassman.

April 29<sup>th</sup> 1855.

## List R. S. E.

E. on a random line bet Sacs 12+13

In 13° 40' E

40.00 Set temporary "Haw Cor

80.00 Intersect B boundary line of  
the Tr at the Cor to Sacs 7, 12, 13  
and 18 which is a post. 3 ins  
sq. in marked of of stone  
from which

A pine 14 ins diam bet N 19° 7' 750 dist

" " 26 " " " S 10° 7' 47 " "

" " 19 " " " S 68° 50 " "

" " 20 " " " N 76° E 65 " "

J 18 N R 8 E.

Thence I ran

N. on a true line bet Secs 12 and 13  
with some run

Ascend the S.E. slope of "Mt-  
Longfellow."

40.00 About 300 feet above starting  
bet Cor. Set granite stone  
18 + 10 + 8 ins 12 ins in the  
ground for 1/4 Sec marked 4  
out face and raised a mound  
of stone alongside from which  
a pine 12 ins diam has  $\pm 10^{\circ}$  E 30 ft  
dist. marked 1/4 S B.T.

An oak 24 ins diam has S  $45^{\circ}$  W  
40 ft dist. marked 1/4 S B.T.

45.00 oak 10 ins diam

27.60 Pine 12 " "

T. S. N. R 82

80.00 This Cor to Secs 11, 12, 13 + 14  
 Land high mountainous  
 Soil rocky - 4<sup>th</sup> cut -  
 Timber heavy pine wood

N. bet Secs 11 and 12  
 Va  $13^{\circ} 40' E$

Around the S. slope of Pat Long fellow.

45.00 Six malpais stones 12 + 8 + 7 ins  
 Six in the ground for  $\frac{1}{4}$  Sec  
 Cor marked  $\frac{1}{4}$  on W face and  
 raised a mound of stone  
 alongside - from which  
 A pine 25 ins diam bet N  $10^{\circ} E$ . 53 lbs  
 dia marked  $\frac{1}{4}$  S R. S.  
 An oak 6 ins diameter S  $73^{\circ} W$



## T. 8 R. 8 E.

- 2 cks dist. marked '48 B J
- 49.20 Spruce pine 40 ins diam
- 60.00 Top of S. slope about 700 feet -  
above base of mountain
- 80.00 Sit. malpais stone 12 + 12 + 5 ins  
5 ins in the ground for Co to S  
1, 2, 11 and 12 marked with  
5 notches on the S. and 1 notch  
on the E edges and raised a  
mound of stone along side from  
which a spruce 30 ins diam has S 20° E 36 cks  
dist. marked T. 8 R. 8 E S 12. B J
- A spruce 25 ins diam has S 45° W 20 cks  
dist marked T. 8 R. 8 E S 11 B J
- A spruce 22 ins diam has N 23° W 20 cks  
dist marked T. 8 R. 8 E S 2 B J
- A spruce 24 ins diam has N 23° E

T. S. R. R. E.

80.00 dist marked T. S. R. E. S. 1, B. T.  
 Land high, mountainous  
 Soil rocky & <sup>4</sup> oak -  
 Timber heavy spruce, pine & oak.

E. on a random line bet Secs 1 & 12  
 to  $13^{\circ}40' E$

40.00 Set temporary  $\frac{1}{4}$  Sec Cor

80.06 Intersect - E. boundary line of  
 the  $\frac{1}{4}$  60.00 S. of the Cor. to Secs,

1, 6, 7 and 12 which is a  
 post - 3 ins sq in round  
 of stone from which

A pine 36 ins diameter S 60<sup>W</sup> 61 lks dist

" " 38 " " " N 75<sup>W</sup> 106 " "

" " 26 " " " S 48<sup>E</sup> 119 " "

T. F. R. &amp; E.

Apr 25 in diameter 170 & 108 lbs. dis-

Thence I ran

at  $89^{\circ}34'N$  on a true line bet-

Sec 1 and 12 with some run

Ascending the  $\odot$  slope of Mt.

Long fellow.

16.92 Pine 30 ins diam

40.00 Set mulpin's stone 10 + 10 + 5 ins  
7 ins in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  on top face and raised  
a mound of stone along side from  
which

## T. 8 N R. 8 E.

An oak 8 ins diam bro. S 6 W

40 lbs dist marked 1/4 S B. T.

A pine 2 1/2 ins diam bro. S 4 W

64 lbs dist marked 1/4 S B. T.

70.00 Summit of Mt Longfellow  
about 7000 feet above surrounding  
Country

80.06 The Co. to Secs 1, 2, 11 & 12

Land. Mountainous

Soil - rocky - 4<sup>th</sup> rate -

Timber pine spruce oak

T. 18 N. R. 8 E

From a random line bet Sec 1 and 2  
To 13° 40' E

40.00 Set temporary 1/4 Sec Cor

80.15 - Intersect the N. boundary of the  
T. at the Cor. to Secs. 1, 2, 35 + 36  
which is a post 3 ins dia  
in mound of stone  
from which

- 2 Fir tree 25 ins diam. true N. 10° E 32 1/2 dist
- " " " 12 " " " S 80° 43 " "
- " " " 24 " " " S 59° 46 " "
- " " " 22 " " " N 60° 14 " "

J. H. R. 8 E

Thence I ran

S. on a true line bet - Sec 10 & 2  
with same to

Over monotonous surface.

25.00 Commenced to ascend Mt-

40.15 - Set sulphur stone 12 + 10 + 9 in

This in the ground for  $\frac{1}{4}$  Sec Cr  
marked  $\frac{1}{4}$  on N face and

raised a mound of stone along side.

A pine 33 in diam bet N & 2<sup>nd</sup>15 lks dist. marked  $\frac{1}{4}$  S B. T.An oak 12 in diam bet N & 15<sup>th</sup> & 30lks dist. marked  $\frac{1}{4}$  S B. T.

59.00 Spruce to ins diam

78.00 Top of N. end of Mt Long fellow  
about - 850 feet above last -  
Sec Cr.

## T. 5 N. R. 8 E

80.15 - The Cor. to Secs. 1, 2, 11 &amp; 12

Land mountainous

Soil rocky - 4th rate -

Timber heavy Pine, Spruce &amp; etc

From the Cor. to Secs 2, 3, 34 & 35  
 on the S. boundary of the Twp  
 previously described by me, I ran  
 N. 101° - Secs 34 and 35

Var 130° 45' E

Over rough broken surface  
 40.00 set - nails clin 10 + 10 + 8 in  
 7 in in the ground for 1/4 Sec  
 Or marked 1/4 on N face and  
 raised a mound of stone along side  
 from which a pin 2 6 in diam has S 80° N

T. S. & R. S. E.

59 lbs dist. marked T. S. & R. S. E.  
A pine 36 ins diam tree N 20° E.

58 lbs dist. marked T. S. & R. S. E.

44.00 Enter valley extends N 10° S E

47.00 Cross a road. " N 10° S E.

60.00 Wash 6 lbs wide curved S E

80.00 Set maul's stone 16+10+6 in  
11 in in the ground for Cor to Secs

26, 27, 34 & 35 - marked with  
1 notch on the S. and 2 notches

on the E edges. and raised a  
mound of stone along side of  
which a pine 50 ins diam tree N 36° W

50 lbs dist. marked T. S. & R. S. E. 27 B. T.

A pine 30 ins diam tree S. 72° E

146 lbs dist. marked T. S. & R. S. E. 35 B. T.

Edge of valley. No other trees within limits.



T. S. N. R. 52

Land broken rocky  
 Soil + it rubs -  
 Timber Pine and oak

E. on a random line bet - Secs 26 + 35 -  
 Va  $13^{\circ} 38' S$

40.00 Set temporary H. and L. cor  
 80.00 Intersect H. and L. line 23 lbs N  
 of the cor to Secs 25, 26, 35 - 036  
 Thence S. 90°

N  $89^{\circ} 50' W$  on a true line  
 bet - Secs 26 and 35 with same Va.

2.00 Commenced to ascend butte  
 10.00 Top of Mulpin's butte 130 feet high  
 10.30 Commenced to descend butte  
 20.00 Foot of butte

## T. S. N. R. S. E

40.00 At malpais stone 15+12+10 ins  
10 ins in the ground for  $\frac{1}{4}$  Sec  
Cor-marked  $\frac{1}{4}$  on  $\frac{1}{4}$  face  
and raised a mound of stone  
along side from which

A pine 20 ins diam lies N  $10^{\circ}$  E

47 chs dist - marked  $\frac{1}{4}$  S B. T.

A pine 16 ins diam lies S  $34^{\circ}$  E

46 chs dist - marked  $\frac{1}{4}$  S B. T.

69.00 Gulch 20 chs wide Course S. W.

78.00 Enter valley - extends N. W. S. E

80.00 This Cor to Secs. 26, 27, 34 + 35-

Land mountainous

Soil rocky - 4<sup>th</sup> val -

Timber pine & scattering oak.

T. S. N. P. S. E.

N. bet Secs 26 and 27

7<sup>th</sup> 13° 35' E

Dred pulling rocky surface

25.00 Ascend timbered slope

38.20 Pine 14 ins diam

40.00 Set Malpin's stone 13 + 8 + 5 ins  
 10 ins in the ground for  $\frac{1}{4}$  Sec. C  
 marked  $\frac{1}{4}$  on N face and raised  
 a mound of stone alongside from which  
 a rock 12 ins diam bet S 15° E 76 cks  
 dist. marked  $\frac{1}{4}$  S B. T.

A pine 18 ins diam bet S 40° W  
 100 cks dist. marked  $\frac{1}{4}$  S B. T.

44.00 Top of timbered hill 75 feet high

60.00 Foot of hill.

80.00 Set Malpin's stone 18 + 12 + 6

12 ins in the ground for Cor. to Sec.

T. S. &amp; R. S. E.

22, 23, 26 + 27 marked with  
 2 notches each on the S & E edges  
 and raised a mound of stones  
 along side - from which  
 A pine 18 ins diam hrs  $N 10^{\circ} W 10$   
 lks marked T, S & R S E S 22 B. T.  
 A pine 12 ins diam hrs  $N 45^{\circ} E$  100 lks  
 dist. marked T, S & R S E S 23 B. T.  
 A pine 10 ins diam hrs  $S 60^{\circ} E$  75 lks  
 dist. marked T, S & R S E S 26 B. T.  
 An oak 10 ins diam hrs  $S 45^{\circ} W$  15 lks  
 dist marked T, S & R S E S 27 B. T.  
 Ground rolling - rocky  
 soil 4 to 6 ft  
 Timber heavy pine - some oak,

## T. I. R. R. S. E.

E. on a random line bet Secs 23 + 26

70.13° 45' E

40.00 Set temporary 1/4 Sec Cor

80.06 Intersect T + S line 33 elts N  
of the Cor to Secs. 23, 24, 25 + 26  
Thence S ran

T 89° 46' N on a true line bet  
Secs 23 and 26 with some 70

2.00 Cross a dim road runs T 20 S 10,

5.90 Pine 12 ins diam

25.80 Oak 10 " "

35.80 Wash 8 feet deep 12 ft wide Course S 10,

40.03 Set malpais stone 15 + 10 + 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 from which

36

T. S. R. S. E.

A pine 24 ins diam lvs N 50 E. 12 cks  
 dist. marked 1/4 S. B. T.

A pine 12 ins diam lvs S E. 2 cks  
 dist. marked 1/4 S. B. T.

67.85 - Oak 8 ins diam

70.05 - Pine 10 " "

80.06 The Cor. to Sec. 22, 23, 26 & 27

Land rolling

Soil rocky - 4<sup>th</sup> sub-

Timber heavy pine scattering oak

T. 18 N. R. 8 E.

N. bet Secs. 22 and 23

7<sup>th</sup> 13° 54' E.

Ore rolling surface

40.00 Sit. malpais stone 10+10+8 ins  
7 ins in the ground for  $\frac{1}{4}$  sec. box  
marked  $\frac{1}{4}$  S on W. face and  
raised a mound of stone  
along side - from which  
A pine 14 ins diam bet N 28° E  
70 lbs dist. - marked  $\frac{1}{4}$  S. B. T.  
A pine 15 ins diam bet S. 30° W 75 lbs  
dist. - marked  $\frac{1}{4}$  S. B. T.

66.00 Pine 14 ins diam

72.20 Pine 24 " "

80.00 Sit. malpais stone 12+9+6 ins  
8 ins in the ground for Cor to  
Secs. 14, 15, 22 & 23 marked

T. 18 N. R. 8 E.

with 3 notches on the S and 2 notches  
on the E edges and raised around  
of stem a long side - from which  
A pine 14 ins diam hrs  $N 10^{\circ} W$  100 lks  
dis. marked T. 18 N. R. 8 E S. 15 B. T.  
A pine 20 ins diam hrs  $S 45^{\circ} E$  75  
lks dis. marked T. 18. N. R. 8 E  
S. 23 B. T.

A pine 18 ins diam hrs  $N 10^{\circ} E$  80 lks  
dis. marked T. 18 N. R. 8 E S. 14 B. T.

A pine 24 ins diam hrs  $S 80^{\circ} W$  60 lks  
dis. marked T. 18 N. R. 8 E S. 22 B. T.

Ground high rolling  
Soil rocky - 4<sup>th</sup> rate -  
Timber - heavy pine some oak



## T. I. A. R. S. E.

E. on a random line bet Secs 14 & 23

7<sup>n</sup> 13' 37' E.

40.00 Set temporary 1/4 Sec C<sup>r</sup>

80.00 Intersect - F.S. line at the C<sup>r</sup>  
to Secs 13, 14, 23 & 24

Then on a line

N. on a true line bet Secs 14 & 23

with same va. Descending slope

40.00 Set mulpain's stone 14+12 + 9 ins

10 ins in the ground for 1/4 Sec C<sup>r</sup>  
C<sup>r</sup> marked 1/4 on N face and

raised a mound of stone  
along side from which

a pine 15 ins diam bet N. 30° E  
30 cks dist - marked 1/4 S.B.T.

A pine 12 ins diam bet S. 25° W  
32 cks dist - marked 1/4 S.B.T.

## T. 18 N. R. 5 E

57.00 Spring 200 lbs S of line

57.30 Bottom of slope about 70 feet  
below sec. cr

58.30 Commenced to ascend rolling surface

67.00 Top of same about 40 feet high  
descent

72.00 Cross a shallow wash course  
and ascend slope

80.00 To cr to Secs. 14, 15, 22 & 23

Land high rolling

Soil rocky - 4<sup>th</sup> sub-

Soil heavy pine & oak

Ridgely C Powers

U.S. G.S.

April 29<sup>th</sup> 1885,

I carefully examined my  
instrument to-day and found  
it in perfect adjustment -

J. H. R. S. E

K. bet - Secs 14 and 15-

7a 13° 37' E

Over pulling surface

24.00 Pine 16 ins diam

38.20 " 42 " "

Ascend

40.00 Sit - mulpin's stem 15+10+5 ins

12 ins in the ground for  $\frac{1}{4}$  sec

Cor marked + on N face and raised

A mound of stem alongside from which

A pine 40 ins diam bet S. 40° W

75-lbs dist - marked  $\frac{1}{4}$  S. B. T.

A pine 24 ins diam bet S. 20° E

20 lbs dist marked  $\frac{1}{4}$  S. B. T.

52.20 + Wash course S. 60° W

52.50 Ascend 13 feet from wash

55.00 Pine 12 ins diam.

## T. S. N. R. S. E

68.60 Pine 14 ins diam.

80.00 Set mulpins stone 12+9+8 ins  
8 ins in the ground for Cor 5 Lines  
10, 11, 14 and 15 - marked with  
4 notches on the S, and 2 notches  
on the E edges and raised a  
mound of stone along side for this  
A pine 24 ins diam hrs  $S 45^{\circ} E$   
70 lbs dist. marked T. S. N. R. S. E S. 11 B. T.  
A pine 10 ins diam hrs  $S 30^{\circ} W$   
70 lbs dist. marked T. S. N. R. S. E S. 10 B. T.  
A pine 8 ins diam hrs  $S. 40^{\circ} W$  75 lbs  
dist. marked T. S. N. R. S. E S. 15 B. T.  
A pine 20 ins diam hrs  $S 45^{\circ} E$   
40 lbs dist. marked T. S. N. R. S. E S. 14 B. T.  
Sand high rolling  
Soil rocky 4 to 6 ft  
Timber heavy Pine - sassafras

## T. X. R. S. E.

Est. a random line bet Secs. 11 & 14

by  $130^{\circ}39' E$

40.00 Set temporary  $\frac{1}{4}$  sec Cor

80.00 Intersect it + S line at the Cor  
to Secs 11, 12, 13 & 14

Thence Iron

Now a true line bet Secs 11 & 14  
with same Pa

Over high rolling surface

40.00 Set sulphur stone 14 + 12 + 3 ins  
10 ins in the ground for  $\frac{1}{4}$  sec Cor  
marked  $\frac{1}{4}$  S. on the N face and  
raised a mound of stone  
along side from the which.

A Pin 8 ins diameter at  $20^{\circ} N$   
30 lbs dist marked  $\frac{1}{4}$  S B.T.

A Pin 24 ins diameter at  $860^{\circ} E$

## T. S. + R. S. E

75-lbs dist marked  $\frac{1}{4}$  S B.T.

48.00 Pine 18 ins diam

52.10 Oak 8 " "

76.00 Cross a wash 10 lbs with course  
S 100 m and ascend~~67.80 Pine 12 ins diam~~

80.00 The Car to Secs 10, 11, 14 + 15

Land rolling

Soil rocky - 4 to 6 ft -

Timber heavy Pine &amp; some oak

N. bet Secs 10 and 11

7<sup>a</sup> 13° 39' E

8.00 Commence to ascend Mt.

12.80 Pine 16 ins diam

40.00 About 450 feet above Sec Car  
Set

## T. S. R. S. E.

- At Mulpin's stone 16 + 10 + 5 ins 11  
 ins in the ground for  $\frac{1}{4}$  Sec. Cor  
 marked  $\frac{1}{4}$  in W face and raised  
 a mound of stone along side.  
 From which - A Pin 12 ins diam has  
 S.  $46^{\circ}$  E 28 lbs dist. marked  $\frac{1}{4}$  S. B. T.  
 A Pin 14 ins diam has S.  $40^{\circ}$  W  $68^{\circ}$   
 lbs dist marked  $\frac{1}{4}$  S. B. T.
- 58.00 Summit of N. end of Mt Longfellow  
 about 400 feet above  $\frac{1}{4}$  Sec Cor
- 58.35 - Commenced to descend.
- 80.00 Mulpin's stone in place  
 20 + 20 + 6 ins above ground  
 which I mark with a cross  
 (+) at the exact Cor. point for  
 Cor to Secs. 2, 3, 10 and 11  
 with 5 notches on the S. and 2

## T. 8 N. R. 8 E.

notches on the E edges and  
ruined a mound of stone along side from  
which a Spruce 26 ins diam hrs  $810^{\circ}W-134^{\circ}E$

dist. marked T. 8 N. R. 8 E S 10 B. T.

An Aspen 8 ins diam hrs  $S. 67^{\circ}E 23^{\circ}W$

dist. marked T. 8 N. R. 8 E S 11 B. T.

An oak 8 ins diam hrs  $N 85^{\circ}E 65^{\circ}W$  dis-  
marked T. 8 N. R. 8 E S. 2 B. T.

A Spruce 30 ins diam hrs  $N 45^{\circ}W 52^{\circ}E$   
dist. marked T. 8 N. R. 8 E S 3 B. T.

Land mountainous

Soil rocky 4<sup>th</sup> rate -

Timber heavy pine - spruce  
oak and aspen.

Rudley C. Powers

U. S. G. S.

April 30<sup>th</sup> 1885 -



T. 18. N. R. 5 E.

E. on a random line bet Secs 2 & 11

on  $13^{\circ} 38' E$

40.00 Set temporary  $\frac{1}{4}$  sec Cor.

79.80 Subst. bet N & S line at the Cor  
to Secs 1, 2, 11 and 12

Thence S run

N. on a true line bet Secs 2 & 11  
with same run

15.00 Suscend N.W. slope of Mt  
about 200 feet to

29.90 Set multiplex stone 12 x 10 x 8 in  
8 ins. in the ground for  $\frac{1}{4}$  sec Cor  
marked  $\frac{1}{4}$  on N. face and raised  
a mound of stone along side from  
which a Pine 15 ins diam bet N & S 67  
ft. dist. marked  $\frac{1}{4}$  S. T.  
A Pine 30 ins diam bet S & E 87 etc

T. S. R. S. E.

dist marked  $\frac{1}{4}$  S. B. T.

Thence along N slope of mt-  
79.80 This Cor to Secs 2, 3, 10 & 11

Land mountainous  
Soil rocky - 4<sup>th</sup> rate -  
Timber heavy pine - Spruce

Now a random line bet Secs 2 & 3

7a  $13^{\circ} 38' E$

40.00 Set temporary  $\frac{1}{4}$  Sec Cor

81.04 Intersect - the N boundary of  
the T. at the Cor to Secs 2, 3, 34 &  
35 which is a post - 3 ins sq  
in mound of stone  
from which  
a pin 3 in diam less  $\pm 50\%$  E 26 lbs shot

## TERRACE

A line 14 ins thin bro N 14° E 36 lbs dist -  
 " " 20 " " " S 35° E 19 " "  
 " " 12 " " " S 27° E 52 " "

Thence I run

S on a true line bet bro 2 + 3 miles

Some be.

36.00 I was quick 10 lbs wide at bottom -  
Course N W r

37.00 Commenced to ascend Mt  
Long fellow

41.04 Set magnetic stone 12 + 10 + 6 ins  
Ties in the ground for 'A Sec Co  
marked for W face and raised  
a mound of stone along side from  
which an oak 8 ins diam bro N 20° E

T 18 N R 28 E

26 cks dist. marked  $\frac{1}{4}$  S B. J.  
On road 7<sup>th</sup> is same line at 15<sup>th</sup> m

32 cks dist. marked  $\frac{1}{4}$  S B. J.

81.04 About 430 feet above base  
of mt: The Cor to Sus

2. 3. 10 11

Land mountainous

Soil rocky - 4<sup>th</sup> rule

Timber heavy pine, spruce, oak,

J. A. Lewis  
Compassman

April 30<sup>th</sup> 1885

## T. 18. N. R. 8 E.

From the Cor. to Secs. 3, 4, 33 & 34  
on the S. boundary of the T. 18  
previously described by me  
Drown

N. bet Secs. 33 & 34

on  $13^{\circ} 40' E$

descend mountain slope through  
heavy timber

30.00 Foot of slope + 200 feet below the Cor.

37.00 Cross brush 20 ft wide Course S. 17,

38.00 Commenced to ascend slope

40.00 set malpais stone  $13 + 10 + 6$  ins

9 ins in the ground for  $\frac{1}{4}$  dia

Cor marked  $\frac{1}{4}$  on N face and

raised a mound of stone

alongside from which

A pine 12 ins diameter  $\pm 20\%$

## T. S. R &amp; E.

15 lbs dist marked 1/4 S B. J.

A pine 10 ins diam hrs S 60° E 30

lbs dist marked 1/4 S B. J.

44.00 Top of slope + 175 feet above water

45.60 Pine 8 ins diam

46.00 Commenced to descend slope

72.20 Oak 8 ins diam

80.00 A point about 175 feet below

top of slope set - muller's

stone 15 + 8 + 7 ins 10 ins in

the ground for SW to NW

27. 28. 33 + 34 marked with

1 notch on the S and 3 notches

on the E edges and raised a

mound of stone along side

from which a oak

8 ins diam hrs S 10, 50 lbs dist

T. S. R. S. E.

marked T. S. R. S. E. S 33 B. T.

A Pine 14 ins diam trs S. 60° E 75 lbs dia

marked T. S. R. S. E. S 34 B. T.

A Pine 11 ins trs N. 10° E 40 lbs

dist marked T. S. R. S. E. S 27 B. T.

No other trees within limits.

Land mountainous

Soil rocky - 4<sup>th</sup> rock -

Timber heavy Pine & some oak.

Go on a random line bet Secs 27 & 34

to N 13° 40' E

4000 ft temporary 1/4 sec Cor

8000 Intersect N + S line at the Cor

to Secs 26, 27, 33 & 35 -

thence I run,

## T. S. R. R. S. E.

Now a true line bet Secs 27 & 34

with some 200

7.00 shallow water course S. E.

9.00 + Road bet 100 + S. E.

11.00 Enter narrow valley extends S. E.

14.00 Low valley - descend gentle slope

40.00 At maulpin's stone 12 + 10 + 7 in  
 I dig in the ground for  $\frac{1}{4}$  Sec Cor  
 marked  $\frac{1}{4}$  on N. face and  
 raised & removed if stone along side from which  
 Approx 14 in diam. hrs. at  $89^{\circ} 4' 36$  lbs  
 dist marked  $\frac{1}{4}$  S. B. J.

~~Road~~ 7 in diam. hrs. at  $60^{\circ} 2$  14  
 lbs dist marked  $\frac{1}{4}$  S. B. J.

55.00 Ascend stony slope

80.00 The Cor to Secs 27, 28, 33 & 34

100 feet above  $\frac{1}{4}$  Sec Cor.



T. 15. N. R. 55.

Land mountains  
 Soil rocky - wet calc  
 Timber, pine, oak, & aspen

---

N. lat Secs 27 and 28

7<sup>th</sup> 13° 40' E

descending gentle slope

40.00 Set malpais stone 14 + 10 + 10 ins

10 ins in the ground for 1/4 dia

Or marked 1/4 on to face and raised

A mound of stone along each from stone

A pine 26 ins diam tree 160<sup>th</sup> or 33-40 lbs.

dist-marked 1/4 dia B. S.

A pine 32 ins diam tree 40<sup>th</sup> or

44 lbs dist marked 1/4 dia B. S.

40.20 Run shallow road across 100<sup>th</sup>

## T 18 N R 8 E.

- 50.08 Pine 18 ins. diam  
 54.96 oak 12 " "  
 60.00 Cross oak 12 els wide course  
 S 80° E and Ascend,  
 64.80 Pine 14 ins diam  
 64.90 Top of Malpais butte  
 + 200 feet above creek  
 65.00 Commenced to descend butte  
 78.80 Foot of butte - 200 feet -  
 80.00 Set malpais stone 18 + 12 + 6 ins  
 12 ins in the ground for Cor.  
 to Secs. 21, 22, 27 and 28  
 marked with 2 notches on the S  
 and 3 notches on the E edges and  
 raised a mound of stone along with from  
 which a pine 18 ins diam. has 4 10° or 10 1/2  
 dia. marked T 18 N R 8 E S 21 B I.

## T I X R 8 E

A pine 12 ins diam hrs  $+45^{\circ}$  S 100 lbs dist  
marked T I X R 8 E S 22 B. J.

A pine 10 ins diam hrs  $\downarrow 10^{\circ}$  S 25-lbs dist  
marked T I X R 8 E S 27 B. J.

An oak 10 ins diam hrs  $\downarrow 45^{\circ}$  W 15-lbs  
dist marked T I X R 8 E S 28 B. J.

Land hemlockianus

Soil rocky - 4<sup>th</sup> rot -

Timber heavy pine - scattering oak

E. on a random line bet Secs  
22 and 27

run  $13^{\circ} 38' E$

40.00 bet temporary  $\frac{1}{4}$  sec cor

80.08 between  $\frac{1}{4}$  sec line 15 lbs S  
of the cor to Secs 22, 23, 26 & 27

T 18 N - R 8 E

Henas Draw

S.  $89^{\circ} 54' W$ . on a true line bet-  
secs. 22 and 27 with same  $\frac{1}{4}$  sec

- 19.80 Oak 8 ins. diam  
 20.00 Ascend slope  
 25.00 Pine 15 ins diam  
 39.00 Top + 40 feet - high

From this point - a vacant - log  
 Cabin and a spring by S about  
 20-obs. dist -

- 40.00 ~~4~~ Set - walrus stone 15 + 9 + 7  
 ins 10 ins in the ground for  
 $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  out of face  
 and raised a mound of stone  
 alongside - from which  
 a pine 24 ins diam bet. N 45 W 75-  
 lbs dist marked  $\frac{1}{4}$  S B J.

## T. 18 N R. 8 E.

A pine tree 34 ins diam. S.  $20^{\circ}$  E 100 yds  
 Dist marked 7/4 S B.T.

40.50 Commenced to descend slope

50.00 Bottom of ravine - 80 feet - below  
 7/4 Sec Cor course to  $20^{\circ}$  W

57.00 + Road course N. 75.0 S E &  
 Ascend slope

80.08 A point + 50 feet above ravine

Land mountainous

Soil rocky - 4<sup>th</sup> rate

Smaller pine just 10.0 above

A. Sec 21 and 22

to  $13^{\circ} 38' E$

28.00 Pine 34 ins diam

32.00 bin beyond road to S. & W.

## T. 18. N. R. 5 E

- 32.20 Spring tree E 120 lbs dist-
- 35.00 Cross skull with Course & W.
- 40.00 Set-mulpin's stem 13 + 845 in  
9 in in the ground for 1/4 sec Cor  
marked 1/4 on N. face and raised a  
round of stem along with from which  
A pine 12 in diam less to 15" 14 lbs  
dist-marked 1/4 S R. T.
- A pine 13 in diam less to 15" E 20  
lbs dist-marked 1/4 S R. T.
- 62.00 + Wash 14 lbs with Course & W.
- 80.00 A pine tree 8 in diam which  
I mark:-  
T. 18. N. S. 15 on the N E  
R 8 E. S. 22 on the S E  
S 21 on the S W. +  
S. 16 on N. W. faces with

T. S. N. R. S. E.

3 notches each on the S & E edges  
 Aug pits, 18 + 18 + 12 ins in each  
 dia - 5 1/2 feet dia - & raised a mound  
 of earth & stone around tree for  
 Cr to Secs 15, 16, 22 & 22.

Land broken - rolling  
 soil 4 to 6 in -

Timber heavy pine & oak.

E. on a random line bet Secs 15 & 22

Pa 130 36° E

4000 ft temporary 1/4 Sec Cr

7982 observed N & S line at the

Cr to Secs 14, 15, 22 & 23

Thence I run

N. on a true line bet Secs 15 & 22

J. 15 x R 8 E

with some wa.

Ascending hill

5.00 Top 80 feet above sea level

5.30 Commence to descend hill

30.00 Foot of hill - 90 feet -

29.91 Set-mulchais stone 14 + 12 + 4 in

9 ins in the ground for  $\frac{1}{4}$  bed  
Or marked  $\frac{1}{4}$  on reference and  
raised a mound of stonealong side from which  
An oak 10 ins diam has S. 10° W20 lbs dist - marked  $\frac{1}{4}$  S B. J.

A pine 12 ins diam has N 48° E

76 lbs dist - marked  $\frac{1}{4}$  S B. J.

60.00 + Wash 20 lbs wide course S. W.

80.00 This loc to locs 15, 16, 21 &amp; 22

79.82

Land high rolling  
soil rocky - 4 ft with  
timber heavy pine - & some oak



T. 15 N. R. 8 E.

N. Secs 15 and 16

Ta 13° 36' E

Ascend rocky slope of ridge

40.00 Set mulpais stone 12 + 10 + 6 ins

5 ins in the ground for 1/4 sec Cor  
marked 1/4 on W face & raised  
a mound of stone along side from which  
a line 36 ins diam. has at 30° W 46 lbs  
dist. marked 1/4 S B. T.

A pine 35 ins diam. has at 24° E 22  
lbs dist. marked 1/4 S B. T.

Continue to ascend over rolling surface

79.30 Top of ridge + 200 feet - high  
extends E & W

80.00 Set mulpais stone 12 + 5 + 7 ins

5 ins in the ground for Cor  
to Secs 9, 10, 15 and 16

T. 15 N. R. 8 E

marked with 4 notches on the S  
and 3 notches on the E edge and  
raised a mound of stones  
along side from which

A pine 15 in diam hrs to  $120^{\circ}$  E 24  
lks dist marked T. 15 N. R. 8 E S. 10 B.T.

An oak 16 in diam hrs to  $100^{\circ}$  E 21 lks  
dist marked T. 15 N. R. 8 E S. 9 B.T.

A pine 28 in diam hrs to  $130^{\circ}$  E 36  
lks dist marked T. 15 N. R. 8 E S. 16 B.T.

A pine 26 in diam hrs to  $90^{\circ}$  E 38 lks  
dist marked T. 15 N. R. 8 E S. 15 B.T.

Land Mound contains

live rocky - 4<sup>th</sup> rate

Further heavy pine & oak.

## T I S K R &amp; E

E. on a random line bet Secs 10 & 15  
 on  $130^{\circ}35'E$

40.00 Set temporary  $\frac{1}{4}$  sec cor  
 79.84 Intersect  $\frac{1}{4}$  & S line 13 lbs S  
 of the Cor to Secs 10, 11, 14 & 15 -  
 Thence S run

S  $89^{\circ}54'N$  on a true line bet  
 Secs 10 and 15 with same true

Ascend slope

22.00 Top of ridge at 30 feet above sec Cor  
 $\frac{1}{4}$  & S. E. Cross & descend

26.10 Pine 12 in diam

26.50 North course S  $10^{\circ}17.5$  lbs  
 cross & ascend

32.40 Oak 12 in diam

39.92 Set malpais stone 12 + 8 + 6 in  
 8 in in the ground for  $\frac{1}{4}$  sec  
 Cor marked  $\frac{1}{4}$  on N face and

T I S R B S E

raised a mound of stone along side  
 from white. A pine 12 in diameter  
 + 30 ft dist - rocks marked 1/4 S B. J.  
 On rock 8 in diam less S 45° E  
 15 ft dist marked 1/4 S B. J.

52.40 Top of ridge + 125 feet to S + W

80.00 This over to Dec 9, 10, 15 + 16

79.84

Land mountainous  
 Soil rocky 4<sup>th</sup> rate  
 Timber heavy pine - some oak

N. bet Dec 9 and 10

Va 13° 35' E

Over broken rolling ground  
 descending slope

21.00 Enter level flat

## T 18 N R 8 E

4000 Set malpais stone 12+10+7 in  
 5 in in the ground for  $\frac{1}{4}$  dia Cr  
 marked  $\frac{1}{4}$  on N face and raised  
 a mound of stone along side from which  
 a pine 40 in diam hrs  $\pm 20^\circ E$   
 62 cks dist marked  $\frac{1}{4}$  S B S,  
 a pine 28 in diam hrs  $\pm 21^\circ N$   
 63 cks dist marked  $\frac{1}{4}$  S B S,

Ascending gentle slope

6500 Summit of slope + 50 feet -  
 Then over rolling surface descend

8000 Set malpais stone 12+10+9 in  
 5 in in the ground for Cr to S 3,  
 3, 4, 9 and 10 marked with  
 5 notches on the S and 3 notches  
 on the E edges and raised a  
 mound of stone along side from which

## T I R R V E

One oak 4 ins diam less + 60<sup>0</sup> 84  
 lbs dist marked T. I. R. 85 S. 3 B. J.  
 One 3 1/2 ins diam less + 76<sup>0</sup> 39 lbs dist  
 marked T. I. R. 85 S. 4 B. J.  
 One 40 ins diam less S. 60<sup>0</sup> 70 lbs dist  
 marked T. I. R. 85 S. 9 B. J.  
 One oak 7 ins diam less S. 10<sup>0</sup> 37 lbs  
 dist marked T. I. R. 85 S. 10 B. J.  
 Land broken rolling  
 Soil rocky - 4<sup>th</sup> rock -  
 Timber heavy pine & some oak  
 Ridley & Powers  
 M. S. S. S.  
 May 18<sup>th</sup> 1880.

## T. &amp; R. 52

E. on a random line bet Secs 3 + 10

Val  $130^{\circ}35'E$

40.00 Set temporary  $\frac{1}{4}$  sec Cor

79.86 Intersect  $\frac{1}{4}$  sec line 23 lbs

N of the Cor to Secs 2, 3, 10 + 11

Thence Span

N  $89^{\circ}50'W$  on a true line

bet Secs 3 and 10 with same true

descending to slope of Mt. Longfellow

28.00 Foot of Mt 7250 feet below the Cor

30.00 Commenced to ascend ridge

39.93 Set malpais stone 12 + 6 + 6 in

5 in. in the ground for  $\frac{1}{4}$  sec

Cor marked  $\frac{1}{4}$  in. place & raised

a mound of stone along side from

which line was 20 in. diam was  $N8^{\circ}E$

25-lbs dist marked  $\frac{1}{4}$  S.B.T.

## T 18 N R 5 E

- On rock 16 ins diam bet S 50° W  
 28 lbs dist marked 1/4 Sec 3,  
 41.00 Top of ridge extends S. 10° + 200  
 feet high  
 43.00 Ascending + 75 feet - to  
 79.76 The Cr to Sec 3, 4. 9 x 10  
 Good mountains  
 Soil rocky - 4<sup>th</sup> rock -  
 Timber heavy Pine - some oak & maple

N. on a random line bet Sec 3 & 4  
 72 130° 35' E

- 40.00 Set temporary 1/4 Sec Cr  
 81.08 Intersect at boundary of T  
 at the Cr to Sec 3, 4. 35° 32' which  
 is a post - 3 ins ag



J. F. R. S. E.

in mound of stone  
 from which  
 P. pin 26 ins diam hrs.  $\pm 20^{\circ}$  78 lbs net  
 " " 12 " " "  $\pm 20^{\circ}$  77 " "  
 " " 30 " " "  $\pm 35^{\circ}$  227 " "  
 " " 36 " " "  $\pm 35^{\circ}$  199 " "

Shuca Iron

S. on a true line bet - Secs 3 & 4 with  
 same net

Ores broken mixer.

15.05 - Pin 24 ins diam

41.08 Set - malpin's stone 12 + 10 + 6 ins  
 8 ins in the ground for  $\frac{1}{4}$  sec. bar  
 marked  $\frac{1}{4}$  on W face and

J 18.5 R 8 E

raised a mound of stone along side from  
 which a pine 20 ins diam was, S 30° W  
 19 lks dist. - marked 1/4 S R. T.

A pine 22 ins diam was N 26° E 40  
 lks dist. - marked 1/4 S R. T.

48.15 - Oak 5 ins diam

81.08 This Cor to Secs 3, 4, 9 & 10

Land broken rolling

Soil rocky - 4<sup>th</sup> sect

Timber heavy pine & oak.

From the Cor to Secs 4, 5 - 32 & 33

on the S boundary of the

If previously described by me  
 I run: —

## J. R. R. S. E.

N. bet Secs. 32 and 33

$7^{\circ}$  to  $13^{\circ}$   $35'$  S

Ores rolling broken ground  
Gradually descending to  
40.00 + 75 - below Sec Cor.

Set mulpin's stone 20 + 8 + 4 in  
14 in in the ground for  $\frac{1}{4}$  Sec  
Cor marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone  
along side from which

A pine 12 in diam to S  $10^{\circ}$  E  
30 lbs dist - marked  $\frac{1}{4}$  S B.T.

A pine 14 in diam to N  $20$  to  $160$   
lbs dist - marked  $\frac{1}{4}$  S B.T.

53.00 Commenced to descend

56.04 Pine 14 in diam

60.00 Bottom of wash about -

## T. S. R. S. E.

70 feet - below  $\frac{1}{4}$  Sec. 40 - Contour S. E.

61.00 Ascend from brush

66.00 Top of slope about 75 feet high

80.00 Set malpais stone 12 + 10 + 8 ins.

5 ins in the ground for 6 to 8 ins

28, 29, 32 + 33 marked with

1 notch on the S and 4 notches

on the E. edges and raised a

mound of stone along side from

which a pine 12 ins diam. has S 30° E

100 lbs dist. marked T. S. R. S. E. S 33 B. S.

A pine 20 ins diam. has 15° E 100 lbs

dist. marked T. S. R. S. E. S 28 B. S.

A pine 8 ins diam. has S. 80° W 100 lbs

dist. marked T. S. R. S. E. S 32 B. S.

Land mountainous

Soil - rocky - 4th set

Timber heavy Pine - oak - aspen

T. 18. N. R. 8 E.

E. on a random line bet - Secs 28 & 33

va  $13^{\circ} 38' E$

40.00 Set temporary  $\frac{1}{4}$  Sec Cor

80.18 Intersect - T & S line at - the  
Cor to Secs. 27, 28, 33 & 34  
Thence I run

N. on a true line bet Secs 28 & 33

with same va

8.00 Commenced to ascend mt -

30.50 Top of Milo's butte + 150 feet  
above Sec Cor.

31.00 Commenced to descend

40.09 Set - mason's stone 14 + 12 + 4 in  
10 in in the ground for  $\frac{1}{4}$  Sec  
Cor marked  $\frac{1}{4}$  on N face and  
rursed a mound of stone  
along side from which.

## T 18 N R 8 E

A pine 18 ins diam hrs S 45° W 6-40s  
dist - marked 1/4 S. B. T.

A pine 12 ins diam hrs N 20° E  
60-40s dist - marked 1/4 S. B. T.

61.80 Bottom of wash - 130 feet below  
top of Milo's butte 15-40s with Concess.

62.00 Record from wash - 30 feet

74.20 Pine 20 ins diam

80.18 This lot to hrs 28, 29, 32 + 33

Sound mountainous

Soil rocky - 4<sup>th</sup> mile -

Timber heavy pine - oak - aspen

J. Sect. R. 8 E.

N. Net Sec 28 + 29

To 13° 38' E

Through heavy timber

35.30 Pine 20 ins diam

40.00 S. muller's stone 12 + 9 + 7 is

8 ins in the ground for (H. Sec)

Cor marked  $\frac{1}{4}$  N. W. face and

raised a mound of stone

along side from which

On Oak 12 ins diam Sec S. E. 35

lls dist marked  $\frac{1}{4}$  S. B. T.

A pine 24 ins diameter 170.36 ll

dist marked  $\frac{1}{4}$  S. B. T.

41.80 Juniper 16 ins diam

46.07 Pine 18 " "

49.90 Shallow water course N. 10° W

50.00 Arcend along N. slope of Mt -

## T. H. R. &amp; E.

80.00 A point about 250 feet  
 above marsh level - Mulberry  
 Stone 18 + 12 + 8 ins 12 ins  
 in the ground for Cor to Lees  
 20. 21. 28 + 29 with 2 notches  
 on the S and 4 notches on the  
 E edges and raised a mound  
 of Stone along side from which  
 A pine 12 ins diam tree 45° N 16  
 lbs dist marked T. H. R. & E. S. 20 B. S.  
 An oak 10 ins diam tree 45° E 20 lbs  
 dist. marked T. H. R. & E. S. 21 B. S.  
 A pine 20 ins diam tree SW 00 lbs dist  
 marked T. H. R. & E. S. 24 B. S.  
 An oak 8 ins diam tree S 00 E 80  
 lbs dist marked T. H. R. & E. S. 25 B. S.  
 Laurel brush + Prostrata  
 Soil rocky - 4<sup>th</sup> rock  
 timber heavy pine oak + Juniper



T 18 N R 5 E

E. on a random line bet Secs 21 &amp; 28

7-a 130° 35' E

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

80.18 Pick up Sec 1 - T + S line 27 lks

N of the Cor to Secs 21, 22, 27 &amp; 28

thence S from

N 89° 48' W, on a true line bet -

Secs 21 &amp; 28 with same Va

Ored rolling surfaced

Commenced to descend

2.60 oak 12 ins diam

11.50 Cross wash to lks wide about

200 feet - below Sec Cor. Point N

12.00 Commenced to ascend slope

40.09 A point about 750 feet above wash

Set mulpais stone 16 + 10 + 8 ins

11 ins in the ground for  $\frac{1}{4}$  Sec

## J. I. R. R. E

Cor marked  $\frac{1}{4}$  m. s. face and  
 raised a mound of stone  
 alongside from which  
 a pine 12 in diam has S  $10^{\circ}$  W 10' S. dist.  
 marked  $\frac{1}{4}$  S. B. T.

A pine 14 in diam has S  $50^{\circ}$  E  
 32' S. dist. marked  $\frac{1}{4}$  S. B. S.

59.80 oak 8 in diam

65.40 Pine 14 " "

68.00 Top of Mountain about 450 feet  
 above last  $\frac{1}{4}$  Sec. Cor

70.00 Commenced to descend Mt -

80.18 At point about 250 feet below  
 top of Mt, the Cor to Secs 20, 21, 28 & 29

Land mountainous

Soil rocky - 4<sup>th</sup> sub -

Timber heavy pine - oak & maple

T. S. N. R. S. E.

N. bet Secs 20 and 21

7<sup>th</sup> 13° 35' E

Overpolling stony surface

40.00 Descending slope.

40.00 A point about 75 feet below Sec. Cor.

A mulpin stem 12 + 10 + 6 in

8 in in the ground for 1/2 sec

Cor marked 1/4 or 3/8 in and

raised a mound of stem alongside

from which a fine series diam 10

4 1/2 lbs diam marked 1/4 B. T.

A fine 10 in diam has 4 30<sup>th</sup> or 25-

lbs diam marked 1/4 B. T.

41.50 + Road course N E

56.00 + Ravine 10 lbs with course S 70<sup>th</sup> W

Has nothing gently as under  
through heavy timber!

## T. S. N. R. S. E.

80.00 Set Mulpin's stone 12+10+9 in  
 This in the ground for Cor to Dec  
 16, 17, 20 + 21 with 3 nodules on  
 the S and 4 nodules on the E edges  
 and raised a mound of stone  
 along side. From which  
 a pine 26 in diam less to 20° E 46  
 lbs dist. marked T. S. N. R. S. E. S. 16 B. J.  
 A pine 32 in diam less to 30° W 74 lbs  
 dist. marked T. S. N. R. S. E. S. 17 B. J.  
 An oak 12 in diam less to 40° W 40 lbs  
 dist. marked T. S. N. R. S. E. S. 20 B. J.  
 An oak 16 in diam less to 29 lbs  
 dist. marked T. S. N. R. S. E. S. 21 B. J.  
 Land Mountainous  
 Soil - rocky - 4 to 6 in -  
 Timber heavy pine & oak - oak

T. 15 N R 8 E

E. on a random line bet Secs 16 + 21

7 or 13. 35' E

40.00 Set temporary  $\frac{1}{4}$  Sec Cor

to 0.00 Pulvered to S line at the Cor to

15, 16, 21 + 22

Thened Iron

W on a true line bet Secs 16 + 21

with same no.

Over broken rocky surface,

40.00 Set Malpais stone 12 + 10 + 9

Pins in the ground for  $\frac{1}{4}$  SecCor marked  $\frac{1}{4}$  out face and

raised a mound of stone

along side from which

A pine 30 ins diam bet  $\frac{1}{4}$  67° E28 lks west marked  $\frac{1}{4}$  S M. J.A pine 25 lks diam bet  $\frac{1}{4}$  87° W

T. 18. N. R 8 E

29 cks dist. marked  $\frac{1}{4}$  S. A. J.

71.00 Ascend gentle slope of ridge

80.00 The cor to Secs 16, 17, 20 &amp; 21

Land high rocky mesa

Soil - 400 cals -

Timber heavy pine &amp; oak - oak

N. bet - Secs 16 &amp; 17

7a 130.35' E

Ascending along E slope of ridge

40.00 A point about 70 feet above Sec 16

Set mullhans stone 12 + 10 + 6 in

Soil in the ground for  $\frac{1}{4}$  SecCor marked  $\frac{1}{4}$  on W face and

raised a mound of stone

along side from white

T. 15 N R 8 E

An oak 18 in diam less N 70° E 33  
lks dist marked 4000 T.

An oak 20 in diam less S 36° E 40  
lks dist marked 4000 T.

58.00 Commenced to descend

76.00 Bottom of wash 8 lks with course  
grass -- 80 feet below top of ridge

80.00 Sit-malpais stone 12 + 10 + 8 in  
8 in in the ground for 6 to 8 in

8, 9, 16 & 17 marked with 4  
notches each on the S and E  
edges and raised a mound of  
stone along side from which

a pine 20 in diam less S E 13 lks  
marked T. 18 N R 8 E S 16 B J

A pine 2 in diam less S 30° E 75 lks  
dist marked T. 15 N R 8 E S 17 B J

T. 18 N R 5 E.

One oak 6 in diam less N 6° E 23  
 Also dist. marked T. 18 N R 5 S 13 T  
 A pine 30 in diam less N 70° W 77 - 11  
 marked T. 18 N R 5 E S 5 A T.  
 Land high broken  
 Soil - rocky - 4<sup>th</sup> rate -  
 Timber heavy pine. Sect. over

E. of abandoned line bet. Sec 9 & 16  
 Fa 13° 35' E

40.00 Set temporary 1/4 Sec Cor

80.10 Intersect to S line at the

Cor to Secs 9, 10, 15 & 16

Thence S 1/4

N. on a true line 9 & 16 with  
 some va.



## T. S. R. &amp; E.

Along high ridge

4005 - Set - mauler's Stone 16 + 10 + 9 in

11 in in the ground for  $\frac{1}{4}$  Sec. Cor  
marked  $\frac{1}{4}$  cut face and raised  
a mound of stone along side

From which a pine 40 in diam has  $N 36^{\circ} E$   
87 cks dist - marked  $\frac{1}{4}$  S. B. T.

A pine 25 in diam has  $N 20^{\circ} W$

63 cks dist - marked  $\frac{1}{4}$  S. B. T.

5300 Pine 30 in diam

8010 The Cor to Secs 8, 9, 16 & 17

Land high rolling

Soil rocky 4<sup>th</sup> rate -

Timber heavy pine

Jas A. Curtis's

Compassman

May 1st 1885.

J. H. R. E.

A. bet - Secs 8 + 9

Ta 13° 35' E

Ascend gentle SW slope of  
ridge that extends SE.

40.00 Set Malpais stone 12+10+7 in

8 ins in the ground for 1/4 dia

Cor marked 1/4 on W face and

raised a mound of stone along side

from which a fine 16 in diam line

N 15° E 74 lbs dist - marked 1/4 B. T.

An oak 10 in diam bet S. 40° W.

69 lbs dist - marked 1/4 B. T.

78.00 Top of slope + 200 feet above

East - Sec Cor.

80.00 Set Malpais stone 12+10+8 in

8 ins in the ground for Cor to

Secs 4, 5, 8 and 9 with

T. 18 N R 8 E

with 5 notches on the S and 4 notches  
on the E. edges and raised on  
measured of stone along side of  
A pine 20 ins diameter N 57° W. 95-cks dist  
marked T. 18 N R 8 E S 5 B. J.

An oak 16 ins diameter S. 70° W 92-cks  
dist marked T. 18 N R 8 E S 8 B. J.

A pine 20 ins diameter S 50° E. 70-cks  
dist. marked T. 18 N R 8 E S 9 B. J.

A pine 2 ins diameter N 0° 30' E  
11-cks dist marked T. 18 N R 8 E S 4 B. J.

Land mountainous

Soil rocky - 4 to 6 in -

Timber heavy pine & oak -

## T. 18 N. R. 8 E.

Open random line bet Sec 4 & 9  
 Va.  $13^{\circ} 35' E$ .

40.00 Sit temporary  $\frac{1}{4}$  Sec Cor

79.52 Culvert at S line 17 lbs  
 N. of the Cor to Secs 3, 4, 9 & 10  
 Thence S run

N  $89^{\circ} 53' W$  on a true line  
 bet Secs 4 and 9 with some va.

26.00 Commence to ascend ridge

39.91 Sit mulpin's stone 15' 4" + 8" in  
 10" in the ground for  $\frac{1}{4}$  Sec  
 Cor marked  $\frac{1}{4}$  in N by a V raised  
 at mound of stone along side from which  
 a pine 14" in diam bet. N  $70^{\circ} W$  26 lbs  
 dist marked  $\frac{1}{4}$  S B J

a pine 16" in diam bet. S  $20^{\circ} W$ .  
 36 lbs dist - marked  $\frac{1}{4}$  S B J.

## T. 18 N R 5 E

42.00 Top of ridge about 720 feet -  
above East Sec Cr No 52.

52.00 Second slope of ridge

79.82 A point 750 feet below top  
The Cr to Secs 4, 5, 8 & 9  
Land Mountainous  
Soil rocky - 4<sup>th</sup> rate -  
Timber heavy Pinus Scot: oak

N. on a random line bet Secs 4 & 5

72° 13' 35" E

40.00 Set temporary 1/4 Sec Cr

81.40 Intersect N boundary of  
Township 26 lks E of the Cr  
to Secs 4, 5, 32 & 33  
which is a part 3<sup>rd</sup> Sec 4

J. 18 N. R. 8 E.

in a mound of stone  
 from which  
 Apr 20 in diam hrs S 54 72 2000  
 " " 12 " " " S 12 E 84 60 dia  
 " " 27 " " " N 15 1/2 W 91 0 "  
 " " 12 " " " N. 18 E 1900 "

Thence I ran

S. 00° 11' E bet Lico 415 with  
 same va.

Over broken rocks,

4140 SW-mulch is stone 12 ft + 6 in  
 8 in in the ground for 1/4

J. W. R. E

Sec 1 Cor marked 4 m. N. of center  
 raised a mound of stone along side  
 from which I fine 3 pins down here S  
 10° E 40 kts dist. marked 4 S B J  
 An outcrop in line N 50° W 17 m  
 dist marked 4 S B J.

75.00 Cross gulch 10 kts wide Course  
 N and around

81.40 A point about 70 feet above gulch  
 the air to Secs 4, 5, 8 & 9  
 Land high rolling  
 Soil rocky - 4<sup>th</sup> rate  
 Timber heavy pine oak - oak  
 I carefully examined my  
 instruments to-day and found  
 it in perfect adjustment -

J. N. R. S. E.

From the Cor to Secs. 5-6. 31+32  
on the S boundary of the Lp  
previously described by me  
I saw.

N bet. Secs. 31+32

7a 13° 35' E

Ores pulling surface

301.0 Pine 8 ins diam

40.00 Set - mulpais stone 12+10+8 in  
8 ins in the ground for 1/4 Sec  
Cor marked 1/4 on N. 1/2 Sec and  
raised a mound of stone along side  
from which a pine 12 ins diam was  
N. 10° E, 12 cks dist marked 1/4 S. B. S.  
a pine 8 ins diam was S. 20° W  
3 cks dist marked 1/4 S. B. S.  
65.00 Pine 12 ins diam



T. I. A. R. T. S.

68.14 Pine 8 ins diam

80.00 Set mulch's stone 16 + 8 + 6 ins  
 12 ins in the ground for Cor  
 to Secs 29, 30, 31 + 32 marked  
 with 1 notch on the S and 5  
 notches on the E. edges and  
 raised a mound of stone  
 along side - from which  
 A pine 8 ins diam has N 10° E  
 60 lbs dist marked T. I. A. R. T. S. 29 B. J.  
 One oak 8 ins diam has S 45° W 100 lbs  
 dist marked T. I. A. R. T. S. 31 B. J.  
 A pine 8 ins diam has S 25° E 85 lbs  
 dist marked T. I. A. R. T. S. 32 B. J.  
 Land high rolling  
 Soil rocky 4<sup>th</sup> rate  
 Timber heavy Pine & Oak

T. 18th. R 8 E

E. on a random line bet Secs 29 & 32  
 7<sup>th</sup> 13° 35' E

40.00 Set temporary 7' sec Cr  
 80.00 Intersect to S line at the  
 Cr to Secs 28, 29, 32 & 33  
 Thence S run

W. on a true line bet Secs  
 29 & 32 with some to  
 over rolling surface

15.03 - Pine 12 ins diam.

22.20 Oak 8 " "

40.00 Set malpais stone 14 + 7 + 6 ins  
 10 ins in the ground for 7' sec  
 Cr marked 1/4 on N face and  
 raised a mound of stone  
 alongside from which  
 a pin 4 5 ins diam bet Secs 28

T. S. R. R. E

65-cks dist marked  $\frac{1}{4}$  Sec B. J.

A pine 38 ins diam bet A. 76 or

16-cks dist marked  $\frac{1}{4}$  Sec J.

52.20 Shallow Wash Course S 10 or

55-05 Pine 18 ins diam

73.95 " 14 " "

80.00 This Cr to Sec 29. 30 31 + 32

Land high rolling

Soil rocky - 4<sup>th</sup> wh -

Timber heavy pine + scat - oak

N. on a random line bet Sec 30 + 31

72.130 35' E

40.00 Int temporary  $\frac{1}{4}$  Sec Cr79.55 Intersect the ~~SW~~ boundary of the  
Twp. at the Cr to Sec 25. 30. 31 + 36

T. 15 N R 8 E

which is in malpais rock 947  
ins above ground with 1 notch  
on S and 5 notches on N edges  
from which a pine 70 ins diam hrs  $45^{\circ}$  E 90 lbs  
dist marked T. 15 N R 8 E S 30 B.T.

A pine 20 ins diam hrs S  $40^{\circ}$  E 23 lbs dist-  
marked T. 15 N R 8 E S 31 B.T.

A pine 30 ins diam hrs S.  $89^{\circ}$  W 80 lbs  
dist. marked T. 15 N R 8 E S 36 B.T.

An oak 18 ins diam hrs  $20^{\circ}$  W 22 lbs  
dist marked T. 15 N R 8 E S 25 B.T.

Thence I ran

Even a true line but Secs 30 & 31

with some iron

39.55 - Set malpais stone 20 + 10 + 10 ins  
14 ins in the ground for 1/4 sec  
Cox marked 1/4 on N face & raised

J. S. R. R. E.

a mound of stone above which  
 from which a pine 24 in diam was 10<sup>0</sup>  
 75 - also dist - marked 4 S B. J.

A pine 20 in diam was S 45° E 55<sup>0</sup>  
 dist - marked 4 S B. J.

46.04 Cross shallow well course S 15° W

69.80 Pine 12 in diam

79.55 The Co to Secs. 29, 30, 31 & 32

Land high rolling

Soil - rocky - 4<sup>th</sup> cuts

Timber Pine & Scot oak

N. of Secs 29 & 30

Over high rolling ground N 15° 35' E

40.00 Set marker's stone 12 + 5 + 6  
 ins 8 ins in the ground

## J. F. R. S.

For  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  on  
 N. side and raised a mound of  
 stone along side from which  
 a pin 42 ins diameter S 45° W  
 240 lbs dist marked  $\frac{1}{4}$  S. E.  
 A pin 8 ins diam has N 60° E  
 400 lbs dist - marked  $\frac{1}{4}$  S. E.

52.00 Second slope

56.10 Cross road - 20 feet across S 10° W  
 and around slope

70.00 Top of slope about 70 feet above

80.00 Set maulpiss stone 12 + 9 + 7 ins  
 5 ins in the ground for roots has  
 19, 20, 29 or 30 marked with  
 2 notches on the S. and 5 notches  
 on the E. edge and raised a  
 mound of stone along side from which

T. S. R. S. E

A pine 14 ins diam hrs N 35° E 40  
 lks dist. marked T. S. R. S. E S 20 B. J.

A pine 18 ins diam. west 40° N 50 lks dist  
 marked T. S. R. S. E S 19 B. J.

A pine 30 ins diam hrs S 40° W 100 lks dist  
 marked T. S. R. S. E S 30 B. J.

A pine 20 ins diam hrs. S 25° E 120 lks dist  
 marked T. S. R. S. E S 29 B. J.

Land high rolling

Soil rocky - 4<sup>th</sup> rock -

Timber heavy pine.

E. on a random line bet Sec 20 & 29  
 70° 13' 40" E

40.00 bet temporary 1/4 Sec C

70.00 intersects N & S line 31 lks S.

## T. 18 N R 8 E

of the Cor to Secs 20, 21, 28 & 29

Thence from

S 89° 47' W on a true line

bet Secs 20 & 29 with corner to

22.15 Pine 13 ins diam

37.60 " 14 " "

40.04 Set mulpais stone 9+8+7 ins  
6 ins in the ground for 1/4 Sec

Cor marked 1/4 on N face of mulpais

A mound of stone along side

from which a pine 12 ins diam bet S. 25° E

60 lks dist. marked 1/4 S B J

A pine 8 ins diam bet S 13° W

75 lks dist marked 1/4 S B J

47.00 A spring bet N 200 lks

65.05 Pine 20 ins diam

67.93 " 24 " "



## T. 8. N. R. 5 E.

72.00 Pine 24 in diam.

8005 The Cor to Sec 19, 20, 29 + 30

Land high rolling

Soil rocky - st. h. h. h.

Timber heavy pine

St. on a random line bet Secs 19 + 30

7a 13° 40' E.

40.00 Set temporary 1/4 Sec Cor

79.5-5- Intersect - to boundary of  
township 14 cks N of the Cor  
to Secs 19, 24, 25 - and 30 which  
is a vulcanic rock 10 + 7 in  
above ground with 2 notches  
on the S. and 4 notches on the  
N. edges from which

## T. S. R. P. S. E

A pine 9 ins diam hrs  $N 58^{\circ} E 34$   
 Its dist marked T. S. R. P. S. 19 B. J.  
 An oak 14 ins diam hrs  $S. 43^{\circ} S 40$  lbs  
 dist. marked T. S. R. P. S. 20 B. J.  
 A pine 18 ins diam hrs  $S 62^{\circ} W 64$  lbs  
 dist. marked T. S. R. P. 21 B. J.  
 A pine 24 ins diam hrs  $N 48^{\circ} W$   
 53 lbs dist. marked T. S. R. P. 22 B. J.  
 Thence I ran

$N 89^{\circ} 54' E$  on a true line  
 but Sec 19 and 20 with some  
 39 55- Set mulpin's stone 12 + 12 + 8  
 ins 8 ins in the ground for 4  
 Set its marked 4 on N face  
 and raised a mound of  
 stone along with from which  
 A pine 20 ins diam hrs  $N 64^{\circ} W$

T. S. N. R. 8 E

4966 dist marked  $\frac{1}{4}$  S. B. T.  
On rock gas in line was 589'  $\pm$  10' dist  
dist marked  $\frac{1}{4}$  S. B. T.

7953- The Cor to Sec 19. 20. 29 + 30  
Level high, rolling  
Soil rocky - 4' thick -  
Timber heavy pine & Oak oak.

---

N. bet - Sec. 19 & 20  
on 13  $\pm$  40' E

Second slope

- 12.00 Entire valley about 40 feet below Cor.
- 14.70 + road course E.
- 40.00 Set - mulpis stone 12 + 10 + 8 in  
8 in in the ground for  $\frac{1}{4}$  S. Cor  
marked  $\frac{1}{4}$  for W face and raised a

T. S. R. P. S. E.

mound of stone along side from which

A pine 34 ins diam base N 40° E

78 lks dist. marked 1/4 S. B. S.

A pine 4 1/2 ins diam base N 13° W 92 lks

dist marked 1/4 S. B. S.

70.00 Guess gneiss base with course  
S 10°

80.00 Set malpais stone 13 + 10 + 6 ins

9 ins in the ground for base to

lines 17, 18, 19 and 20 marked

with 3 notches on the S and 5

notches on E edges and

raised a mound of stone

along side - from which

A pine 27 ins diam base

S 30° W 93 lks dist marked T. S. R. P. S. E. 20 B. S.

A pine 16 ins diam base S 20° W 8 lks dist.

T. 18 N R 8 E

marked T. 18 N R 8 E S 19 B J

Aspen 18 ins diameter N. 26 E 35-40 ft

marked T. 18 N R 8 E S 17 B. J.

Aspen 24 ins diameter N 60 W 40 ft

ditto marked T. 18 N R 8 E S 18 B. J.

Land broken - rolling  
Soil - rocky - 4th rock -  
Timber heavy pine.

E. on a random line bet Secs 17 + 20

7a 13° 30' E

40.00 bet temporary 1/4 Sec Cor

80.00 subject to S line at the Cor to  
Secs 16, 17, 20 + 21.

Hence I ran

N. on a true line bet Secs 17 and 20

T. I. R. O. R. E.

with some iron

40 04. Set malpais stone 12 + 10 + 6 in  
 8 in in the ground for  $\frac{1}{4}$  sec. for  
 marked 4 in + force and raised  
 amount of stone alongside from which  
 the work. 4 in diam. hrs S 89 of 4 in  
 dist marked 4 S B. I.

4 in 2 in diam hrs S 10 7 54 lbs  
 dist marked  $\frac{1}{4}$  S B. I.

80 09 The Or to Los 17, 18, 19 + 20

Land rolling

Soil - rocky - 4 to 6 in -

Timber heavy pine

Rudolph Powers

U. S. B. I.

May 2nd 1885

T. 8 N. R. 5 E

N. on a random line bet Secs 18 & 19  
 T. 8 N. R. 5 E

40.00 S. 1 temporary 1/4 Sec Cor

79.48 Intersect W boundary of  
 3000 S. of the Cor to Sec 13, 18, 19 & 24  
 which is a malpais rock 8 + 6 in  
 above ground with 3 needles

Each on N & S edges from which  
 a pine 30 in diam bet N 30° E 14 cks  
 dist. marked T. 8 N. R. 5 E S. 18 B. T.

A pine 26 in diam bet S. 30° E 27 cks  
 dist. marked T. 8 N. R. 5 E S. 19 B. T.

A pine 39 in diam bet S 62° W 60 cks  
 dist. marked T. 8 N. R. 5 E S. 24 B. T.

A pine 17 in diam bet N 70° W 137 cks  
 dist. marked T. 8 N. R. 5 E S. 13 B. T.

Thence S. on

## T. S. R. T. E.

S. 79° 47' E on a true line  
bet Secs 18 + 19 with some run

36.00 Cross ravine with some stones

39.00 Enter valley

39.45 Set sulphur stone 16 + 10 46's

12 ins in the ground. 40' 1/4 Sec cor  
marked 1/4 S. on N face and

raised a mound of stones along side  
from which a pine 30" diameter bet N 60° E

64 lbs dist. marked 1/4 S B. J.

A pine 40's dia bet N 81° 07' W 113 lbs

dist. marked 1/4 S B. J.

79.45 This lot to Secs 17, 18, 19 + 20

Land pulling

Soil - rocky - set out

In two heavy pine & Set - up



T. 15 R. 5 E

Lot - Sec 17 and 18

7a 13° 35' E

Over broken ground

40.00 St. Mulphris Stone 10+10+6 in  
pins in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  in height & raised a  
mound of stone alongside from which  
Apr 23 is a line to T 89 of Bldgs  
dis marked  $\frac{1}{4}$  S.B.T.

Apr 25 is a line to T 82 of Bldgs  
dis. marked  $\frac{1}{4}$  S.B.T.

80.00 St. Mulphris Stone 13+10+6 in  
pins in the ground for Cor to Sec  
7. 8. 17 & 18 marked with 4 notches  
on the S and 5 notches on the E edges  
and raised a mound of stone  
alongside from which.

## T. 8 N R. 8 E

A pine 15 in diam hrs N 20° E

3 lks dist marked T. 8 N R. 8 E S 10 B J

Another 14 in diam hrs N 25° <sup>W</sup> E 130 B

dist marked T. 8 N R. 8 E S 7 B J

A pine 23 in diam hrs S 30° W 22 B

dist marked T. 8 N R. 8 E S 15 B J

A pine 27 in diam hrs S 27° E

8 lks dist marked T. 8 N R. 8 E S 17 B J

Ground broken

Soil rocky - 4 to 6 ft -

Timber heavy pine & some oak

E. on a random line bet Sec 8 and 17

40.00 Set temporary <sup>va</sup> 130° 36' E

80.06 Intersect it a S line at the  
Cor to Sec 8, 9, 16 & 17

T. S. & R. S. E.

Therick Open.

P. on a true line bet Secs 8 & 17  
with some ra

40.03 Set malpais stone 12 + 10 + 7 in  
Finds in the ground for 1/4 Sec 17  
marked 1/4 on N face and marked  
a mound of stone along side from which  
A pine 26 in diam bet. S 89 09 64 lbs  
dist. marked 1/4 S. B. T.

A pine 30 in diam bet S 20 72  
65 lbs dist marked 1/4 S. B. T.

80.06 The Cor to Secs 7, 8, 17 & 18  
Land broken  
Soil - rocky & to red -  
Timber heavy pine.

## T. S. N. R. S. E.

At. on a random line bet Secs 7 & 8

To  $130^{\circ} 36' E$

- 40.00 ft temporary  $\frac{1}{4}$  Sec cut  
 79.43 Intersect to boundary of  
 Township 50 E. S. of the cor-  
 to Secs 7, 12, 13 & 18 which is  
 of malpais rock 10 + 9 in  
 above ground with 4 notches  
 on S and 2 notches on N edge  
 from which. A pin 14 in diam bet  $N 40^{\circ}$   
 $E 87$  E. S. E. S. marked T. S. N. R. S. E. S. 7 B. S.  
 A pin 40 in diam bet  $S 60^{\circ} E 134$   
 E. S. E. S. marked T. S. N. R. S. E. S. 7 B. S.  
 A pin 18 in diam bet  $S 50^{\circ} W 192$  E. S. E. S.  
 marked T. S. N. R. S. E. S. 7 B. S.  
 A pin 25 in diam bet  $N 10^{\circ} W$   
 E. S. E. S. marked T. S. N. R. S. E. S. 7 B. S.

T. 18 N. R. 8 E

Huned Crown

S. 84° 39' E on a true line bet-  
Secs. 7 + 18 with same run

3943 Set sulphur stone 16 + 10 + 9 is  
12 in in the ground for 1/4 the  
Cor marked 1/4 X on 1/4 piece  
and raised a mound of stone  
along side from which  
Apr 23 no dim bro S + 45° W  
125-eks dist marked 1/4 S B. J.  
Apr 20 no dim bro S + 40° W 53  
eks dist marked 1/4 S B. J.

7943 The Cor to Secs 7, 8, 17 + 18

Land broken

Soil rocky - 4<sup>th</sup> rock

Timber heavy pine

T. 18 N R 8 E

A. bet Secs. 7 and 8  
 Va 130 36° E

8.00 + Gulch 10 ebs with Course W

39.60 + Gulch 8 ebs with Course S 65° W

40.00 Set walrus stone 10 + 10 + 6 in  
 pins in the ground for  $\frac{1}{4}$  Sec C  
 marked  $\frac{1}{4}$  on W face and raised  
 a mound of stones along side  
 from which a pin 30 in diam  $\text{hrs. } 86^{\circ} 15'$   
 42 ebs dist. - marked  $\frac{1}{4}$  S B J  
 a pin 24 in diam  $\text{hrs. } 45^{\circ} 30'$   
 40 ebs dist. - marked  $\frac{1}{4}$  S B J

80.00 Set walrus stone 12 + 10 + 6 in  
 pins in the ground for Cor to  
 Secs 5, 6, 7 and 8 marked  
 with 5 notches each on S & E  
 edges and raised a mound

T. S. R. S.

A stone alongside from which  
A pine 20 ins diam lvs \$608 26 lbs dist  
marked T. S. R. S. 6 B. J.

A pine 24 ins diam lvs \$708 33 lbs dist  
marked T. S. R. S. 5 B. J.

An oak 20 ins diam lvs \$520 107 lbs  
marked T. S. R. S. 7 B. J.

A pine 20 ins diam lvs \$6408 155 lbs  
dist. marked T. S. R. S. 8 B. J.

Small high broken trees

Small rocky + 4 to 6

Timber heavy pine & some oak

T. S. A. R. S. E.

E. on a random line bet Secs 5 & 8  
 to  $13^{\circ} 35' E$

40.00 Set temporary  $\frac{1}{4}$  Sec Cor

79.90 Culverts - N & S line at the  
 Cor to Secs 4, 5 - 8 & 9

thence I ran

N. on a true line bet Secs 5 & 8  
 with same wa

descending to slope of ridge

30.00 Cross gulch 8 lks wide + 100 feet  
 below last - Sec Cor course SW

39.95 Set - mulpins stone 16 40 + 4 ins  
 12 ins in the ground for  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$   
 on N face raised a mound of stone  
 alongside from which a pine 18 ins dia  
 bet. 70' to 28 lks marked  $\frac{1}{4}$  S. B. T.  
 A pine 16 ins diam bet S  $45^{\circ}$  to 20 lks  
 dist marked  $\frac{1}{4}$  S. B. T. Then



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does NOT  
exist

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T. 18. N. R. 8 E

Over broken mesa.

34.60 Pine tree 16 ins diam

~~80.00~~ The cor to Secs 5, 6, 7 and 8

79.90

Land strong mesa

Soil 4<sup>th</sup> rate

Timber heavy pine &amp; oak

- Now a random line bet Secs 6 & 7  
Va 13° 35' E

40.00 Set temporary 1/4 Sec cor

79.55 - Intersect the N. boundary  
line of the Sp 65 chs S. of the  
cor to Secs 1, 6, 7 and 12

which is a malpais rock

i.e. by 10 ins above ground, with 5  
notches on S and 1 notch on N edges  
from which a pine 28 ins diam

br N  $40^{\circ}$  E, 183 lks dist  
 marked T 18 N, R 8 E, S 6, B, T  
 an oak 6 ins diam br  $S 5^{\circ}$  E 60 lks dist  
 marked T 18 N, R 8 E, S 7 B, T,  
 a pine 26 ins diam br  $S 6^{\circ}$  W 39 lks  
 dist marked T 18 N, R 7 E, S 12 B, T,  
 a pine 25 ins diam br N  $7^{\circ}$  W 41 lks  
 dist. marked T 18 N, R 7 E, S 1, B, T,

Thence I run S  $89^{\circ} 33'$   
 E. on a true line bet-  
 lines 6 and 7 with same Va  
 38.00 enter gulch course  $S 6^{\circ}$  W  
 38.60 Leave gulch 40 feet deep  
 39.55 - Set mulpin's stone 12 + 10 + 6  
 ins 8 ins in the ground  
 for  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  8

J. S. N. R. S. E

on N face and raised a  
mound of stone along side,  
# Pine 14 ins diam bet. N 89° E  
29 cks dist. marked 1/4 S B. J.

Sw Oak 16 ins diam bet. N. 60° W  
dist 32 cks marked 1/4 S B. J.

79.55 - The Cor to Secs 5, 6, 7 and 8  
Land high mesa  
Soil rocky - 4th rate  
Timber heavy Pine & oak

N. on a random line bet  
Secs 5 and 6

va 13° 35' E

40.00 Set temporary 1/4 Sec Cor

T. 18 N. R. 8 E

44.00 Top 110 feet above bottom of  
 Canon Course to  
 82.14 The Cor to Secs 5, 6, 7 and 8  
 Land Rough broken  
 Soil stony - 4 trees to  
 Timber heavy Pine & oak

May 2nd 1885-

Ridley C. Powers

U.S. Deputy Surveyor.

I carefully examined my  
 instrument - to day and  
 found it imperfect -  
 adjustment

T. 18 N. R. 8 E

General Remarks.

This Township extends to the Summit of the Mogollon Mts. The water of the N. slope of Mt. Longfellow flows into the Little Colorado <sup>with</sup> while that from the S. slope flows into the Verde.

Mt Longfellow is one of the highest peaks of the range.

The top is covered with heavy pine and spruce timber and has also considerable oak.

Wherever the timber will permit there is good grass growing.

The entire surface is more or less covered with volcanic stone. Ridgely C. Powers,  
N. S. D. S.

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For final rolls  
see Book 277

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critica  
tions  
are he

U. S. Surveyor General's Office,

Tucson, Arizona, Nov 11<sup>th</sup> 1885-

The foregoing Field Notes of the Survey of the  
 Subdivision lines of Township  
 18 North - Range 8 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
 ted by Rudgley C Powers

Deputy Surveyor, under his contract of the 21 "

day of February, 1885; having been

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

are hereby approved

Rapala Johnson  
 Surveyor General.

