

BOOK 1256

1256

BOOK 1256

F I E L D      N O T E S

O F   T H E   S U R V E Y   O F   T H E

E X T E R I O R   L I N E S   O F

Ts. 11, 12, 13, 14 & 15 N., R.  
29 E., and Ts. 12, 13, 14 and  
15 North, Rs. 30 & 31 E.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By Milton Santee, D.S., under  
Contract dated April 29, 1882.  
commenced June 28, 1882.  
they completed July 18, 1882.

165 117 169 171 172 174 254 256 258 259 261 262 265 267 269 271  
 1486 5 4 3 2 1 16 16 5 4 3 2 1 20 6 5 4 3  
 1477 12 1597 12 2487  
 14518 T. 15 N. R. 29 E. 13 157 18 T. 15 N. R. 30 E. 13 247 18 T. 15 N. R. 31 E.  
 14319 24 56 19 24 245 19  
 14130 23 154 30 25 244 30

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13931 32 33 34 35 36 109 31 32 33 34 35 36 243 31 32 33 34  
~~125 127 131 132 134 136 223 225 228 229 231 233 235 236 238~~  
 6 5 4 3 2 1 119 6 5 4 3 2 1 219 6 5 4 3  
 12 117 7 12 217 7  
 T. 14 N. R. 29 E. 13 114 18 T. 14 N. R. 30 E. 13 213 18 T. 14 N. R. 31 E.  
 24 112 19 24 211 19  
 25 111 30 25 209 30

31 32 33 34 35 36 109 31 32 33 34 35 36 207 31 32 33 34  
~~99 100 102 104 104 106 189 191 193 195 196 198 200 202 203~~  
 6 5 4 3 2 1 94 6 5 4 3 2 1 185 6 5 4 3  
 12 92 7 12 183 7  
 T. 13 N. R. 29 E. 13 90 18 T. 13 N. R. 30 E. 13 182 18 T. 13 N. R. 31 E.  
 24 88 19 24 180 19  
 25 86 30 25 179 30  
 36 84 31 36 176 31

386 1 48 6 1 81 6  
 377 12 46 7 12 78 7  
 3318 T. 12 N. R. 29 E. 13 45 18 T. 12 N. R. 30 E. 13 76 18 T. 12 N. R. 31 E.  
 3119 24 43 19 24 74 19  
 2930 25 42 30 25 72 30

2731 32 33 34 35 36 41 31 32 33 34 35 36 71 31 32 33 34  
~~16 17 19 21 22 24 51 53 55 57 59 60 63 64 66 67~~  
 6 5 4 3 2 1 13 6 5 4 3 2 1 1 5 4 3  
 12 117 7  
 T. 11 N. R. 29 E. 13 10 18  
 24 7 19  
 25 6 30  
 36 4 30

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3

Terrier Boundaries. T. 11 N. R. 29 E. G. & S. R. M.

Survey commenced June 28<sup>th</sup> 1882. with a Burro's Patent Improved Solar Compass, newly new, and in first rate order, made by Otto Seemel of Cassel Germany in 1881.

Before proceeding with the exterior of this Sp. I made a change of 21 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun, I also further tested instrument by reversing I took the latitude and found it to be  $34^{\circ} 16'$  North

C. B. Sp 11 N. R. 29 E. G. & S. R. M

chairs

From the Cor. of Sp 10 & 11 N.  
R. 29 & 30 E. which is a  
limestone in earth  
mound, with pits in good  
order. From

North on a true line, bet.  
secs. 31 & 36.

Var.  $13^{\circ} 50' E.$

Over rolling land.

4000 Set a Sandstone  $14 \times 10 \times 6$  in  
gim. in the ground, for  $\frac{1}{4}$  sec  
sub. cor. marked  $\frac{1}{4}$  on W. face  
dug pits  $18 \times 18 \times 12$  in N. 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 bed of 12 in. dia  
br. N.  $51^{\circ} E.$  60 lbs dist. marked

E. B. <sup>us</sup> Jr 11 N. R. 29 E. G. & S. R. M.

chains

1/4 S. B. T.

A cedar 10 in. dia. br. S. 31 3/4 E. 75 lbs dist.  
marked 1/4 S. B. T.

60.00 Leave timber br. Et W.

80.00 Set a post 4 ft. long, 4 in. sq. with  
marked start, 1 in. in the ground,  
for cor. bdes. 25. 30. 31 + 36. marked  
T. 11 N. S. 30 on N. E.

R 30 E. S. 31 on S. E.

R 29 E. - S. 36 on S. W and  
S. 25 on N. W. faces, with 5 notches  
on N. and 1 notch on S. edges,  
dug pits 18 x 18 x 12 in. 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<sup>d</sup> rate

C. B. <sup>11</sup> N. R. 29 E. S. 8 S. R. 4

chains

Vegetation of Bushgrass.  
Timber of Cedar and Pine

North on a true line, bet.  
Secs. 25 & 30.

Var. 130° 50' E.

Descend.

40.00 Set a post 3 ft. long, 2 ins. dia.  
with marked steel 12 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. on N. face, dig  
pits 18 x 18 x 12 ins. N. & S. of  
post  $5\frac{1}{2}$  ft. dist. and raise  
a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base around post.

65.00 Cross low Sag & ascend

80.00 Set a Sandstone 14 x 10 x 9 in

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E. B. Sp 11 N. R. 29 E. S. & S. R. M.

chain

9 ins. in the ground for Cor. 5  
Secs. 19, 24, 25 & 30, marked  
with 4 stakes on N. & 2 stakes  
on S. 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  
alongside.

Land unmountainous.

Soil 3<sup>d</sup> rate

Timber of Cedar & Pine

Vegetation of Bunchgrass.

North on a true line, bet.  
secs. 19 & 24.

Var. 13° 55' E.

Ascend

C. B. <sup>up</sup> Jr 11 N. R. 29 E. G. & S. R. M.

chains

2.50

Top of Ridge, to Ex W.  
and descend.

Leave timber to Ex W.

4.00

Set a post 2 ft. long 3 in. dia.  
with marked stone 12 in.  
in the ground for  $\frac{1}{4}$  sec. to  
marked  $\frac{1}{4}$  S. on W. face,  
dug pits 18 x 18 x 12 in. W. S.  
of post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $11\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base around post.  
in low Sag and ascend.

8.00

Set a Sand stone 10 x 8 x 8 in.  
7 in. in the ground for <sup>S</sup> cor.  
to Secs. 13, 18, 19 & 24, marked  
with 3 notches on N & S. edges  
dug pits 18 x 18 x 12 in. in  
each sec.  $5\frac{1}{2}$  ft. dist. and



C.B. <sup>20</sup> 11 N.R. 29 E. S. & S. R. M.

chains

raised a mound of earth  
1 1/2 ft. high 3 1/2 ft. base around  
post. in low Sag and sand

8000

Set a Sandstone 1048 x 8 in.  
7 ins. in the ground, for Cor.  
to Secs. 13, 18, 19 x 24. marked  
with 3 notches on S. and 3  
notches on N. edge, 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 alongside.

Land mountainous.

Soil 2<sup>d</sup> rate

Timber of Cedar and Pine  
Vegetation of Pines & grass.

C. B. Apr 11 N. R. 29 E. G. & S. R. M.

chains

North on a true line bet.  
secs. 13 & 18.

Var.  $13^{\circ}50'E.$

Descend over rolling land.

4000 Set a Sandstone  $12 \times 10 \times 10$

8 ins. in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N.

face, dug pit  $18 \times 18 \times 12$  ins.  
N. & 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.

8000 Set a post 4 ft. long 4 ins.

square, with marked stakes,  
12 ins. in the ground, for cor  
to secs. 7, 12, 13 & 18. marked

S. 7 on N. S. 7 on N. E.

R 30 E. S. 18 on S. E.

E. B. Sp. 11 N. R. 29 E. S. 13 R. M

chain

R. 29 E. S. 13 on S. W. and  
S. 12 on N. W. faces, with 2  
notches on N & 4 notches on S.  
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 2<sup>d</sup> rate

Vegetation of Bunchgrass

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North on a true line, bet.  
secs. 7 & 12.

Var. 14° 00' E.

over rolling land

40.00 Set a Sandstone 10 x 10 x 8 in.

E. B. Sp 11 N. R 29 C. G. & S. R. M.

Chain

7 ins. in the ground for  $\frac{1}{4}$  sec.  
 Cor. marked  $\frac{1}{4}$  on N. face,  
 dug pits 18+18+12 ins. N+S.  
 of store 5/ft. dist. and raised  
 a mound of earth 1/ft high  
 $3\frac{1}{2}$  ft. base alongside.

8000

Set a Sandstone 12+8+8 ins.  
 8 ins. in the ground for Cor. to  
 Secs. 1.6. 7+12. marked with  
 1 notch on N. and 5 notches  
 on S. edges. dug pits 18+18+12  
 ins. in each sec. 5/ft. dist.  
 and raised a mound of  
 earth 2 ft high, 4/ft. base  
 alongside.

Land rolling

Soil 2<sup>d</sup> rate

Vegetation of Bunch grass

C. B. Sp 11 N. R. 29 E. G. & S. R. M.

chains

North on a true line bet.  
Secs. 1 & 6.

Var.  $14^{\circ}$  E.

Descend

37.00 Cross low Sag and ascend.

45.00 Set a post 3 ft. long, 2 ins. dia.  
with marked steel, 12 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. on W face, dug  
pits  $18 \times 18 \times 12$  ins. N. S. of  
post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base around  
post.

80.00 Set a sandstone  $14 \times 10 \times 6$   
ins. 9 ins. in the ground, for  
cor. to Sp 11 & 12 N. R. 29 &  
 $30^{\circ}$  E. marked with cutches

N. B. <sup>Sp</sup> 11 N. R. 29 E. S. 1 & S. R. W.

chains

on each edge, dug pits  
 24 x 18 x 12 ins. Crosswise on  
 each line N. S. E. and W.  
 of stone, 6 ft. dist. and  
 raised a mound of earth  
 2 1/2 ft. high, 6 ft. base along side  
 land rolling  
 Soil 3<sup>d</sup> rate

Vegetation, of Burial ground  
 Timber of cedar & Pine.

Before proceeding further  
 with the Extension of this  
 Sp. I made a change of 5 minutes  
 in the latitude arc of  
 my solar compass. by  
 adding same to the

N. B. Sp 11 N. R. 29 E. G. & S. R. M.

chains

reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by crossing. I took the latitude and found it to be  $34^{\circ} 21' N.$

From the Cor. to Sp. 11 & 12 N. Rs 29 & 30 E. From West on a random line in N. By of Sp.  $Var. 14^{\circ} 13' E.$

I set temporary corners at every half mile and at 6 miles 5.60 chs. I arrive at a point 297 lbs North of cor. to Sp. 11 & 12 N. Rs 28 & 29 E.

Which is a Sandstone in

N. B. Sp 11 N. R. 29 C. G. & S. R. M.

chains

earth mound, with pits  
in good order.

Iron which comes from  
N.  $89^{\circ} 39'$  E. on a true line,  
bet. secos. 6 & 31.

Tacos  $14^{\circ} 11'$  E.

Descend

18.55 Cross Gulch 500 wide course

N. and ascend

40.60 Top of spur. to N & S. and  
descend

45.60 Set a <sup>sand</sup> stone  $12 \times 10 \times 8$  in. 8.  
in. in the ground, for  $\frac{1}{4}$  sec.

Cor. marked  $\frac{1}{4}$  on N. face,  
dug pits  $18 \times 18 \times 12$  in. Et N.  
of stone  $57\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base alongside.



N. B. <sup>4</sup> p 11 N. R. 29 E. S. 4 S. R. M.

chains

72.35

Cross Gulch 600 wide, course N. W. and ascend

85.60

Set a Sandstone 10+10+10 ins. firm in the ground for Cor. to Secs. 5. 6. 31+ 32. marked with 5 notches on E and 1 notch on W. edges, dug pits 18+18+12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base, alongside. Sand mountainous.

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

Timber of cedar and Pine  
Vegetation of bunch grass

April 28. 1882.

N. 89° 39' E. on a true line

N. B. Sp 11 N. R. 29 E. S. 4 S. R. M

chain

bet. secs. 32 & 33.

Var.  $14^{\circ} 10' E$ .

Ascend

35.00 Top of Ridge, bet N. W. & S. E.  
and descend

40.00 Set a post 3 ft long 3 ins. dia.  
with marked stone, 12 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4} S$ . on N. face, dug  
pits 18 + 18 + 12 ins. E & W. of  
post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.

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

80.00 Set a Sandstone 14 + 10 + 6 ins.  
9 ins. in the ground, for cor.  
to Secs. 4.5. 32 + 33. marked  
with 4 notches on E & 2 notches  
on W. edges, dug pits 18 + 18

N. B. Sp 11 N. R. 29 E. G. & S. R. M.

chains

ins. in each sec.  $5\frac{1}{2}$  ft. dist.  
and raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$  ft. base  
alongside.

Land mountainous.

Soil 3<sup>d</sup> rate

Timber of cedars & Pine  
Vegetation of bunch grass.

$89^{\circ} 39' E.$  on a true line, bet  
secs. 4 + 33.

Var.  $14^{\circ} 10' E.$

Descend

8.15 Cross Wash. 400 yds wide, come  
N. and ascend

40.00 Set a Sandstone  $16 \times 12 \times 6$  ins.  
11 ins. in the ground, for  $\frac{1}{4}$

N. B. <sup>the</sup> Sp 11 N. R. 29 E. S. 8 S. R. M

chains

Sec. Cor. marked  $\frac{1}{4}$  on N. face, and raised a mound of stone, alongside. Pits impracticable.

42.00 Top of Spur br. N + S and descend.

80.00 Set a Sandstone  $22 \times 14 \times 6$  ins. 16 ins. in the ground, for cor. W Secs. 34, 33 & 34, marked with 3 notches on E & W. edges and raised a mound of stone alongside, Pits impracticable in low Sag. too N + S.  
Land mountainous  
Soil 3<sup>d</sup> rate  
Timber of cedar  
Vegetation of bunch grass

N. B.  $\frac{1}{2}$  11 N. B. 29 C. G. 4. S. R. M.

chains

N.  $89^{\circ} 39'$  E. on a true line,  
bet. secs. 3 & 34.

Var.  $14^{\circ} 15'$  E.

Ascend

46.00 Set a post 3 ft. long, 3 ins. dia.  
with marked star, 12 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  Sec. N face, dug  
pit  $18+18+12$  ins. Et N. 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.

73.00 Sapropus cor. N.S. and  
descend.

80.00 Set a sandstone  $12 \times 10 \times 8$  ins. 8 ins.  
in the ground, for cor. W. Sec.  
2. 3. 34 & 35. marked with

N. B. <sup>no</sup> 11 N. R. 29 E. G. & S. R. W.

choirs

notches on E. and 4 notches  
on W. edges, dug pits 18x18x12  
ins. in each sec. 5 1/2 ft. dist.  
and raised a mound of earth  
2 ft. high, 4 1/2 ft. base along side  
land mountain view.

Soil 3<sup>rd</sup> rate

Timber of cedars.

Vegetation of Bruch grass.

N. 89° 39' E. on a true line,  
bet. secs. 2 & 35.

Var. 14° 05' E.

descend

9.85 cross gulch 30 lbs wide, cross

N. W. and ascend

4000 set apart 3 ft. long, 3 ins.

N. B. <sup>1/4</sup> Sec 11 T. R. 29 E. G. & S. R. M

choirs

dia. with marked stone, 12 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. on N. face, dug  
pits 18 x 18 x 12 ins. Et W. of  
post 5  $\frac{1}{2}$  ft. dist. and raised  
w mound of earth 11  $\frac{1}{2}$  ft.  
high 3  $\frac{1}{2}$  ft. base around post  
Cor set on Top of Ridge,  
to N & S. and descend

8000 Set a post 4 ft. long, 4 ins. dia.  
with marked stone 12 ins. in  
the ground for cor. to Secs.

1. 2. 35 & 36. marked

S. 12 N. S. 36 on N. E.

R 29 E. S. 1 on S. E.

S. 11 N. S. 2 on S. W. and

S. 35 on N. W. faces.

with 1 notch on E and

N. B. <sup>map</sup> Sp 11 N. R. 29 E. S. 4 S. R. M.

shales

5 notches on W. edges, dug  
pits 18 x 18 x 12 ins. in each  
sec. 5 1/2 ft. dist. and raised  
a mound of earth 2 ft high,  
4 1/2 ft. base around post.  
from which

A bed of 14 ins. dia. br. N. 15 1/2° E. 73 ft. dist.  
marked S. 12 N. R. 29 E. S. 36 B. T.

Land mountainous

Soil 3<sup>d</sup> rate

Timber of cedar & Pine

Vegetation of Bush grass.

N 89° 39' E. on a true line,  
bet. secs. 1 & 36.

Var. 14° 00' E.

Descend.



N. B. Sp 11 N. R. 29 E. G. & S. R. M

chain

4000

Set a post 2 ft. long, 3 ins. dia. with marked star, 12 ins. in the ground for  $\frac{1}{4}$  sec. bar. marked  $\frac{1}{4}$  S. on N. face, dug pits  $18 \times 18 \times 12$  ins. E and W. of post, 5 ft dirt. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around post.

41.85

Cross Wash 30 lbs wide  
course N.  $20^\circ$  W. and  
ascend

8000

The bar. to Sp. 11 & 12  
N. Pos 29 & 30 E.  
Land unmountainous.  
Soil 3<sup>d</sup> rate

N. B. G. 11 N. R. 29 C. L. & S. R. M.

chain

Timber of cedar & Pine  
Vegetation of bunchgrass

---

12  
 N. B. Sp. ~~R. R. 29~~ E. G. & S. R. M.

chains

From the cor. to Sp  
 11 + 12 N. Ro 28 + 29 E.  
 just recently establi-  
 shed I run

North on a true line,  
 bet. Secs. 31 + 36.

Var  $14^{\circ} 11' E.$

Descend

4000

Set a Sandstone 16 + 12 + 4  
 ins. 11 ins. in the ground  
 for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  on N. face, dug pits  
 18 + 18 + 12 ins. N.W. 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 along-  
 side

80.00

Set a post 4 ft. long, 4 ins.

W. B. ~~112~~ <sup>112</sup> N. R. 29 E. S. 31 & S. R. M.

chain

square, with marked stony  
12 ins. in the ground, for  
Cor. to Secs. 25, 30, 31 & 36.  
marked S. 12 N. S. 30 on N. E.

R. 29 E. S. 31 on S. E.

R 28 E. S. 36 on S. W. and  
S. 25 on N. W. faces, with  
5 notches on N. and 1 notch  
on S. edges, dug pits 18x18  
x 12 ins. in each sec. 5 1/2 ft.  
dial. and raised a mound  
of earth 2 ft high, 4 1/2 ft.  
base around post.

Laid mountainous  
Soil 2<sup>nd</sup> rate

Timber of Cedar

Vegetation of Burdockgrass.

W. B. G. P. N. R. 29 E. G. & S. R. M

Lines

North on a true line, bet  
secs. 25 & 30.

Var.  $14^{\circ} 15' E$ .

Descend

19.00 Cross Gulch, 500 ft wide  
course N. and ascend

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

80.00 Set a Sandstone 24 x 18 x 6  
ins. 18 in. in the ground,

N. B. Exp 12<sup>th</sup> N. R 29 E. S. 4 S. R. M

Lines

for Cor. to sec. 19, 24.  
 25 x 30. marked with 4  
 notches on N. and 2 notches  
 on S. edges, dug pits 18 x 18 in  
 in each sec. 5/8 ft. dist.  
 and raised a mound  
 of earth 2 ft. high 4/8 ft.  
 base along side.

Land rolling

Soil 2<sup>d</sup> rate

Timber of cedar

Vegetation of Bunchgrass  
 and Sagebrush.

N. B. Sp. ~~12~~ N. R. 29 E. G. & S. R. M.

Lines

North on a true line,  
bet. Secs. 19 + 24  
Var.  $14^{\circ}05'E$ .

Ascend

19.00 Foot of spur br. Et W.  
and ascend.

39.00 Top of spur Et W. and  
descend

40.00 Set a Sandstone  $14 \times 10 \times 6$   
ins. q ins. in the  
ground, for  $\frac{1}{4}$  sec. Cor.  
marked  $\frac{1}{4}$  on W.  
face, and raised a  
mound of stone along  
side, pits impassible.

47.00 Foot of spur, br Et W.  
and descend—

50.00 Set a Sand stone  $13 \times 12 \times 9$

W.B. G. 12 N.R. 29 E. G. & S. R. M.

Chain

in. pins in the ground  
 for Cor. to Secs. 13, 18, 19 &  
 24. marked with 3 notches  
 on N & S. edges, and  
 raised a mound of  
 stone along edge  
 Pits impracticable.  
 in low Sag, bis Ex W.  
 Land mountainous  
 Soil 3<sup>d</sup> rate  
 Timber of beech  
 Vegetation of Bush  
 grass. and  
 Sagebrush.



W. B. Sp 12 N. R. 29, E. G. & S. R. A

Lines

North on a true line  
bet. secs. 13 & 18.

Pa  $14^{\circ} 10'$  E.

Ascend

31.00 Top of Ridge, to Ek  
N. and descend.

40.00 Set a post 3 ft long,  
3 ins. dia. with marked  
stone, 12 ins. in the ground  
for  $\frac{1}{4}$  sec. bar. marked  
 $\frac{1}{4}$  S. on N. face, dug  
pits  $18 \times 18 \times 12$  ins. N &  
S. of post  $5\frac{1}{2}$  ft. dist.  
and raised a mound  
of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$   
ft. base around post.  
from which  
A cedar 10 in. dia. to S.  $88^{\circ}$  N.

34

BOOK 1256

W

A. B. Sp 12th R. 29 E. S. &amp; S. R. M.

Chairs

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

8000

Set a lava stone  
 $14 \times 10 \times 7$  ins. 9 ins.  
 in the ground for cor.  
 to Secs. 7, 12, 13 & 18,  
 marked with 2 notches  
 on N and 4 notches on  
 S. edges. dug pits  
 $18 \times 18 \times 12$  ins. in each  
 sec. 5/8 ft. dist. and  
 raised a mound  
 of earth 1 ft. high,  
 $4\frac{1}{2}$  ft. base, along-  
 side.

Land rolling.

Soil 2<sup>d</sup> rate

Vegetation of bunch

W  
C. B. Sp. 121 R. 29 E. G. + S. R. M.

Chain

grass  
Number of beds.

W. B. T. 12 A R. 29 E. S. & S. R. W.

Chains.

North on a true line between Secs. 7 and 12,  
"Var.  $14^{\circ} 10'$  East.

Descend,

40.00 Set a Sand Stone  $12 \times 8 \times 8$  ins. 9 ins. in the  
ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  with  
face, dug pits,  $18 \times 18 \times 12$  ins. W & 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 along side.

41.00 A House, bears East about 1800 lks. dist.

44.28 Cross Wash, 15 lks. wide, Course W., and  
ascend.

70.00 Set a Sand Stone  $14 \times 12 \times 6$  ins. 9 ins. in  
the ground for Cor. to Secs. 1, 6, 7 & 12,  
marked with 5 notches on S,  
and 1 notch on W, edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec.  $5\frac{1}{2}$  ft. dist.  
and raised a mound of earth 2 ft.  
high  $4\frac{1}{2}$  ft. base, along side.

N. B. S. 12. N. R. 29 E. G. & S. R. 11.

Chains.

Land rolling and hilly.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunch grass.

Timber of Cedar.

---

North on a true line between Sec. 1 and 6.

Var. 140 20' East.

Ascend.

9.00 Leave timber, bears E 4<sup>th</sup> and 4<sup>th</sup> N.

40.00 Set a Sand Stone 18 x 12 x 9 ins. 13 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on W. face, dug pits, 18 x 18 x 12 ins. N. 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.

115.40 Intersect the 3<sup>rd</sup> Standard Parallel North at a point 7.00 chs. West of the  $\frac{1}{4}$  <sup>SEC</sup> Standard Cor. which is a post

W. B. J. 12, N. P. 29 E. G. + S. R. 10.

Chains.

marked  $S\frac{1}{4}E$   
 in earth mound with pits on N. face  
~~13. Dec. 36 S. 13 N. P. 28 E.~~ and  
 Set a post  $4\frac{1}{2}$  ft. long, 4 ins. square,  
 12 ins. in the ground with marked  
 stone for closing Cor. to 2 po. 12 N.  
 P. 28 and 29 E. <sup>marked</sup> S. 6, on E and R.  
 28. E. S. 1, on W. face with 6 notches  
 on S, E and W. edges. dug pits,  
 $24 \times 18 \times 12$  ins. crosswise on each  
 line, S. E + W of post, 6 ft. dist. and  
 raised a mound of earth  $2\frac{1}{2}$  ft. high  
 5 ft. base, around post.

Land rolling and hilly.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass  
 and Sagebrush.

June 29, 1887.

E. B. J. 12, N. R. 29 E. G. + S. W. M.

Chains.

From the Cor. to Tps. 11 + 12 N. R's. 29 +  
30 E. just recently established, I  
run,

North on a true line between Secs.  
31 and 36.

var.  $14^{\circ} 13'$  East.

Over rolling land:

40.00 Set a Sand Stone  $12 \times 8 \times 8$  ins.  
8 ins. in the ground, for  $\frac{1}{4}$  Cor.  
Cor, marked  $\frac{1}{4}$  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.

80.00 Set a Sand Stone  $14 \times 8 \times 6$  ins.  
9 ins. in the ground for Cor. to Secs.  
25, 30, 31 and 36, marked with  
1 notch on S, and 5 notches on  
N. edges, dug pits  $18 \times 18 \times 12$  ins.

C. B. 5, 12, N. R. 29 C. G. + S. R. M.

Chains.

in each Pic,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base along-side.

Sand rolling.

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

"Vegetation of Bunch grass and Sagebrush.

Timber of Cedar.

---

North on a true line between sec. 25 and 30.

"Var.  $14^{\circ} 15'$  East,

Over rolling land.

40.00 Bet a Sand Stone  $10 \times 10 \times 8$  ins. 7 ins. in the ground. for  $\frac{1}{4}$  Pic. Cr. marked  $\frac{1}{4}$  on N. face, dug pits,  $18 \times 18 \times 12$  ins. W + S. of stone



C. R. 12. N. R. 29 E. G. 4 S, R. 11.

Chains,

5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base along side.

80.00 Set of Sand Stone 12 x 10 x 8 ins. 8 ins. in the ground for Cor. To Recs. 19, 24, 25 & 30, marked with 4 notches on N. edges, and 2 notches on S. and raised a mound of stone along side. Pits impracticable.

Land rolling.

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

Vegetation of Bunchgrass and Sagebrush.

Timber of Cedar.

North on a trieline between Secs. 19 and 24.  
Var. 14° 00' East.

Overrolling lands.

E. B. J. D. R. 29 E. G. + S. R. M.  
Chains.

40.00 Set a Sand Stone  $14 \times 8 \times 6$  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.

80.00 Set a Sand Stone  $10 \times 8 \times 8$  ins. 7 ins.  
in the ground for Cor. to Secs. 13, 18,  
19 and 24, marked with 3 notches  
on S. and 3 notches on W. edges,  
dug pits  $18 \times 18 \times 12$  ins. in each sec.  
 $5\frac{1}{2}$  ft. dist. and raised a mound  
of earth 2 ft. high,  $4\frac{1}{2}$  ft. base,  
alongside.

Land rolling.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass  
and Sagebrush.

Timber of Cedar.

E. B. J. 12 N. R. 29 E. G. & S. R. M.

Chassis.

North on a true line between Secs. 13<sup>rd</sup> & 18,  
 "true. 14° 05' East.

Over rolling land.

40.00 Set a sand stone 10 x 10 x 7 ins. 7 ins.  
 in the ground, for  $\frac{1}{4}$  Sec. cor.  
 marked  $\frac{1}{4}$  on W. face, dug pits,  
 18 x 18 x 12 ins. N. & 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 along  
 side.

49.65 Cross Wash 10 Mts. wide, course W. W

80.00 Set a sand stone 12 x 9 x 6 ins. 8 ins.  
 in the ground for Cor. to Secs. 7, 12,  
 13 and 18, marked with 4 notches  
 on S. and 2 notches on N. edges.  
 dug pits 18 x 18 x 12 ins. in each Sec.  
 $5\frac{1}{2}$  feet dist. and raised a mound of  
 earth 2 ft. high,  $4\frac{1}{2}$  ft. base along  
 side.

C. B. D. R. & R. 29 E. G. + S. R. W.

Chains.

Land rolling.  
Soil  $D_{ma}$  rate.  
Vegetation of Bunch grass  
and Sage brush.  
Timber of cedar.

---

North on a true line between Sec 7 + 12,  
Var.  $14^{\circ} 10'$  East.

Over rolling land.

- 10.00 Leave rolling land and descend.  
40.00 Set a sand stone  $13 \times 10 \times 6$  ins,  
9 ins. in the ground, for  $\frac{1}{4}$  Rec. Cor.  
marked  $\frac{1}{4}$  on W. face, dug pits,  
 $18 \times 18 \times 12$  ins. at  $\frac{1}{2}$  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 along  
side  
80.00 Set a post 4 ft. long, 4 ins. square,

C. B. T. 12, N. R. 29 E. G. + S. R. 11.

Chimes.

with marked stone, 12 ins. in the ground, for Cor. 10 Secs. 1, 6, 7 and 12, marked,

T. 14 N. S. 6 on N. E.

R. 30 E. S. 7 on S. E.

R. 29 E. S. 12 on S. W. and S. 1 on on N. W. faces, with 5 notches on S. and 1 notch on N. edges; dug pits 18 x 18 x 17 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.

Sand Mountainous,

Soil 2<sup>nd</sup> rate

Vegetation Bunchgrass and Sage brush.

11/20/00

E. B. D., 12 N. R. 29 E. 1/4 & S. R. 11.

Chains.

North on a true line between land C.  
"Var.  $14^{\circ} 10'$  East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam,  
with marked stone, 12 ins. in the  
ground, for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits 18x18x12  
ins. N and S. of post, 5 ft. dist,  
and raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

118.67 Intersect the 3<sup>rd</sup> Standard parall-  
el North, at a point 41.90 chs. West  
which is a stone marked S.E.  $\frac{1}{4}$  S. on N. face  
of the Standard  $\frac{1}{4}$  Sec. Cor. on S. B.  
Sec. 36. T. 13. N. R. 29 E. at which  
point I set a post 4  $\frac{1}{2}$  ft. long, 4  
ins. square, 12 ins. in the ground with  
marked stone for closing cor.  
to 2<sup>nd</sup> Sec. 12 N., R. 29 and 30 E. marked,

C. B. I., 17 N. R., 29 E. S. 1 & 2, N. W. M.

Main.

C. B. I., 17 N. R., 29 E. S. 1 & 2, N. W. M.

R. 30 E. S. 6 on E. and  
R. 29 E. S. 1 on W. faces  
with 6 notches on S. E. & W. faces.  
Aug pits 24 x 18 x 14 ins. Crosswise  
on each line. S. E. & W. of post, 6 ft.  
dist. and raised a mound of  
earth  $2\frac{1}{2}$  ft. high, 5 ft. base around  
post.

Land Mountainous.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass  
and Sagebrush.

carefully examined the adjustments  
of my polar compass to-day, parti-  
cularly the latitude and re-  
versing apparatus and found them  
correct.

June 30, 1882.

B. T. N. R. 30 E. G. & S. R. W.

ins.

From the Cor. to Tpo. 11 & 12 N. R's,  
29 and 30 East, just recently es-  
tablished. I run,

East on a true line between Secs. 6 & 31,  
"true,  $14^{\circ} 13'$  East.

Descend,

Allowing 1.49 chs. for convergence  
and at

- 51 Set a Basaltic Stone  $12 \times 10 \times 10$  ins,  
8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  on N. face, and raised  
a mound of stone alongside,  
Pits impracticable. from which  
A pine 4 ins. diam. bears S.  $52^{\circ}$  E.  
66 lks. dist, marked  $\frac{1}{4}$  S. B. T.  
A pine 6 ins. diam. bears N.  $25^{\circ}$  W.  
47 lks. dist, marked  $\frac{1}{4}$  S. B. T.  
40 Cross loc Sag bears N. W. and S. E.

1. trac



N. B. T. 11 N. R. 30 E. G. & S. R. M.

Chains.

and ascend.

78.51 Set a sand stone 18 x 10 x 3 ins. 17 ins. in the ground for cor. to sec. 5. 6. 31 and 32, marked with 1 notch on W. and 5 notches on E. edges, and raised a mound of stone alongside, pits impracticable from which

A pine 6 ins. diam. bears N. 28° E.  
19 lks. dist. marked

T. 12 N. R. 30 E. S. 32 B. D.

A pine 8 ins. diam. bears S. E.

71 lks. dist. marked

T. 11 N. R. 30 E. S. 5 B. D.

A Cedar 12 ins. diam. bears S. 42° W.

27 lks. dist. marked.

T. 11 N. R. 30 E. S. 6 B. D.

A pine 8 ins. diam. bears N. 16° W.

N. B. T. 11 N. R. 30. E. G. & S. R. M.  
Chains.

14 Ks. dist. marked

7.12 N. R. 30 E. S. 31 B. T.

Land Mountainous.

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

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

---

East on a true line between sections 5 & 32,  
Var.  $14^{\circ} 10'$  East.

Ascend.

14.00 Top of Ridge, bears N.  $40^{\circ}$  W. and S.  $40^{\circ}$  E  
and descend.

Clear timber, bears N. and S.

40.00 Set a post 3 ft. long, 3 ins. diam. with  
marked stone, 12 ins. in the ground,  
for 1/4 Sec. Cor. marked 1/4 B. on  
N. face, dug pits 18 x 18 x 12 ins.

N. B. J. 11 N. R. 30 E. M. + S. R. M.

Chains.

- 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.
- 50.00 Cross Mark, 50 lks. wide, Course N.  $30^{\circ}$  W. and ascend.
- 70.00 Top of Ridge, bears N.  $10^{\circ}$  W and S.  $10^{\circ}$  E, and descend.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 4, 5, 32 and 33, marked
- .7.12. N. S. 33 on N. E.
- R. 30 E. S. 4 on S. E.
- J. 11 N. S. 5 on S. W. and S. 32 on N. W. faces. with 7 notches on W. and 4 notches on E. edges. Aug pits  $18 \times 18 \times 17$  inches, in each Sec.  $5\frac{1}{2}$  ft. dist.

N. B. F. N. R. 30 E. G. & S. R. M.

Thains.

and raised a mound of earth  
2 ft. high, 4 1/2 ft. base around post.

Sand mountainous.

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

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

East, on a true line between sections 4 & 33  
"N. 14° 10' East.

Resound.

9.00 Enter timber, bear N. and S.

26.50 Leave timber, bear N. and S.

34.50 Cross low pass, bear N. & S. and ascend.

40.00 Get a Linnæus Stone 10 x 8 x 8 ins. 7/16 in.

in the ground for 1/4 Sec. Cor. marked  
1/4 on N. face, dug pits 18 x 18 x 12 ins.

E and W. of stone, 5 1/2 ft. dist. and

N. B. T. 11 N. R. 30 E. G. + S. R. M.

Chains.

raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base alongside.

47.00 Top of spur, bears N. and S. and descends.

80.00 Set a Basaltic Stone  $14 \times 11 \times 10$  ins. 9 ins. in the ground for Cor. to Sec. 3, 4, 33 and 34, marked with 3 notches on W. and 3 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base alongside.

Land rolling.

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

Vegetation of Pan grass.

Timber of Pine and Cedar.

N. B. T. 11 N. R. 30 E. G. & S. R. M.

Chains.

East on a true line between  
Secs. 3 and 34.

$\frac{1}{4}$  in.  $130^{\circ} 55'$  East.

Descend.

6.55 Cross Wash 12 Ws. wide Course N.  
and ascend.

10.00 Entire scattering timber, bears  
N. W. and S. E. on top of spur,  
bears N. and S. and Puta Basaltic  
stone  $12 \times 10 \times 8$  ins. 8 ins. in the  
ground, for  $\frac{1}{4}$  sec. Cor. marked  
 $\frac{1}{4}$  on N. face, dug pits  $18 \times 18 \times 12$  ins.  
E. and W. 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,  
and descend.

2.40 Cross low bag, bears  $N. 80^{\circ} W.$  and S.  
 $80^{\circ} E.$  and ascend.

N. B. P. 11 N. R. 30 E. G. + S. R. 16.

Chains.

80.00 Set a post 4 ft. long, 4 ins. square,  
with marked stone 12 ins. in  
the ground for cor. to sec. 2, 3,  
34 and 35, marked

T. 12 N. S. 35 on N. E.

R. 30 E. S. 2 on S. E

T. 11. N. S. 3 on S. W. and

S. 34, on N. W. faces,

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

Land rolling,

Soil 2<sup>nd</sup> rate.

Vegetation Bunchgrass,

Timber of Pine and Cedar.

N. B. T. 11. N. R 30 E. G. + S. R. 16.

Chains.

East on a true line between sections  
2 and 35.

Var.  $13^{\circ}50'$  East.

Ascend.

19.00 Top of ridge, bears N. and S. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam, with  
marked stone 12 ins. in the  
ground, for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on 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.

45.94 Cross low Dag, bears N. W. and S. E.  
and ascend.

80.00 Set a Basaltic Stone 10 x 8 x 7 ins.  
7 ins. in the ground for Cor to Secs.  
1, 2, 35 and 36, marked with 5  
notches on W. and 1 notch on E.

11. trace



N. B. 2, 11 A. R. 30 E. G. + S. R. M.

Chains.

edges, dug pits  $18 \times 18 \times 12$  ins, in each Sec,  $5\frac{1}{2}$  ft. dist, and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base alongside.

Land rolling.

Soil 2<sup>nd</sup> rate.

Vegetation Bunchgrass.

Timber of Pine and Cedar.

East, on a true line between Sections 1 and 36.

Var.  $14^{\circ} 00'$  East.

Ascend.

23.00 Leave timber, bears N. and S.

30.00 Top of Ridge, bears N. and S. and descend.

40.00 Hit a Basaltic Stone  $10 \times 8 \times 8$  ins.

N. B. T. 11 N. R. 30 E. G. S. R. M.

Chains.

4 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked 4 on N. face, dug pits  
18 x 18 x 12 ins. E. and W. 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.

20.00 Set a Basalt stone 12 x 10 x 9 ins,  
8 ins. in the ground, for Cor. to Tps.  
11 and 12 N. R's 30 and 31 E.,  
marked with 6 notches on each  
edge, dug pits, 24 x 18 x 12 ins,  
crosswise on each line N.  
S. E. and W. of stone, 6 ft. dist,  
and raised a mound of earth  
 $2\frac{1}{2}$  ft. high, 5 ft. base alongside.  
Land rolling.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass.

N. B. T. 11 N. R. 30 E. G. & S. R. M.  
Chains,

Timber of Pine and Cedar.

N. B. 5, 11, N. B. 31 E. S. & S. P. 11.

Mains.

East on a true line between Section  
land 31, between Tps. 11 and 12 N. B.  
31 E.

"Var.  $13^{\circ} 4'$  East.

Descends.

38.54 Cross low bog, bears N. W. and S. E.,  
and ascend.

40.00 Set a Basalt stone  $16 \times 12 \times 10$  ins.  
11 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor.  
marked  $\frac{1}{4}$  on N. face, dug pit,  
 $18 \times 18 \times 12$  ins. E and W 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.

41.50 Top of Ridge, bears N. W. and S. E. and  
descend.

50.00 Set a Basalt stone  $16 \times 14 \times 9$  ins.  
11 ins. in the ground for Cor. to Sec.

N. B. 5, 11, N. P. 31 E. G. + S. P. M.,  
Chains,

5, 6, 31 and 32, marked with 1  
notch on W, and 5 notches on  
E edges, dug pits 18 x 18 x 12 ins.  
in each sec., 5 1/2 ft. dist, and  
raised a mound of earth 2 ft. high,  
4 1/2 ft. base alongside,  
land rolling,  
Soil 2<sup>nd</sup> rate.  
Vegetation of Bunch grass,

East, on a true line between sections  
5 and 32.

Var, 13° 50' East,

Descend,

20.00 Cross Gully 8 Ws. wide, course  
N. 70° W and ascend,

40.00 Set a Basalt stone 12 x 10 x 10

N. B. T. 11 N. B. 31 E. G. & S. R. M.

Chains.

ins. 8 ins. in the ground for  $\frac{1}{4}$  Sec.  
 Cot. marked  $\frac{1}{4}$  on N. face, dug  
 pits  $18 \times 18 \times 12$  ins. Sand & Hoystone,  
 $5\frac{1}{2}$  ft. dist, and raised a mound of  
 earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base, along-  
 side.

52.50 Top of Ridge, bears N and S. and descends.

50.00 Set a Basalt Stone  $13 \times 9 \times 5$  ins.  
 9 ins. in the ground for Cot. to Secs.  
 4, 5, 32 and 33, marked with  
 2 notches on W. and 4 notches  
 on E. edges, dug pits  $18 \times 18 \times 12$  ins.  
 in each Sec.  $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth 2 ft. high  $4\frac{1}{2}$  ft.  
 base, alongside.

Land mountainous.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass.

N. B. T. 11 N. R. 31 E. G. + S. R. M.

Chains,

East on a true line between  
sections 4 and 33.

Var.  $13^{\circ} 50'$  East,

Descend,

4.50 Cross low sag, bears N and S, and  
ascend,

40.00 Set a Basalt stone  $12 \times 12 \times 9$  ins,  
8 ins. in the ground for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on N. face,  
dig pits,  $18 \times 18 \times 12$  ins. E and W,  
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,

70.50 Top of ridge bears N.  $60^{\circ}$  E. and  
S.  $60^{\circ}$  W. and descend,

80.00 Set a Lava stone  $14 \times 12 \times 11$  ins. 9 ins.  
in the ground for Cor. to Secs.  
34, 33 and 34 marked with

N. B. P. 11 N. A. 31 C. G. & S. P. M.

Chains,

3 notches on W. and 3 notches on  
E. edges, dug pits  $18 \times 18 \times 14$  ins.  
in each one,  $5\frac{1}{2}$  ft. dist, and raised  
a mound of earth 2 ft. high,  $4\frac{1}{2}$   
ft. base alongside.

Land mountainous.

Soil 2<sup>nd</sup>. rate.

"Vegetation of Punchgrass.

Cast a true line between sections  
3 and 34.

"W.  $13^{\circ} 55'$  East.

Descend abruptly.

40.00 Set a Basalt Stone  $18 \times 16 \times 5$  ins.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor.  
marked 74 on N. face, and  
raised a mound of stone

S. H. Tracy



N.B. J., 11 N. R. 31 E. S. 4 + S. R. M.

Chains.

alongside. Pits impracticable.

53.70 Cross Wash, 6 lks. wide. Course  
N. 30° E and ascend.

67.37 Intersect Boundary line between  
Arizona and New Mexico at a  
point which bears 36.20 chs. South  
from the 180<sup>th</sup> Mile post, and  
Set a Basalt stone 16 x 8 x 8 ins,  
11 ins, in the ground for closing  
Cor. to Tpo. 11 and 12 N. R. 31 E. marked,  
to C. R. 31 E. on W.

J. 12 N. S. 34 on N, and  
J. 11 N. S. 3 on S. faces,  
with 6 notches on N. S. & W. <sup>side</sup> dug  
pits 24 x 18 x 12 ins, crosswise  
on each line, N. S. & W. of stone  
6 ft. dist, and raised a mound  
of earth 2 1/2 ft. high 5 feet

N. B. P. 11 N. R. E. G. & S. R. M.  
Chains.

base alongside.

Land mountainous.

Soil 3rd rate.

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

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

July 1, 1852.

N. B. J. 11 N. B. 31 E. G. S. P. M.  
Chains.

E. B. J. 12 N. R. 30 E. S. 7 S. R. 11 W.

Chains.

From the Cor. to Tps. 11 & 12 N. R. 30 and 31 E. just recently established  
Drun -

North on a true line between sections  
31 and 36.

Var.  $13^{\circ} 47'$  East.

Ascend,

38.60 Top of Ridge, bears  $N. 55^{\circ} W.$  and  $S. 55^{\circ} E.$  and descend

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

74.80 Cross low Sag and ascend.

80.00 Set a Basalt Stone  $16 \times 14 \times 13$  ins.

C. B. J. 12 N. R. 30 E. G. + S. R. M.

Chairs.

11 ins. in the ground for Cor. to Dec.  
25, 30, 31 and 36, marked with  
1 notch on S. and 5 notches  
on N. edges, and raised a  
mound of stone alongside.  
Pits impracticable.

Land mountainous.

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass.

North on a true line between  
Sections 25 and 30.

Wa.  $14^{\circ} 00'$  East.

Ascend.

32.50 Top of Ridge bears N. W. and S. E.  
and descend.

40.00 Set a sand stone  $12 \times 11 \times 9$  ins.

E. B. J. 12 N. R. 30 E. G. & S. R. M.

Chains.

8 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  on N. face, dug  
pits 18 x 18 x 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,  $3\frac{1}{2}$  feet base  
alongside.

4.70 Cross Gulch, 30 Mts. wide, Course  
S. E. and ascend.

10.00 Set a Basalt Stone 18 x 14 x 12  
ins. 12 ins. in the ground for  
Cor. to Secs. 19, 24, 25 and 30,  
marked with 2 notches on S.  
and 4 notches on N. edges, dug  
pits 18 x 18 x 12 ins. in each Sec.  
 $5\frac{1}{2}$  ft. dist, and raised a mound  
of earth 2 ft. high,  $4\frac{1}{2}$  ft. base,  
alongside.

E. B. S. 12 N. R. 30 E. G. + S. R. M.

Chains.

Sand rolling.

Soil 2<sup>nd</sup> rate.

"Vegetation of Bunchgrass.

North on a true line between  
Bees. 19 and 24.

"Var.  $14^{\circ}$  00' East.

Ascend.

21.50 Top of Ridge bears N. W.  
and S. E. and descend.

40.00 Set a Basalt Stone 16 x 10 x  
10 ins. 11 ins. in the ground,  
for 24 Bee. Cor. marked  
24 on N. face, and raised  
a mound of stone along-  
side, pits impracticable.

69.40 Cross Gulch 7/8s. wide,

C. B. J. 12 N. R. 30 E. G. 4 S. R. 16.

Chains.

Course S. W. and ascend.

70.00 Enter timber bears E and W.

80.00 Set a Basalt stone 13 x 11 x 9 ins. 9 ins. in the ground for Cor. to Secs. 13, 18, 19 and 24, marked with 3 notches on S. and 3 notches on N. edges, and raised a mound of stone alongside. Pits impracticable.

Land mountainous.

Soil 2<sup>nd</sup> rate.

Timber of Pine and Cedar,  
Vegetation of Bunchgrass.

---



E. B. T. 12 N. R. 30 E. 4, + S. R. 16.  
Chains.

Work on a true line between  
Sections 13 and 18.

"var, 14° 00' East,

Ascend,

5.90 Top of Ridge, bears N. W.,  
and S. E. and descend.

40.00 Set a Basalt Stone 14 x  
13 x 11 ins. 9 ins. in the  
ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  on W. face,  
dug pits 18 x 18 x 12 ins.  
N. and S. of Stone 5  $\frac{1}{2}$  feet  
dist. and raised a mound  
of earth 1  $\frac{1}{2}$  ft. high. 3  $\frac{1}{2}$  ft.  
base alongside.

49.00 Cross, Gulch 10 lks. wide,  
Course S. E. and ascend.

69.00 Leave timber, bears N. W. and S. E.

C. B. T. N. R. 30 C. G. + S. R. M.

Chains.

10.00 Set a Basalt stone  $14 \times 6$   
 $\times 6$  ins. 9 ins. in the ground  
 for Cor. to Secs. 7, 12, 13  
 and 18, marked with 4  
 notches on S, and 2 notches  
 on N. edges. Dug pits  $18 \times 18$   
 $\times 12$  ins. in each Sec.  $5\frac{1}{2}$  ft.  
 dist. and raised a mound  
 of earth 2 ft. high,  $4\frac{1}{2}$  feet  
 base, alongside.

Land mountainous.

Soil 2<sup>nd</sup> rate.

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

---

C. B. J. 12 N. R., 30 E. G. & S. R. M.,

Chains.

North on a true line between  
sections 7 and 12.

Var.  $130^{\circ} 55'$  East,

Ascend,

40.00 Set a Basalt Stone  $14 \times 11 \times 9$  ins. in the ground for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on W. face, dug pits,  $18 \times 18 \times 12$  ins. N. and S. of stone  $5\frac{1}{2}$  feet dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  feet base, — alongside.

80.00 Set a Basalt Stone  $14 \times 11 \times 9$  ins. in the ground, for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on N.,

C. B. J. 12 N. R. 30 E. G. & S. R. M.

Chains,

edges, and raised a mound  
of stone alongside, Pits  
impracticable.

Land rolling,

Soil 2<sup>nd</sup> rate.

Vegetation of Bunchgrass,

Timber of Pine and Cedar.

---

E. B. S. 12 Y. R. 30 E. G. & S. R. M.

Chains

North on a true line between Sections 1 and 6

$\text{Va } 13^{\circ} 50'$  East

Ascend

11.00 Top of Mesa, bears E and N, and descend.

40.00 Set a Basalt Stone  $40 \times 40 \times 40$  ins., 30 ins in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone alongside. Pitts impracticable.

59.10 Foot of Mesa, bears E. and N, and enter valley.

121.90 Intersect the 3rd Standard Cassell North at a point 7.45 chs.

West of the Standard  $\frac{1}{4}$  Sec.

Cor. of Sec 36 on S. E.  $\text{S. } 13^{\circ} 9'$  which is a  $\frac{1}{4}$  Sec. stone set firmly in the ground, marked R. 30 E., (at which point I

set a Sand Stone  $24 \times 18 \times 3$

C. H. H. on N. face

E. B. Sp. 12 N. R. 30 E. G. + S. R. C.

in. 18 ins. in the ground for  
closing loc. to Sp. 12 N., R. 30  
E and 31 E., marked S. C.  
with 6 notches on S. E and N.  
edges, and raised a mound  
of stone, alongside. Pits im-  
-practicable

Land Mountainous

Soil 3d Rate

Vegetation of Bunchgrass

I carefully examined the ad-  
-justments of my solar com-  
-pass to-day, particularly the  
latitude and reversing  
apparatus, and found  
them correct

July 3d 1882

BOOK 1256

82

E. B. T. 13 N. R. 29 E. G. & S. R. 29

Chains

Before proceeding with the  
 4. Triers of <sup>the</sup> Sp. I made a change  
 of five minutes in the lati-  
 -tude arc of my solar com-  
 -pass 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 Standard Co. 30  
 Tps. 13 N. R. 29 <sup>Just established</sup> & 30 E.  
 run North on a true line  
 between sections 31 and 36  
 On  $14^{\circ} 11'$  East

Ascend.

57-50 Top of Ridge, bears N.  $60^{\circ}$  E  
 and  $60^{\circ}$  N. and descend.



E. B. T. 13. N. R. 29 E. G. & S. R. M.

22.00 Cross low dug, bears E and N.  
and ascend.

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

47.50 Top of Ridge, bears N.  $50^{\circ}$  E.  
and S.  $50^{\circ}$  N. and descend.

80.00 Set a post 4 ft. long, 4 ins  
square, with marked stone  
12 ins in the ground, for  
loc. to Secs 25, 30, 31 and 36,  
marked:

T. 13 N. 30 on N. E

R. 30 E., S. 31 on S. E.

E. B. T. 13. N. R. 29 E. G. & S. R.

Chains

R. 29 E. S. 36 on <sup>S.</sup>N. and  
S. 25 on N. N. faces with  
1 notch on S. and 5 notches  
on N. edges; dug pits, 18x18x12  
ins. in each Sec., 5 1/2 ft. diam  
and raised a mound of  
earth 2 ft. high 4 1/2 ft base  
around post

Land Mountainous  
Soil 3rd rate

Timber of Cedar

Vegetation of Bunchgrass

North on a true line be-  
tween sections 25 and 30  
Bar. 14° 05' East

E. B. T. 13 N. R. 29 E. G. & S. R. M.

Chains

Descend

40.00 Set a post 3 ft. <sup>long</sup> 3 ins. diam. with marked stone, 12 ins in the ground for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face; dig pits 18x18x12 ins. N and S of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft high,  $3\frac{1}{2}$  ft base around post

72.20 Coroso Wash, 40 lks. wide, Course, N. E. and ascend.

80.00 Set a post 4 ft long, 4 ins. square with marked stone 12 ins in the ground for Cor. to Secs. 19, 24, 25 and 30. Marked:  
 T. 13 N. S. 19 on N. E.,  
 R. 30 E., S. 30 on S. E.,  
 R. 29 E. S. 25 on S. N. and  
 S. 24 on N. N. faces.

E. B. @ 13 N. R. 29 E. G. & S. R. 1/2

Chains

with 2 notches on S. and 4  
notches on N. Edges; dug pits  
18x18x12 ins. in each dir., 5 1/2  
ft dist, and raised a mound  
of earth 2 ft. high, 4 1/2 ft base  
around post

Land rolling

Soil 3rd rate

Vegetation Bunch grass  
Siberian cedar

North on a true line between  
Sections 19 and 24

Var. 14° 10' East

Ascend

9.50 Cross Road to Albuquerque,  
bars 2 and N.

E. B. S. 13 N. R. 29 E. G. & S. R. M.

Chains

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

60.00 Lease Timber, bears E and N.

80.00 Set a post 2 ft long, 4 ins. square, with marked stone, 12 ins in the ground, for Cor. to Secs 13, 18, 19 and 24, Marked:

S. 13 N. S. 18, on N. E.,

R. 30 E., S. 19 on S. E.,

R. 29 E. S. 24 on S. W. and

S. 13 on N. W. faces, with

E. B. & L. 13 N. R. 29 E. G. & S. R. 1

Chains

3 notches on S. and 3 notches  
on N. Edges; dug pits, 18x18x12  
ins. in each sec., 5 1/2 ft dist.,  
and raised a mound of  
earth 2 ft high, 4 1/2 ft base  
around post.

Land Mountainous  
Soil, 3<sup>d</sup> Rate

Timber, Cedar

Vegetation, Bunchgrass

Work on a true line between  
sections 13 and 18

Var 14° 05' East

Descend

40.00

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

E. B. & J. 13 N. R. 29 E. G. & S. R. M.

Chains

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

80.00 Set a post 4 ft long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs 7, 12, 13 and 18, marked: Q. 13  $\frac{1}{4}$  S 7 on N. E., R. 30 E., S. 18 on S. E., R. 29 E. S. 13 on S. N. and S. 12 on N. N. faces, with 4 notches on S and 2 notches on N. Edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2

E. G. T. 13 N. R 29 E. G. S. R.

Chains

ft high,  $4\frac{1}{2}$  ft base around post  
 Land rolling  
 Soil 2nd rate  
 Vegetation, Bunchgrass

---

North on a true line between  
 sections 7 and 12

Bear  $14^{\circ} 10'$  East

Descend

13.00 Cross Roads bears N. E and S. W.

40.00 Set a post 3 ft long, 3 ins  
 diam with marked stone  
 12 ins in the ground, for  $\frac{1}{4}$   
 sec. cor., marked  $\frac{1}{4}$  S. on N.  
 face; dug pit 18 x 18 x 12 ins  
 N and S. of post  $5\frac{1}{2}$  dist.,  
 and raised a mound of



E. B. T. 13 N. R. 29 E. G. 4 S. R. N.

earth  $1\frac{1}{2}$  ft high,  $3\frac{1}{2}$  ft. base  
around post

81.00 Set a post 4 ft long, 4 ins  
 XX square, with marked stone  
 12 ins in the ground for com.  
 to Sec 1, 6, 7 and 12, marked:  
 T. 13 N. S. 6, on N. E.,  
 R. 30 E. S. 7 on S. E.,  
 R. 29 E. S. 12 on S. N. and  
 S 1 on N. N. faces, and  
 with 5 notches on S. and 1  
 notch on N. edges; dug pits  
 18x18x12 ins. in each Sec.  
 $5\frac{1}{2}$  ft dist. and raised a  
 mound of earth 2 ft high,  
 $4\frac{1}{2}$  ft base around post.  
 Land rolling  
 Soil 2nd Rate  
 Vegetation, Bunchgrass

E. B. @. 137. R. 29 E. G. & C. R. M.

Chains

Work on a true line between  
Sections 1 and 6

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

Descend

40.00 Set a Volcanic Stone  $10 \times 10 \times 8$  ins., 7 ins in the ground for  $\frac{1}{4}$  Sec Cor., marked  $\frac{1}{4}$  on N. face; dug pits  $18 \times 18 \times 12$  ins., N. and S. of Stone 5 ft dist., and raised ~~them~~ of earth -  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft wide base alongside.

68.20 Cross Road, bears E and W and Enter Valley.

69.30 Cross la avenida Carrizosa, 10 links wide, Corner Post

80.00 Set a post,  $4\frac{1}{2}$  ft long, 4 ins. square with marked Stone, 12 ins in the ground

E. B. C. 13 N. R. 29 E. G. + S. R. M.

Chains

for loc 5 @ Apr 13 and 14 N. R. 29 and 30 E, marked:  
 T 14 N. S., 31 on N. E.,  
 R. 30 E. S. 6 on S. E.,  
 T 13 N. S. 1, on S. W. and  
 R. 29 E. S. 36 on N. W. faces,  
 with 6 notches on each edge;  
 dug pits 24 x 18 x 12 ins  
 crosswise on each line N.  
 S. E. and W. of post, 6 ft  
 dist. and raised a mound  
 of earth 2 1/2 ft high, 5 ft  
 base around post  
 Land rolling  
 Soil 2nd rate  
 Vegetation, Bunch grass  
 July 27<sup>th</sup> 1882

96

BOOK 1256

3/6

7

N. B. L. 13 N. R. 29 E. G. & S. R. M.

Chains

Before proceeding with the ex-  
-tensions of this Sp I made a  
change of 5 minutes in the  
latitude arc of my solar com-  
-pass by adding same to the  
reading previously given, and  
at noon verified and cor-  
-rected same by observation  
on the sun. I also further  
tested instrument by re-  
-versing

I took the latitude and found  
it to be  $34^{\circ} 31' N$

From this Cor to Sp 13 & 14 N  
R's 29 & 30 E <sup>run West on</sup>  
a random line on N. B. of  
Sp. 13 N, R. 29 E.

Var.  $14^{\circ} 15'$  East

N. B. T. 13 N. R. 29 E. S. 4 S. R. M.

Chains

I set a temporary corner at every  
 half mile, and at 6 miles  
 3.21 chains I arrive at a joint  
 270 lks South of Cor to Tps 13  
 and 14 N. R. 28 and 29 E.  
 which is a post in earth  
 mound with pits established  
 as per instructions of the old  
 Manual from which corner  
 I run S.  $89^{\circ} 41' E.$  on a true  
 line between sections 6 & 31.  
 Var.  $14^{\circ} 20' East$

Ascend

- 2.00 Top of Ridge, bears N and S.  
 and descend.
- 27.00 Across low sag, bears N and  
 S. and ascend.
- 36.40 Top of Ridge, bears N and S.

N. B. G. 13 N. R. 29 E. G. & S. R. M.

Chiens

and descends

73.21 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face; dug pits, 18x18x12 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.

83.21 Set a post 4 ft. long, 4 ins. <sup>marked stone,</sup> square, 12 ins in the ground, for Cor. to Secs 5, 6, 31 and 32, marked: T. 14 N. S. 32, on N. E.,

R 29 E., S. 5 on S. E.

T 13 N. S 6 on S. W. and S 31 on N. N. faces, with

N. B. & 13 N. R. 29. E. G. & S. R. M.

Chains

1 notch on N and 5 notches  
on E. edges; dug pits, 18x18x12  
ins in each sec., 5 1/2 ft. dist.,  
and raised a mound of  
earth 2 ft high, 4 1/2 ft base  
around foot.

Land mountainous

Soil 2<sup>nd</sup> rate

Vegetation, Bunch grass  
Timber, border.

S. 89° 41' East - on a true line  
between sections 5 and 32  
Cor. 14° 25' East

Descend.

12.80 across wash 70 ft wide.



N. B. T. 13, N. R. 29, E. G. & S. R. M.

Chains

- 40.00 Course N.  $20^{\circ}$  East and ascend  
 Set a post 3 ft long, 3 ins.  
 diam with marked stone,  
 12 ins in the ground, for  $\frac{1}{4}$   
 Sec. Cor., marked  $\frac{1}{4}$  S. on N.  
 face; dug pits,  $18 \times 18 \times 12$  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.
- 60.00 Top of Ridge bears N. and S.  
 and descend
- 80.00 Set a post 4 ft long, 4 ins.  
 square with marked stone  
 12 ins in the ground, for  
 Cor. to Sec 4, 5, 32 and 33,  
 Marked:  
 S. 14 N. S. 33 on N. E.,

N. B. S. 13 N. R. 29 E. G. 4 S. R. M.

Chains

R. 29 E., S. 4 on S. E.,  
 @ 13 N. S. 5 on S. N. and  
 S. 32 on N. N. faces, with 2 notches  
 on N. and 4 notches on E. edges,  
 dug pits, 18 x 18 x 12 ins in each  
 Sec. 5 1/2 ft. dist. and raised  
 a mound of earth 2 ft  
 high, 4 1/2 ft base around  
 post

Land mountainous

Soil 2nd rate

Timber, cedar

Vegetation, Bunchgrass.

---

S. 89° 41' E. on a true line  
 between sections 4 and 33

N. B. & 13 N. R 29, E. G. & S. R. M.

Chains

Var 140 25' East

Descend

29.90 Cross Gulch, 10 lks wide,  
Course N. and ascend

40.55 Set a volcanic stone 14x10  
x 10 ins 9 ins in the ground,  
for 1/4 Sec. Cor., marked 1/4  
on N face; dug pits 18x18x12  
ins E and W of stone 5 1/2  
ft dist, and raised a mound  
of earth 1 1/2 ft high, 3 1/4 ft base  
along side

This is mile bet. 3004 road to Topog. 5 hours on flat.

48.00 Top of Ridge, bears N and S.  
and descend

80.00 Set a flint stone 12x8x8 ins,  
8 ins, in the ground for Cor.  
to Secs 2, 3, 34 and 35, marked  
with notches on W and 2 notches

for 2 1/4  
mi

195  
103

1256

R. M.

This is made best 5434 made by J. G. ...

BOOK 1256

There is some confusion in the field notes of the north boundary of T. 13 N., R. 29 E. as of record; at the end of the mile between Secs. 4 and 33 the notes read, "Set a flint stone 12x8x8 ins., 8 ins. in the ground for cor. to Secs. 2, 3, 34 and 35" etc., and there follows a record of the mile between Secs. 3 and 34 which is identical with the record of the line between Secs. 4 and 33. In the notes of subdivision of T. 13 N., R. 29 E., at the north end of the mile between Secs. 3 and 4, the corner of Secs. 3, 4, 33 and 34 is described as a post, etc., which description has been incorporated in the field notes furnished you herewith. On the plats of Ts. 13 and 14 N., R. 29 E., on the line between Secs. 3 and 34, a gulch is shown at a distance corresponding to 29.90 chains, and the top of a ridge at 48 chains. It seems reasonable therefore to assume that the record of the line between Secs. 4 and 33 is in error.

May 11, 1944

Very truly yours,

Miss  
Cor.  
Mid  
lee

102A

M. B. ©

lions

29.90

0.05

5.00

10.00

BOOK 1256

N. B. S. 13, N. R. 29, E. G. &amp; S. R. M.

Chains

on E. edges; dug pits 8x15x12  
ins in each Sec, 5 1/2 ft  
diam, and raised a mound  
of earth 2 ft high 4 1/2 ft base.

Alongside

Land rolling

Soil 2nd rate

Vegetation, Bunchgrass.

→ Her comes 1 mile pasted in

Pages 104 a & 104 B.

S. 890 41' East on a true line  
between sections 2 and 35

Var. 14° 15' East

Descend

24.40 Cross road, bears N 75° W.  
and S. 75° E

25.00 Enter Valley, bears N 30° W.

N. B. P. 13 N. R 29 E. G. S. R. M.

BOOK 1256

chains

S.  $89^{\circ}41'$  E. on a true line  
bet. sees. 34 & 35.

Var.  $14^{\circ}20'$  E!

Descend

29.90 Cross gulch, 10 lbs wide course N.  
and ascend

40.00 Set a Volcanic stone  $14 \times 10 \times 10$  ins.  
9 ins. in the ground, for  $\frac{1}{4}$  sec.

Cor. marked  $\frac{1}{4}$  on N. face, dug  
pits  $18 \times 18 \times 12$  ins. E. W. 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.

48.00 Top of Ridge br N & S. and descend

80.00 Set a Flint stone  $12 \times 8 \times 8$  ins. 8  
ins. in the ground, for cor. to sees.  
2, 3, 34 & 35. marked with  
4 notches on W. and 2 notches

H. B. T. 13 h. R. 29 E. G. S. R. M.

Chains

on E. edges, dug pits  $18 \times 18 \times 12$   
 ins. in each Sec.  $5\frac{1}{2}$  ft. dist.  
 and raised a mound of  
 earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 alongside,  
 hand rolling  
 Soil 2 d out  
 Vegetation of Bunchgrass.

---

N. B. S. 13, N. R. 29, E. G. & S. R. M.

Chains

- and S.  $30^{\circ}$  East-
- 39.00 Leave Vally, bears N and S.  
and ascend
- 40.00 Set a Flint Stone  $10 \times 7 \times 6$  ins  
7 ins. in the ground, for  $\frac{1}{4}$   
Sec. Cor., marked  $\frac{1}{4}$  on N.  
face; dug pit  $18 \times 18 \times 12$  ins.,  
E and W. of Stone  $5\frac{1}{2}$  ft dish,  
and raised a mound of  
earth  $1\frac{1}{2}$  ft high,  $3\frac{1}{2}$  ft  
base, along side.
- 58.00 Top of Ridge, bears N and S.  
75.50 Enter vally, bears N and S and  
Cross Cañada Carrizzo, 20  
links wide, Course N. W.
- 80.00 Set a Flint Stone  $10 \times 8 \times 8$   
ins, 7 ins in the ground for  
Cor to Secs 1, 2, 35 and 36,  
marked with 5 notches on



N. B. & N. R. 29 E. G. & S. R. M.

Chains

M. and 1 notch on east edge,  
dug pits  $18 \times 18 \times 12$  ins in  
each Sec  $5\frac{1}{2}$  ft dist., and  
raised a mound of earth  
2 ft high  $4\frac{1}{2}$  ft base, along-  
side

Land level  
Soil rate

Vegetation, Bunchgrass.

S.  $89^{\circ} 41'$  East on a true line  
between sections 1 and 36  
Bear.  $14^{\circ} 10'$  East

Over level land

34.85 Cañada Carrizozo, 20 lks  
wide, Course S. W.

N. B. T 13 N. R. 29 E. G. & S. R. M.

Chains

- 36.40 Cañada Carrizgo, 20 lks wide,  
Course N 30° W
- 40.00 Set a Porphyry Stone 9x9x8 ins.  
6 ins in the ground, for  $\frac{1}{4}$  Sec.  
Cor. marked 44 on N. face; dug  
pits, 18x18x12 ins., E. and W. 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
- 80.00 The Cor to Tps 13 and 14 N. R. 29  
and 30 E.  
Land level  
Soil 1st rate  
Vegetation, Bunchgrass.  
July 5<sup>th</sup> 1882



E. B. S. 14 N. R. 29 E. G. & S. R. M.

Chains

From the Cor just now es-  
-tablished I run North on  
a true line between sections  
31 and 36.

Var.  $14^{\circ} 15'$  East

Ascend

40.00

Set a post 3 ft long, 3 ins  
diam with marked stone,  
12 ins in the ground, for  $\frac{1}{4}$   
Sec. Cor, marked  $\frac{1}{4}$  S on N.  
face; dug pits  $18 \times 18 \times 12$  ins, N.  
and S. of post  $5\frac{1}{2}$  ft dist.,  
and raised a mound of  
earth  $7\frac{1}{2}$  ft high,  $3\frac{1}{2}$  ft base  
around post

80.00

Set a post 4 ft long, 4 ins.  
square with marked stone,  
12 ins in the ground, for Cor.

C. B. L. 14. N. R. 29 E. G. A. S. R. M.

To Secs 25, 30, 31 + 36, marked  
 S 14 N. S 30 on N. E.,  
 R. 30 E., S. 31 on S. E.,  
 R. 29 E. S. 36 on S. W. and  
 S. 25 on N. W. faces. with  
 1 notch on S. and 5 notches  
 on N. edges; dug pits, 18 x 18 x 12  
 ins. in each sec., 5 1/2 ft diam.,  
 and raised a mound of earth  
 2 ft high, 4 1/2 ft base around  
 post-

Land rolling  
 Soil 2nd rate  
 Vegetation, Bunchgrass  
 Timber, Cedar

E. B. Y. 14 N. R. 29 E. G & S. R. M.

North on a true line be-  
tween sections 25 and 30  
Bear.  $14^{\circ}15'$  East.  
Ascend.

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

80.00 Set a post 4 ft long, 4  
ins square with marked  
stone, 12 ins. in the ground,  
for Cor to Secs 19, 24, 25 & 30,  
marked;

E. B. S. 14 N. R. 29 E. G. & S. R. M.

Chain

T 14 N. S. 19, on N. E.,  
 R. 30 E., S. 30 on S. E.,  
 R. 29 E. S. 25 on S. W. and  
 S. 24 on N. W. faces, with  
 2 notches on S. and 4 notches  
 on North edges; dug pits,  
 18 x 18 x 12 ins in each S. E.,  
 5 1/2 ft. dia., and raised a  
 mound of earth 2 ft. high,  
 4 1/2 ft. base around foot.  
 Land rolling  
 Soil 2nd rate  
 Vegetation, Bunchgrass.  
 Timber, cedar

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North on a true line between

E. B. S. 14. N. R. 29 E. G. S. R. M.

Chains

Sections 19 and 24

Cor.  $14^{\circ} 15'$  East

Ascend.

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

80.00 Set a post 4 ft long, 4 ins. square with marked stone, 12 ins in the ground, for Cor. to Secs 13, 18, 19 and 24. Marked:  
S 14 N. S. 18, on N. E.,



E. B. L. 14, N. R. 29, E. G. & S. R. M.

Chains

R. 30 E., S. 19 on S. E.,  
 R. 29 E. S. 24 on S. W. and  
 S. 13 on N. W. faces, with  
 3 notches on S. and 3  
 notches on N. ridges; 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 foot  
 Land rolling.  
 Soil 2nd rate.  
 Vegetation, Bunchgrass.  
 Timber, Cedar.

---

North on a true line be-  
 tween sections 13 and 18

E. B. & J. 14, N. R. 29, E. G. & S. R. M.

Chains

Var  $14^{\circ} 30'$  East

Ascend

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

50.00 Top of Ridge, bears E. and N. and descends.

80.00 Set a post 4 ft long, 4 ins. square with marked stone, 12 ins in the ground, for Cor. to Secs 9, 12, 13 and 18, Marked:

E. B. S. 14 N. R. 29 E. G. 4 S. R. M.

Chains

S. 14 N. S. 7, on N. E.,  
 R. 30 E., S. 18 on S. E.,  
 R. 29 E. S. 13 on S. N. and  
 S. 12 on N. N. face, with  
 4 notches on S. and 2  
 notches on N. edges; dug pits,  
 18 x 18 x 12 ins in each sec.,  
 5/8 ft dist., and raised  
 a mound of earth 2 ft.  
 high, 4 1/2 ft base around  
 post.

Land rolling  
 Soil 2nd rate  
 Vegetation, Bunchgrass.  
 Timber, cedar.

E. B. S. 14 N. R. 29 E. S. 1 & S. R. M.

Chains

North on a true line between  
sections 7 and 12

Var.  $14^{\circ} 25'$  East

Descend.

4.00 Leave timber, bears N.  $60^{\circ}$   
E. and S.  $60^{\circ}$  W

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

Cross low sag and ascend

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

E. B. S. 14 N. R. 29 E. T. & S. R. M.

Chains.

12 ins in the ground, for Cor.  
to Secs 1, 6, 7 and 12, marked  
S. 14 N. S. 6, on N. E.,  
R. 30 E. S. 7 on S. E.,  
R. 29 E. S. 12 on S. W. and  
S. 1 on N. W. faces, with  
5 notches on S and 1 notch  
on N edges; dug pits, 18x18  
x12 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 2<sup>nd</sup> rate  
Vegetation, Bunchgrass

---

E. B. S. 14 N. R. 29. E. G. & S. R. M.

Chains

North on a true line between  
Sections 1 and 6

Bear.  $14^{\circ} 15'$  East

Ascend

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

64.00 Cross low Sag, bears N.  
 $65^{\circ}$  E. and S.  $65^{\circ}$  N.

80.00 Set a post,  $4\frac{1}{2}$  ft long, 4

C. B. Sp 14 N. R. 29 E. G. + S. R. M.

ins square with marked  
stone, 12 ins in the ground  
for Cor. to Sp 14 and 15  
N. R's 29 and 30 East,  
marked:

S 15 N. S. 31 on N. E.,

R. 30 E. S. 6 on S. E.,

S 14 N. S. 1 on S. W. and

R. 29 E. S. 36 on N. W.

faces, with 6 notches on  
each edge; dug pits 24x  
18x12 ins. crosswise on  
each line, N. S. E. and  
N. of post, 6 ft dist. and  
raised a mound of earth  
2 1/2 ft high, 5 ft base  
around post.

Land rolling

E. B. Sp 14 N. R. 29 E. G. + S. R. M.

Soil 2<sup>nd</sup> rate  
Vegetation, Bunchgrass.

I carefully examined the  
adjustments of my solar  
Compass today, particularly  
the latitude and re-  
versing apparatus, and  
found them correct  
July 6<sup>th</sup> 1887





N. B. S. 14 N. R. 29, E. G. to S. R. M.

Chains

Before proceeding further  
with the operations of this  
Sp., I made a change of  
6 minutes in the latitude  
arc of my solar compass,  
by adding same to the  
reading previously giv-  
en and at noon veri-  
fied and corrected  
same by observation on  
the sun. I also further  
tested instrument by  
reversing

I took the latitude and  
found it to be  $34^{\circ} 37'$

N. from the Cor. to Sp. 14 and  
15 N. R. 29 and 30 E. <sup>Just established</sup>

N. B. S. 14, N. R. 29 E. G. & S. R. M.

Chains

run West, on a random  
line on N. B. of Sp

Var  $14^{\circ} 13'$  East.

I set temporary corners at  
every half mile, and at 6  
miles 6.64 chs. I arrive at  
a joint 200 lks south of  
Cor. to Sp 14 & 15 N. R. S 28 &  
29 E, which is a post 4 ins.  
square set firmly in mound  
of earth, marked:

Sp 15 N. S. R. 31 on N. E.,

R. 29 E. S. 6 on S. E.,

Sp 14 N. S. 1 on S. W. and

R. 28 E. S. 36 on N. W.

faces, with 6 notches on  
each edge, with pits  
24 X 18 X 12 ins. Cross—

BCKK 1256

N. B. S. 14 N. R. 29 E. S. &amp; S. R. M.

chains

wise on each line N. S. E.  
and W. at post 6 ft dist.  
from which corner I run  
S.  $89^{\circ} 46'$  E. on a true line  
between sections 6 and 31  
Var.  $14^{\circ} 05'$  East

Ascend.

46.64 Set a post 3 ft long, 3 ins.  
diam with marked stone,  
12 ins in the ground, for  
 $\frac{1}{4}$  Sec. cor., marked  $\frac{1}{4}$  S. on  
N. face; dug pit,  $18 \times 18 \times 12$   
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

56.00 Top of Ridge, brass N. and South.

N. B. S. 14 N. R 29 E. G. & S. R. M.

Chains

and descend

86.64 Set a post 4 ft. long & ins. square, with marked stone 12 ins. in the ground, for Cor to Secs 5, 6, 31 and 32, marked:

S. 15 N. S. 32, on N. E.,

R. 29 E., S. 5 on S. E.,

S. 14 N. S. 6 on S. W. and

S. 31 on N. W. faces,

with 1 notch on W. and 5 notches on 2 edges;

dug pits, 18 x 18 x 12 ins. in

each Sec, 5/2 ft. deep,

and raised a mound

of earth 2 ft high, 4 1/2 ft. base around post.

N. B. S. 14 N. R. 29 E. G. & S. R. M.

chains

Land rolling  
Soil 2nd rate  
Vegetation, Bunchgrass

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S.  $89^{\circ}46'$  East, on a tree line  
between sections 5 and 32  
Var.  $14^{\circ}15'$  East

Descend.

3.37 Ft. Wingate and St. John  
road, bears N.  $30^{\circ}$  E and S.  $30^{\circ}$   
W, and across low sag and  
ascend.

40.00 Set a post 3 ft. long, 3 ins.  
diam with marked stone, 12  
ins. in the ground, for  $\frac{1}{4}$  Sec.  
Cor., marked  $\frac{1}{4}$  S. on N. face,

N. B. S. 14 N. R. 29 E. G. & S. R. M.

chains

Dug pits, 18x18x12 ins., 2 on N. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs 4, 5, 32 and 33, marked:

Sp. 15 N. S. 33, on N. E.,  
R. 29 E., S 4 on S. E.,  
Sp. 14 N. S. 5 on S. W. and  
S. 32 on N. W. faces, with  
2 notches on W. and 4  
notches on E. edges;  
dug pits, 18x18x12 ins. in  
each Sec., 5 1/2 ft. dist.,

N. B. L 14, N. R. 29, E. G. & S. R. M.

chains

and raised a mound of  
earth 2 ft. high, 4 1/2 ft.  
base around post.

Land rolling

Soil 2nd rate.

Vegetation, Bunchgrass.



N. B. T. 14 N. R. 29 E. S. 1 & S. R. W

Heins S.  $89^{\circ}46'E$ . on a true line  
between Secs. 4 and 33.

Var  $14^{\circ}05'$  East

### Ascend

40.00 Set a post 3 ft. long 3 ins. diam.  
with marked stone 12 ins. in  
the ground for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pit  $18 \times$   
 $18 \times 12$  ins. E. and N. of post  
 $3\frac{1}{2}$  ft. dist. and raised a

mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base around post

80.00 Set a post 4 ft. long 4 ins.  
square with marked stone  
12 ins. in the ground for Cor.  
to Secs. 3-4-33-34 marked  
T 15 N. S. 34 on N. E.  
R. 29 E. S. 3 on S. E.

B, J, 14 N, R, 29 E, Y, + S, R, M.

Notes T. 14 N. S. 4 on S, N, and S. 33 on N. N. faces, with 3 notches on N, and 3 notches on E. edges, dug pits 18x18x12 ins. in each S.C.

5 1/2 ft. dist, and raised a mound of earth 2 ft. high 4 1/2 ft. base around post.

Land rolling  
Soil 2<sup>o</sup> cat

Vegetation of Bunch grass  
Timber of Cedar.

S. 87° 46' E, on a true line between  
Sections 3 and 34

Var 14° 10' Each

Ascend

2.40 Top of ridge bears N.E. + S.W. and descend.

N. B. T. 14 N. R. 29 E. G. + S. R. W.

Choirs

40.00

Set a post 3 ft. long 3 ins. diam. with marked stem 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  S. on N. face, dug pit 18x18x12 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.

50.00

Set a post 4 ft. long 4 ins. square with marked stem 12 ins. in the ground for Cor. & Sics. 2-3-34 and 35  
 Marked T 15 N. S. 35 on N. E. R. 29 E. S. 2 on S. E. T. 14 N. S. 3 on S. N. and S. 34 on N. N. faces with 4 notches on N. and 2 notches on E. edges. dug pit 18x18x12

N. B. T. 14 N. R. 29 E. G + S. R. M.

Chains ins. in each Sec,  $5\frac{1}{2}$  ft. dist.  
and raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$  ft. dia  
around each.

Good rolling

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass

Timber of Cedar

---

S  $89^{\circ}46'E$ , on a true line  
between Sections 2 and 35

Cor.  $14^{\circ}10'$  Each

Descend

40.00 Set a post 3 ft. long 3 ins.  
diam. with marked Stone  
12 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  S. on N.

N. B. T. 14 N. R. 29 E. G. + S. R. M.

Chains face, dug pits 18x18x12 ins  
E. + N. of post 5 1/2 ft. dist.  
and raised a mound of  
earth 1 1/2 ft. high 3 1/2 ft. base  
around post.

From which

A Cedar 14 ins. diam. bears  
N. 30° E. 15 lbs. dist. marked  
1/4 S. B. T.

A Cedar 14 ins. diam. bears  
S. 42° N. 99 lbs. dist. marked  
1/4 S. B. T.

53.00 Leave timber, bears N. + S.

80.00 Set a round stone 14x13x5 ins,  
9 ins. in the ground for Cor.  
to Secs. 1-2-35-36 marked  
with 5 notches on N. and  
1 notch on E. edges. dug

N. B. T. 14 N. R. 29 E. G. & S. R. M.

Chains pits 18x18x12 ins. in each  
 Sec. 5 1/2 ft. dist. and carried  
 a mound of earth 2 ft. high  
 4 1/2 ft. base along side  
 Land rolling  
 Soil 2<sup>nd</sup> cat

Vegetation of Bunch grass  
 Timber of Cedar.

---

S. 89° 46' E. on a true line  
 between Sections 1 and 36

Var. 14° 05' East

Descend

5.40 Crossed by bears N.E. & S.W.  
 and ascend.

40.00 Set a post 3 ft. long 3 ins.  
 diam. with marked stow

N. B. T. 14 N. R. 29 E. G. & S. R. M.

12 ins. in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  S. on N.  
 face, dug pits 18 x 18 x 12 ins.  
 E. & 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. dia  
 around each.

\$6.00 The Cor to Townships 14 & 15  
 N. Ranges 29 and 30 E.  
 Land Colling  
 Soil 2<sup>d</sup> rate

Vegetation of Bunchgrass  
 Timber of Cedar  
 July 7<sup>th</sup> 1882

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BOOK 1256

N. B. J. 14 N. R. 29 E. G. + S. R. M

General Description



N. B. T. 15 N. R. 29 E. G. & S. R. M

Chains From the Cor. to Tps. 14 and  
15 N. R. S. 28 & 29 E. just  
now established

I ran

North on a true line between  
Sections 31 & 36

Var.  $14^{\circ} 05'$  East

Descend

6.56 Leave timber, bear E. & N.  
and enter Luni Valley, bear  
E. and N.

40.00 Set a sand stone  $10 \times 9 \times 9$  ins.  
7 ins. in the ground for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on N. face,  
dug pits  $18 \times 18 \times 12$  ins. N. & 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 along side.

N. B. T. 15 N. R. 29 E. G. & S. R. M.

Chairs

\$6.00

Set a sand stone  $12 \times 8 \times 8$  ins.  
 8 ins. in the ground for Cr.  
 to Secs. 25-30-31- & 36 marked  
 with 1 notch on S. and 5 notches  
 on N. Edges, dug pits  $18 \times 18 \times 12$   
 ins. in each Sec,  $5 \frac{1}{2}$  ft. dia.  
 and raised a mound of  
 earth 2 ft. high  $4 \frac{1}{2}$  ft. across  
 alongside.

Land level

Soil 1<sup>st</sup> rate

Vegetation of Branch grass & Sedge brush



N. B. T. 15 N. R. 29 E. G. + S. R. W.

Chains North on a haul line between  
Sections 25 and 30

Var. 140 85' Each

Descend

38.90 Cross Juni River 30 lbs. wide  
Course N.

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

80.00 Set a post 4 ft. long 4 ins.  
square with marked stone  
12 ins. in the ground for Cor  
to Secs. 19-24-25-30

N. B. T. 15 N. R. 29 E. G. + S. R<sup>2</sup>M

Chairs marked T. 15 N. S. 19 on N. E.  
 R. 29 E. S. 30 on S. E.  
 R. 28 E. S. 25 on S. N. and  
 S. 24 on N. W. faces, with 2  
 notches on S. and 4 notches  
 on N. Edges, dug pits 8x18x12  
 ins. in each Sec. 5 1/2 ft. dist.  
 and raised a mound of  
 earth 2 ft. high 4 1/2 ft. ~~deep~~  
 around each.

Good level

Soil 2<sup>nd</sup> eat

Vegetation of Bunch grass + Sagebrush



N. B. T. 15 N. R. 29 E. S. 4 S. R. 2M

Chains North on a true line between  
Sections 19 and 21

Var.  $14^{\circ} 15'$  East

Ascend

25.00 Leave Valley bears N. E. & S. W.  
and ascend

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

47.00 Enter timber, bears E. & W.

61.00 Top of ridge bears E. & W. descent

N. B. J. 15 N. R. 29 E. G. & S. R. M

Chowin

So. 00

Set a Basalt Stone  $12 \times 10 \times 10$  ins.  
 8 ins. in the ground for Crv. to  
 Secs. 13-18-19-2nd marked  
 with 3 notches on S. and 3  
 notches on N. edges, dug pits  
 $18 \times 18 \times 12$  ins in each Sec.  
 $5\frac{1}{2}$  ft. dia, and raised a  
 mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. dia. alongside

Land rolling

Soil 2<sup>nd</sup> cat

Vegetation of Bunch grass & Sagebrush  
 Timber of Cedar

~~~~~

N. B. T. 15 N. R. 29 E. G. & S. R. M.

- Chains North on a true line between  
 Sections 13 and 18  
 Var,  $14^{\circ} 15'$  East  
 Descend
- 44.80 Cross low sag, bias, N. N. + S. E  
 and ascend
- 47.40 Crossroad, bias N.  $47^{\circ}$  E. and  
 S.  $47^{\circ}$  N.
- 49.00 Set a sand stone  $11 \times 10 \times 8$  ins  
 $7$  ins, in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on N.  
 face, dug pits  $18 \times 18 \times 12$  ins  
 N. + S. of stone  $5 \frac{1}{2}$  ft. dia.,  
 and raised a mound of  
 earth  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft. base  
 along side
- 50.00 Set a post  $4$  ft long  $4$  ins,  
 square with marked stone

N. B. T. 15 N. R. 29 E. G. + S. R. M

Chairs 12 ins. in the ground for Cor.  
to Secs. 7-12-13-18 Marked  
T. N N. S. 7 on N. E.,  
R. 29 E. S. 18 on S. E.,  
R. 28 E. S. 13 on S. W. and  
S. 12 on N. W. faces with 4  
notches on S. and 2 notches  
on N. edge, dug pits 18 x 18 x 12  
ins. in each Sec. 5 1/2 ft. dia.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. base  
around post.

Land rolling

Soil 2<sup>nd</sup> cat

Vegetation of Bunch grass





N. B. T. 15 N. R. 29 E. G. + S. R. M

Chorus North on a true line between  
Sections 7 and 12

Var.  $141^{\circ} 00'$  East

Ascend

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

80.00 Set a post 4 ft. long 4 ins. diam  
with worked stone 12 ins. in  
the ground for Cor. & Secs. 1-6-7-12  
Marked T N. N. S. 6 on N. E.  
R. 29 E. S. 7 on S. E.  
R. 28. E. S. 12 on S. N.

N. B. T. 15 N. R. 29 E. G. + S. R. M.

Chairs and S, 1 on N. W. faces,  
with 5 notches on S, and 1 notch  
on N. edges, dug pit 18x18x12  
ins. in each Sec, 5 1/2 ft. dist.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. diam  
around post.  
Land rolling  
Soil 2<sup>o</sup> cat  
Vegetation of Bunch grass.

North on a true line between  
Section 1 and 6

Dist. 144° 05' Each

Ascend

10.30 Enter scattering timber, bears  
E. + N.

N. B. T. 15 N. R. 29 E. G + S. R. 20.

Chairs

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


70.50 Iron timber, bears E. and N.

80.00 Sit a post 4 ft. long 4 ins. diam.  
with marked stow 12 ins. in  
the ground for Cor. to Tps. 15  
and 16 N. Rs. 28 and 29 E.  
Marked T. 16 N. S. 31 on N. E.  
R. 29 E. S. 6 on S. E.

T. 15 N. S. 1 on S. N. and  
R. 28 E. S. 36 on N. W faces  
with 6 notches on each edge

N. B. J. N. R. 29 E. G. + S. R. M.

Chairs dug pits  $24 \times 18 \times 12$  ins.  
 Crosswise on each line  
 N. S. E. + N. of post 6 ft.  
 dist. and raised a mound  
 of earth  $2\frac{1}{2}$  ft. high 5 ft  
 base around post.  
 Sand colling  
 Soil 2<sup>nd</sup> late  
 Vegetation of Bunch grass  
 Timber of Cedar





E. B. J. N. N. R. 29 E. G. + S. R. M.

Chains from the Cor. to Tps, 14 and  
15 N. R's, 29 and 30 East  
just now established  
I run

North on a true line between  
Sections 31 + 36

800, 14° 13' East

Ascend

- 4.50 Enter timber bears S, E, + N N.  
40.50 Set a post 3 ft long 3 ins. diam.  
with marked straw 12 ins. in  
the ground for  $\frac{1}{4}$  Sec. Cor.  
marked  $\frac{1}{4}$  S, on N. face, dug  
pits 18 x 18 x 12 ins. N. S of  
post 5' left, dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. top around  
post.

E. B. T. 15 N. R. 29 E. G. & S. R. M

shoins

8000

Set a post 4 ft. long 4 ins. square, with marked stake 12 ins. in the ground for Cor.

to Secs. 25-30-31-36 marked T. 15 N. S. 30 on N. E.

R. 30 E. S. 31 on S. E.

R. 29 E. S. 36 on S. N. and

S. 25 on N. N. faces with 1 notch on S. and 5 notches

on N. edges, dug pit 18 x 18 x 12 ins. in each Sec. 5 1/2 ft.

ditch. and raised a mound of earth 2 ft. high 4 1/2 ft. base around post.

Land Mountainous

Soil 3<sup>d</sup> Rate

Timber of Cedar

Vegetation of Bush grass

E. B. T. N. R. 29 E. G. + S. R. M.

Choirs North on a true line between  
Sections 25 and 30

80r.  $14^{\circ} 05'$  Each

Ascend

13.80 Bank of Mesa, bears N.  $80^{\circ}$   
N. and S.  $80^{\circ}$  E. Leave timber,  
bears E. + N. + descend

21.00 Foot of Mesa, bears N. N. + S. E.

40.00 Set a sand stone  $14 \times 12 \times 6$  ins,  
9 ins. in the ground for  $\frac{1}{4}$  Sec  
Cm. marked  $\frac{1}{4}$  on N. face, dug  
pits  $18 \times 18 \times 12$  ins N. + S. of stone  
 $3\frac{1}{2}$  ft. dist and raised a  
mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft base along side.

40.00 Cross wash 6 lks. wide Corner  
N.  $67^{\circ}$  N. and ascend



E. B. T. N. R. 29 E. G + S. R. M.

Chains

\$8.00

Set a post 4 ft. long 4 ins. square with marked stone 12 in. in the ground for Cor. to Secs. 19, 24, 25 + 30, marked T. N. N., S. 19 on N. E.

R, 30 E. S. 30 on S. E

R, 29 E. S. 25 on S. W, and

S. 24 on N. N. faces, with 2

notches on S, and 4 notches

on N. 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. dia. around post  
Land Mountain on

Soil 2<sup>nd</sup> rot

Timber of Cedar

Vegetation of Bunch grass

E. B. T. N. R. 29 E. G + S. R. M.

Chains North on a true line between  
Secs. 19 + 24

Var  $14^{\circ} 05'$  East

Ascent

29.00 Top of ridge bears N.  $70^{\circ}$  W. and  
S.  $70^{\circ}$  E. and descend

30.50 Cross Wash 7 lks. wide Corner  
N.  $70^{\circ}$  W. and ascend

40.00 Set a Basalt Stone  $10 \times 10 \times 8$  ins.,  
7 ins. in the ground for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on N. face,  
dug pits  $18 \times 18 \times 12$  ins. N. + S. of  
stone  $5\frac{1}{2}$  ft. deep and raised  
a mound of earth  $5\frac{1}{2}$  ft high  
 $3\frac{1}{2}$  ft. broad alongside

53.10 Cross Wash 4 lks. wide.  
Corner N.

80.00 Set a Sand Stone  $12 \times 11 \times 7$  ins

S. B. T. 15 N. R. 29 E. G. & S. R. 7 W.

8 ins in the ground for Cor. to  
 Secs. 13-18-19 and 24 marked  
 with 3 notches on S. and 3 notches  
 on N. Edges, dug pits 18x18x12  
 ins. in each Sec. 5 1/2 ft. dist,  
 and raised a mound of earth  
 2 ft. high 4 1/2 ft. over along side  
 Land rolling  
 Soil 2<sup>o</sup> cat.

Vegetation of Bunch grass

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North on a true line between  
 Secs. 13 + 18

Var. 14° 10' East

Descend

12.71 Cross road 15 lks. with Course  
 N. 73° W. and ascend

E. B. J. 15 N. R. 29 E. T. & S. R. M.

Chairs

39.50 Top of ridge, cross N. 10° N. and S. 10° E. and descended

40.00 Set a pond stone 18 x 18 x 18 ins 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on N. face, dug pits 18 x 18 x 12 ins. N. & 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 along side.

52.20 Cross Wash 4 lbs. wide, corner N. 80° N. and ascended

50.00 Set a pond stone 18 x 10 x 10 ins. 12 ins. in the ground for Cor. to Secs. 7-12-13 & 18 marked with 4 notches on S. and 2 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5  $\frac{1}{2}$  ft. dist.

E. B. T. 15 N. R. 29 E. G. + S. R. M.

Shovels and raised a mound of  
soil 2 ft. high  $4\frac{1}{2}$  ft. long  
alongside.

Land mountainous

Soil 3<sup>rd</sup> rate

Vegetation of Bush grass.



Walk on a line between  
Sections 7 and 12

Dir.  $140^{\circ}20'$  East

Ascend.

7.60 Top of mesa base, N. W. and S. E  
and descend

4000 Set a Basalt stone  $10 \times 10 \times 7$   
ins. 7 ins. in the ground for  $\frac{1}{4}$   
Sec. Cr. marked  $\frac{1}{4}$  on N. face  
dig pits  $18 \times 18 \times 12$  ins. N. + S.

E. B. J. 15 N. R. 29 E. G. + S. R. 20,

Chairs of stone  $5\frac{1}{2}$  ft. dia., and  
 raised a mound of earth  $1\frac{1}{2}$   
 ft. high  $3\frac{1}{2}$  ft. base alongside  
 57.67 Cross north 28 lts. wide. Corner  
 S.  $80^{\circ}$  N. and as usual.

80.00 Set a Basalt Stone  $13 \times 11 \times 9$  ins,  
 9 ins. in the ground for Cor. to  
 Secs. 1-6-7-12 marked with  
 5 notches on S. and 1 notch  
 on N. edges, dug pits  $18 \times 18 \times 12$   
 ins. in each Sec.  $5\frac{1}{2}$  ft. dia.,  
 and raised a mound of earth 2 ft.  
 high  $4\frac{1}{2}$  ft. base alongside  
 Land rolling  
 Soil 2<sup>5</sup> + 3 rats  
 Vegetation of Bunch grass

---

S. B. T. 13<sup>n</sup>. R. 29 E. 9. + S. R. W.

Chains North on a trail line between Secs. 16  
T<sub>14</sub>R. 14° 15' East

Ascend

- 1.50 Enter Valley, bears N.W. + S.E.  
36.00 Top of ridge, bears E. + N. + descend  
40.00 Set a Basalt Stone 12 x 10 x 8 ins,  
8 ins. in the ground for  $\frac{1}{4}$  l.c.,  
Cr. marked  $\frac{1}{4}$  on N. face, dug  
pit 18 x 18 x 12 ins N. and S. of  
stone 3  $\frac{1}{2}$  ft. dist and raised  
a mound of earth 1  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. box alongside  
4.85 Cross Wash, 3 lbs. wide Cr. in  
N. and ascend,  
80.00 Set a Basalt Stone 13 x 11 x 9 ins,  
9 ins. in the ground for corner  
to T<sub>15</sub> + 16 N. R. 29 and  
30 E. marked with 6 notch

E. B. T. 15 N. R. 29 E. G. + S. R. W.

Chains on each edge, dug pits  
 $24 \times 18 \times 12$  ins. crosswise on  
 each line, N, S, E, and W.  
 of stone, 6 ft. dia and  
 raised a mound of earth  
 $2\frac{1}{2}$  ft. high 5 ft. base along side.  
 Land rolling  
 Soil 1st cat.

Vegetation of Bunch grass.

I carefully examined the  
 adjustment of my Solar Compass  
 today, particularly the latitude  
 and reversing apparatus  
 and found them correct

July 8<sup>th</sup>, 1882





N. B. T. 15 N. R. 29 E. G + S. R. W

Chains Before proceeding further with the exterior of this Tps. I made a change of 5 minute in the latitude arc of my Solar Compass by adding some to the reading previously given and at noon verified and corrected same by observation on the Sun.

I also further tested instrument by reversing.

Took the latitude and found it to be  $34^{\circ} 42' N.$

From the Cor. of Tps. N. & 16 N. R's. 29 and 30 E. just now established, I run

N. on a random line on N. boundary of township  
Var  $14^{\circ} 13' East$

No. 1256

N. B. T. 15 N. R. 29 E. G. &amp; S. R. W.

hairs I set temporary corners at every half mile and at 6 miles 7.48 obs. I arrived at a point 219 lks. South of Cor to Tps. 15 + 16 N. Rs. 28 + 29 E. Which is a post 44 ins. square firmly set in the ground in mound of earth, with marked

stone, Post marked

T. 16 N. S. 31 on N. E.

R. 29 E. S. 6 on S. E.

T. 15 N. S. 1 on S. W and

R. 28 E. S. 36 on N. W. faces with 6 notches on each edge.

Thence I saw

S.  $89^{\circ}44'E$ , on a trullium beh.

Secs. 6 and 31

Dos.  $140^{\circ}05'$  East

N. B. 5, 15 N. R, 29 E, G. + S, R. W

Chains Ascend

- 47.48 Set a post 3 ft. long 3 ins. diam., with marked stem 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face; dug pits 18 x 18 x 12 ins E. + 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.
- 62.00 Top of spur, bearings N. E. + S. W. and descend
- 87.48 Set a post 21 ft. long 4 ins. square with marked stem 12 ins. in the ground for Cor. to Secs. 56-31-32 Marked T 16 N. S. 32 on N. E. R. 29 E, S. 5 on S. E. G. 15 N. S. 6 on S. W. and S. 31 on N. W. faces with

N. B. T. 15 N. R. 29 E. G. + S. R. W

chains 1 notch on N, and 5 notches  
 on E. edges, dug pits 18x18x12  
 ins, in each Sec. 5 1/2 ft. dist.  
 and raised a mound of earth  
 2 ft high 4 1/2 ft. base around each.  
 Land rolling  
 Soil 2<sup>nd</sup> cat  
 Vegetation of Bunch grass

S. 89° 44' E. on a tran line between  
 Section 5 and 32

Dist. 14010' East

Descend

70.00 Cross low Sag beas N.E. + S. N.  
 and ascend.

40.00 Set a post 3 ft. long 3 ins. diam.  
 with worked stem 12 ins. in

N. B. T. 15 N. R. 29 E. T. & S. R. W

Chairs the ground for  $\frac{1}{4}$  Sec. Cor  
marked  $\frac{1}{4}$  S. on N. face, dug  
pit,  $18 \times 18 \times 12$  ins, E. & N. 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  
of 2.50 Foot of mesa, bears N. W and S. E.  
and ascend.

80.00 Stakepat 4 ft. long 4 ins. square  
with marked stone 12 ins. in  
the ground for Cor. to Secs.  
4-5-32-33, marked  
T. 16 N. S. 33 on N. E.  
R. 29 E. S. 4 on S. E.  
T. 15 N. S. 5 on S. W. and  
S. 32 on N. W. faces with  
2 notches on N. and 4 notches  
on E. edges. dug pit.  $18 \times 18 \times 12$

N. B. T. 15 N. R. 29 E. G. 4 S. R. W

hoins 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<sup>rd</sup> rate

Vegetation of Bunch grass

---

S. 89° 44' E, on a true line  
between Secs. 4 and 33

80', 14° 15' Each

Ascend

15.10 Top of Mesa, bears N. N. + S. E.  
and descend

40.00 Set a post 3 ft. long 3 ins. diam.  
with marked from 12 ins. in  
the ground for 1/4 Sec. Cr.

N. B. T. 15 N. R. 29 E. G. + S. R. M.

Chairs marked  $\frac{1}{4}$  S. on N. face, dug pits  $18 \times 18 \times 12$  ins. E. + N. 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. toer around post.

So. 00 Set a post 4 ft. long 4 ins. square with marked T on 12 ins in the front for Cr. to

Sics. 3-4-33-4 34 marked T 16 N. S. 34 on N. E., R. 29 E. S. 3 on S. E., T. 15 N. S. 4 on S. N. and S. 33 on N. W. faces with 3 notches on N. and 3 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sic.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft high  $4\frac{1}{2}$  ft. toer around post



N. B. T., 15 N. R., 29 E. G. + S. R. W.

Chairs Long rolling  
Soil 2<sup>nd</sup> rate  
Vegetation of Bank grass

S.  $89^{\circ}44'E$ , on a trun line  
between Secs. 3 and 34

Var.  $14^{\circ}20'$  East

Descend

25.80 Foot of Mesa, bear N. W.  
and S. E. and descend,

46.00 Set Basalt Stone  $13 \times 11 \times 9$  ins.  
9 ins in the ground for  $\frac{1}{4}$  Sec.  
Ar. marked  $\frac{1}{4}$  on N. face, dug  
pit  $18 \times 18 \times 12$  ins E. & W. of Stone

$5\frac{1}{2}$  ft. dia. and raised a mound  
of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. over  
along side

N. B. T. 15 N. R. 29 E. G. & S. R. 2W

Chains

\$0.00 Set a Basalt prism  $14 \times 11 \times 7$   
 ins., 9 ins., in the ground for Cor.  
 to Secs 2-3-34-35 marked  
 with 4 notches on N. and  
 2 notches on E. edges, clay  
 pits  $18 \times 18 \times 12$  ins. in each  
 Section in  $5\frac{1}{2}$  ft. dia., and  
 raised mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft. base along side.  
 Level colliney  
 Soil 2<sup>o</sup> rat  
 Vegetation of Sandgrass

S.  $89^{\circ}44'E$ , on a true line  
 between Secs. 2 and 35

Dist.  $14^{\circ}00'$  East

N. B. T. 15 N. R. 29 E. G. + S. R. M.

Chains Ascend.

1.00 Enter Luni Valley, bears  
N. E. + S. W.

14.91 Fort Wingat road, bears N. E. + S. W.

46.00 Set a sand stone  $10 \times 13 \times 11$  ins,  
10 ins. in the ground for  $\frac{1}{4}$  Sec.  
Crr. marked  $\frac{1}{4}$  on N. face, dug  
pits  $18 \times 18 \times 12$  ins E. + N. of stone  
 $3\frac{1}{2}$  ft. dick and raised a  
mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. to each side.

44.50 Cross Luni River 90 ft.  
wide cross S. W.

80.00 Set a sand stone  $16 \times 15 \times 7$  ins.  
11 ins in the ground for Crr.  
& Sess. 1-2-35-36 marked  
with 5 notches on N. and 1 notch  
on E. edges, dug pits  $18 \times 18 \times 12$  ins.

N. B. T. 15 N. R. 29 E. G. + S. R. W

Chairs in each Sue, 5 1/2 ft. dist.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. long  
alongside  
Land level

Soil 1<sup>st</sup> + 2<sup>nd</sup> cat

Vegetative of Birchgrass

S. 89° 44' East on a tran line  
between Sias. 1 and 36

Var. 14° 05' East

H<sub>0,00</sub> Sit a pond stone 11 x 9 x 6 ins.  
7 ins. in the ground for 1/4 Sue.  
Cr. marked 1/4 on N. face, dug  
pit 18 x 18 x 12 ins, E. + W. of stone  
3 1/2 ft. dist. and raised a  
mound of earth 1 1/2 ft. high

N. B. T. 15 N. R. 29 E. G. + S. R. 20 W

chains 3/4 ft. box alongside  
So. 00 The Cor. to Tps. 15 + 16 N. Rs. 29 + 30 E.  
Land level  
Soil, at rate  
Vegetation of bunch grass + Leguminous  
July 10<sup>th</sup> 1882

General Description

E. B. T. 13. N. R. 30 E. G. + S. R. W.

Chains Before proceeding with the extension of this Sp. I made a change of 16 minutes in the latitude arc of my Solar Compass by subtracting some from the reading previously given, and at noon verified and corrected same by observation on the Sun. I also further tested my instrument by reversing.

From the Standard Cr. to Sp. 13. N. R. S. 30 + 31 E. <sup>just established</sup> I run North on a true line between Sections 31 and 36.

Var.  $13^{\circ} 47'$  East

Ascend

40.00 Let a Soud Stem  $14 \times 12 \times 10$  ins pins, in the ground for  $\frac{1}{4}$  Sec.

E. B. T. 13, N. R. 30 E. G. 1 S. R. M.

Chairs Cr. marked  $\frac{1}{4}$  on N. face,  
 dug pits  $18 \times 18 \times 12$  ins. N. & S,  
 of stow  $5\frac{1}{2}$  ft. dia, and  
 raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. toe along side

78.20 Enter timber, bears E. and W.

80.00 Set a post 21 ft. long 4 ins. square  
 with marked stow 12 ins. in the  
 ground for Cr. to Secs. 25-30-31-36  
 marked T 13 N. S. 30 on NE

R. 31 E. S. 31 on S. E.

R. 30 E. S. 36 on S. W and

S. 25 on N. W. faces with

1 notch on S. and 5 notches on  
 N. Edges; dug pits  $18 \times 18 \times 12$  ins.  
 in each Sec  $5\frac{1}{2}$  ft. dia, and  
 raised a mound of earth 2  
 ft. high  $4\frac{1}{2}$  ft. toe around post

E. 13, T. 13 N., R. 30 E., G. & S. R. M.

Chorus Land rolling  
 April 25 note  
 Vegetation of Bunch grass  
 Timber of Cedar



North on a true line between  
 Secs. 25 and 30

for  $13^{\circ} 42'$  each

Ascend

8.50 Top of ridge bears N.  $62^{\circ}$  W.  
 and S.  $62^{\circ}$  E, and descend

40.00 Set a Basalt stone  $14 \times 10 \times 8$  ins.  
 9 ins. in the ground for  $\frac{1}{4}$  Sec. Cor.  
 marked  $\frac{1}{4}$  on N. face, dug pits  
 $18 \times 18 \times 12$  ins. N. & 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. long along side.



E. B. T. 13 N. R. 30 E. G. + S. R. W

Series

- 43,65 Branch of New Mexico road, faces E. + N., and cross low sag, bears E. + N., and ascend
- 58,60 Top of ridge, bears N. W. + S. E. + descend.
- 80,00 See a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground for Cr., to Pres. 19-24-25-30  
 Marked T. 13 N. S. 19 on N. E.  
 R. 31 E. S. 30 on S. E.  
 R. 30 E. S. 25 on S. W. and S. 24 on N. W. faces, with 2 notches on S., and 4 notches on N. edges. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dia., and raised a mound of earth 2 ft. high 4 1/2 ft. over ground post

E. B. T. 13 N. R. 30 E. G. 45 R. 70.

Chowin Land rolling & hilly  
Soil 2<sup>nd</sup> rate  
Vegetation of Bunch grass,  
Timber of Cedar.



North on a true line between  
Sections 19 & 22

Dr 13° 58' East

Descend

38.06 Cross road, to New Mexico, bears  
N. 60° E. & S. 60° W. and crosses gulch  
12 lks wide bears N. 60° E. and  
ascend

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

E. B. T. 13 N. R. 30 E. G. & S. R. M.

Chains Pits impracticable

57.00 Top of ridge bears N. 60° E. S. 60° W.  
and descend.

80.00 Set a pond stone 20 x 14 x 12 ins 15  
ins. in the ground for cor. to Secs.  
13-18-19-22 marked with  
3 notches on S. and  
3 notches on N edges and  
raised a mound of stone  
alongside.

Pits impracticable.

Antonio Gonzales house bears N.

50° E. 270 lks. dist. Antonio

Gonzales Wood shed bears N. 15°

E. 490 lks. dist. A spring bears

N. 51° E. 911 lks. dist.

Land rolling

Soil 25 rot

Vegetation of bunch grass

Limbs of cedar

E. B. T. 13 N. R. 30 E. G. & S. R. W.

Chains North on a true line between  
Sectors 13 and 18

Var. 130 & 2' Each

Descend

- 18.00 Antonio Gonzalez fence Corner E. & N.  
27.00 Antonio Gonzalez lake bears S.  $25^{\circ}$  E. and  
Antonio Gonzalez Canal bears E. & N.  
30.00 Antonio Gonzalez lake bears S.  $40^{\circ}$  E.  
40.00 Set a round stone  $12 \times 10 \times 10$  ins 8  
ins. in the ground for  $\frac{1}{4}$  Sec. 13,  
marked  $\frac{1}{4}$  on N. face, dug  
pit  $18 \times 18 \times 12$  ins N. & S. of stone  
 $3\frac{1}{2}$  ft. dist. and raised a  
mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. over alongside  
51.30 Cross wash 10 lks. wide, Corner  
N.  $60^{\circ}$  E. and ascend  
80.00 Set a line Stone  $10 \times 10 \times 6$  ins

E. B. J. 13. N. R30 E. G. + S. R. W.

Thorns 7 ins. in the ground for Cor. to  
 Secs. 7-12-13-18 marked with  
 4 notches on S. and 2 notches  
 on N. edges, dug pits 15x15x12  
 ins. in each Sec. 5 1/2 ft. dia.  
 and raised a mound of  
 earth 2 ft. high 4 1/2 ft. across  
 alongside

Sand rolling

Soil 50 rats

Vegetation of Bunch grass

Timber of Pine + Cedar



North on a true line between  
 Sections 7 and 12

Var. 13° 45' Each

Ascend

E. B. T. 13 N. R 3, E. G. & S. R. W.

Chairs

H900 Set a post 3 ft. long 3 ins. Chair,  
with marked stem 12 ins in the  
ground for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits 18x18x12  
ins. N. + S. of post  $5\frac{1}{2}$  ft. dist.  
and raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around  
post.

80.00 Top of Spruce bears N, E, & S. N. and

80.00 Set a round stem 16x14x3 ins.  
11 ins. in the ground for Cor. to Sec.  
1-6-7-12 marked with 5 notches  
on S. and 1 notch on N. edges,  
dug pits 18x18x12 ins. in each  
Sec.  $5\frac{1}{2}$  dist. and raised a  
mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base along side

E. B. T. 13 N. R. 30 E. G. & S. R. M.

9800' Low colline  
 Soil 25' rot  
 Vegetation of Bunch grass  
 Timber of Pine & Cedar.



North on a true line between  
 Sections 1 and 6

Var. 13° 50' East

Descend

9,850' Consider day bears N. E. and S. N.  
 and ascend

4000' Set a Boulder 10 x 10 x 8 ins. 7 ins.  
 in the ground, for 1/4 Sec. Cor. marked  
 1/4 on N. face, dug pit 18 x 18 x 12  
 ins. N. & S. of Stone 5 1/2 ft. dia.  
 and raised a mound of earth  
 1 1/2 ft. high 3 1/2 ft. broad alongside

E. B. T. 13 N. R. 3r E. G. v S. R. W.

|        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chairs |                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 60.00  | Top of ridge bears N.E. & S.W. descent                                                                                                                                                                                                                                                                                                                                                                               |
| 74.50  | Cross track 5 lks, wide across<br>S. W. and ascend                                                                                                                                                                                                                                                                                                                                                                   |
| 80.00  | Set a round stone 12x10x10 ins,<br>8 ins. in the ground for Cr. &<br>Tps. 13 & 14 N. R's, 30 and 31<br>E. marked with 6 notches on<br>each edge, dug pit 24x18x12<br>ins. Crosswise on each line<br>N, S, E, and W. of stone 6 ft. dia.<br>and raised a mound of earth<br>2 1/2 ft. high 5 ft. too alongside<br>Land mountains<br>Soil 25 cat<br>Timber of Pine & Cedar<br>Vegetation of Bunchgrass<br>July 12, 1882 |



*General Description*

N. B. T. 13 N. R. 30 E. G. + S. R. M

Chris Before proceeding further with  
the exterior of this Sp. I made a  
change of 5 minutes in the  
latitude arc of my Solar  
Compass by adding some  
to the reading previously given  
and at noon verified and  
corrected some by observation  
on the sun. I also further  
tested my instrument by  
reversing

From the Cr. to Tps. 13 + 14  
N. R. 30 + 31 E. <sup>just established</sup> sun  
Mark on a random line on N.  
boundary of Sp.

Var.  $13^{\circ} 54'$  East  
Set temporary crosses at  
every half mile and at 5 miles

N. B. T. 13 N. R. 30 E. G. & S. R. W.

78, 90 Chs, I arrive at a point  
100 lbs South of Cr. to Tps.  
13-14 N. Rs. 29+30 E. which  
is a post 4 ins. square, with  
marked stone, set firmly in the  
ground in mound of earth  
and marked

T 14 N. S. 31 on N. E.

R. 30 E. S. 6 on S. E.

T 13 N. S. 1 on S. W. and

R. 29 E. S. 36 on N. W. faces  
with 6 notches on each edge,  
with pits.

Then I run

S.  $89^{\circ} 53'$  E. on a true line  
between Sections 6 and 31

Or.  $14^{\circ} 15'$  East

Descend

N. B. T., 13 N. R., 30 E., G., + S. R. M.

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Chairs

17.60 Cross road to New Mexico Cross  
N. W. + S. E., Allow in 1, 10 chs  
for emergency at

38.90 Set a pond stone  $4\ 8\ 8 \times$  ins,  
5 ins. in the front for  $\frac{1}{4}$  S. C.  
Cr. marked  $\frac{1}{4}$  on N. face, dug  
pits 18, 18-12 ins. E. + W. of stone  
 $5\frac{1}{2}$  ft. dia. and raised  
a mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base alongside

78.90 Set a post 4 ft. long 4 ins. square  
with marked stone 12 ins. in  
the front for Cr. to Secs 5-6-31-32  
Marked T 14 N. S. 32 on N. E.  
R. 30 E. S. 5 on S. E.  
G. 13 N. S 6 on S. W. and  
S. 31 on N. W. faces with

N. B. J. 13 N. R. 30 E. G. S. R. M.

hoins 1 notch on N, and 5 notches  
on E. edges, dug pits 18x18x12  
ins. in each Sec, 5 1/2 ft. dia.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. base  
around post.

Loam rolling

Soil 2<sup>nd</sup> rat

Vegetation of Bunch grass

S: 89° 53' E, on a tran line bet.  
Secs 5 and 32

Br, 14° 12' East

Descend

1,600 Cross wash 5 lks, wide across  
N, and ascend

40,000 Set a Lime stone 14x10x6 ins.

N. B. T. 13 N. R. 30 E. G. + S. R. W.

Chairs 9 in. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on N. face,  
 dug pits  $18 \times 18 \times 12$  ins, E. + W.  
 of ston  $5\frac{1}{2}$  ft. dish, and  
 raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base along side  
 So. 00 Set a post 4 ft. long 4 ins,  
 square with marked ston  
 $12$  ins, in the ground for Cor. to  
 Secs. 4-5-32-33 marked  
 T. 14 N. S. 33 on N. E.  
 R. 30 E. S. 4 on S. E.  
 T 13 N. S. 5 on S. W. and  
 S. 32 on N. W. faces with  
 2 notches on W. and 4 notches  
 on E. edges, dug pits  $18 \times 18 \times 12$   
 ins. in each Sec  $5\frac{1}{2}$  ft. dish,  
 and raised a mound of

N. B. T. 13, N. R. 30 E. T. 7 S. R. 10 W

hoins louth 2 ft. high 4 1/2 ft. base  
around post.

Land rolling

Soil 1st cat

Vegetation of Bush prairie

~~~~~  
S, 89° 53' E, on a true line  
between Secs. 4 and 33

Or. 14° 12' East.

Ascend

40.00 Set a post 3 ft. long 3 ins. diam  
with marked stem 12 ins. in  
the ground for 1/4 Sec. Cor. marked  
1/4 S, on N. face, dug pits  
18 x 18 x 12 ins. E. + W. of post  
3 1/2 ft. disk, and a wire a  
moand of earth 1 1/2 ft. high  
3 1/2 ft. base around post

N. B. T. 13 N. R. 30 S. G. + S. R. M.

Chorus

80.00. 8 in. Shallow pond 12 x 8 x 6 ins.  
 in the front for Cor. to Sec 3-4  
 33-34 marked with 3 notches  
 on N. + 3 notches on E. edges. dug  
 pits 18 x 18 x 12 ins. in each Sec.  
 3 1/2 ft. dist. and raised  
 a mound of earth 2 ft.  
 high 4 1/2 ft. over along side  
 Pond rolling  
 Soil 1st cat  
 Vegetation of Bunch grass



N. B. S. 13 N. R. 30 E. G. S. R. 2 W

- Chain S.  $89^{\circ}53'$  E, on a true line  
between Sics. 3 and 34  
Vbr. 14' 0 5' Each  
Descend
- 40.00 Set a round stone  $12 \times 11 \times 10$   
ins. 8 ins, in the ground for  $\frac{1}{4}$   
11 Sic. Cr. marked  $\frac{1}{4}$  on N.  
face, dug pits  $18 \times 18 \times 12$  ins.  
E. + W. 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  
along side.
- 78.92 Cross Wash 10 lks. wide  
crosser S.  $63^{\circ}$  W. and ascend
- 80.00 Set a round stone  $15 \times 11 \times 4$  ins.  
10 ins, in the ground for Cr. to  
Sics 2-3-34- + 35 marks  
with 4 notches on N. and 2

N. B. T. 13 N. R. 30 E. G + S. R. 20

Chairs notches on E. edges, dug pits 18x18x12 ins in each Sec. 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft. base along side  
Law rolling  
Soil 1st cat  
Vegetation of Bunchgrass.

N. 89° 53' E, on a tran line  
between Section 2 and 35  
Dbr. 14° 00' Each

Ascend

37.50 Enter Timber brass N. E. + S. N.  
40.00 Set a post 3 ft long 3 ins. diam  
with marked stone 12 ins.  
in the ground for 1/4 Sec. Cor.

N. B. T. 13 N. R. 30 E. G. + S. R. M.

Chairs marked  $\frac{1}{4}$  S. on N. face,  
dug pits 18x18x12 ins. E. + N.  
of post,  $5\frac{1}{2}$  ft. dist, and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around  
post.

80.00 Sita Basalt Stone 14x12x10  
ins, 9 ins, in the ground for  
Chr. & Secs. 1-2-35-36  
marked with 5 notches on  
N. and 1 notch on E. edges,  
dug pits 18-18-12 ins. in  
each Sec.  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base alongside.  
Good rolling  
Soil 25 rot  
Vegetation of bunch grass  
Shrubs of Cedar

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N. B. T. 13 N. R. 30 E. G. &amp; S. R. M.

60 Chins S.  $89^{\circ}53'E$ , on a true line  
between Sics. 1 and 36  
Var.  $14^{\circ}00'$  East.

Ascend.

37.75 Top of ridge bears N.E. and  
S.W. and descend

40.00 Set a Lara Stone  $12 \times 10 \times 10$   
ins.  $8$  ins. in the ground  
for  $\frac{1}{4}$  Sic. Cor. marked  $\frac{1}{4}$   
on N. face, dug pits  $18 \times$   
 $18 \times 12$  ins. E. & W. 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 along side

80.00 the corner to Tps. 13 and 14  
N. R. 30 & 31 E.

Land rolling  
Soil 2<sup>nd</sup> cut

N. B. 7, 13 & R. 30 E. G. & S. R. M.

Vegetation of Bunchgrass

General Description

N. B. T. 13 N. R. 31 E. G. & S. R. M.

Chain From the Corner of Tps 13-14 N  
Rd 30-31 E. just now established  
Iron

East on a true line between  
Sections 6 and 31

Dir.  $13^{\circ} 54'$  East

Descend

21.26 Cross wash 5 lts. wide across  
S. N. and ascend

40.00 Set a post 3 ft. long 3 ins. diam.  
with marked stem 12 ins. in  
the point for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits  
 $15 \times 18 \times 12$  ins E, and N. of post  
 $3\frac{1}{2}$  ft. dist, and raised  
a mound of earth  $4\frac{1}{2}$  ft. in  
high  $3\frac{1}{2}$  ft. base around post

N. B. T. 13 N. R. 31 E. G. + S. R. W.

Cham  
50.00

Set a post 24 ft. long 4 ins.  
square with marked Tom 12  
ins. in the post for Art's sees  
5-6-31-32 marked

T. 14 N. S. 32 on N. E.

R. 31 E. S. 5 on S. E.

T. 13 N. S. 6 on S. W. and

S. 31 on N. W. faces with 1 notch  
on W. and 5 notches on E. edges,  
dug pits 15 x 18 x 12 ins. in each

Sec. 5 1/2 ft. dia., and raised  
a mound of earth 2 ft. high 4 1/2  
ft. base around post.

Yana mountains

April 25 rat

Timber of Cedar

Vegetation of Bush grass

N. B. T. 13. N. R. 31 E. G + S. R. M.

Chains East on a true line between  
Sics. 5 and 32

1 at 13° 38' East

Discard

14.15 Cross low dry bar N. + S. + ascent

40.00 Set a Pond Stone 15 x 10 x 3 ins.

10 ins. in the pond for  $\frac{1}{4}$  Sec.

Cor. marked  $\frac{1}{4}$  on N. face, dug

pit. 18 x 18 x 12 ins. E + N. 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 along side.

80.00 Set a Pond Stone 24 x 18 x 5 ins

18 in the pond for Cor. to Pico

4-5-32 and 33 marked with

4 notches on E. edges, and 2 notches

on N. edges, dug pits 18 x 18 x 12

ins. in each Sic  $5\frac{1}{2}$  ft. dist



N. B. T. 13 N. R. 31 E. S. 5, R. W.

Thorns and raised a mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft. base alongside  
 Lower mountains  
 Soil 3<sup>rd</sup> rate  
 Timber of Cedar

~~~~~

East on a true line between Sies  
 H and 33

Var.  $13^{\circ}40'$  East

Ascend

40.00 Set a sound stem  $12 \times 8 \times 6$  ins.  
 8 ins. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on N. face, dug  
 pit  $18 \times 18 \times 12$  ins. E and N.  
 of stem  $5\frac{1}{2}$  ft. dist. & raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base alongside

N. B. J. 13. N. R. 3, E. G. + J. R. M.

Chain

74.00 Top of spur, trace N. E. and S. W.  
and descend

80.00 Set a sand stone 14 x 12 x 8 ins.

9 ins. in the front for Cor. to Sec.

3-4-33-34. marked with

3 notches on W. and 3 notches

on E. edges, dug pits 18 x 18 x 12

ins. in each Sec. 5 1/2 ft. dist.

and laid a mound of

earth 2 ft. high 4 1/2 ft. base

alongside

Low mountainous

Soil 3<sup>rd</sup> cat

Trunks of Cedar

Vegetation Bunchgrass



N. B. T. 13 N. R. 31 E. S. 4. + S. R. M.

Chains East on a true line between  
Sics. 3 and 34

Bar  $130^{\circ} 40'$  East

Descend

19.08 Intersect Boundary line bet.  
Arizona and New Mexico  
at a point which bears 13.35  
Chains North from the 168<sup>th</sup>  
mili. post, and

Set a sand stone  $12 \times 10 \times 10$  ins  
8 in in the front for Closing  
Cor. to Tps 13 and 14 N, R.

31 East marked

C. C. R. 31 E. on N.

T. 14 N. S. 34 on N.

T. 13 N. S. 3 on S. faces, with  
6 notches on N. S. and N. edges,  
dry pits  $24 \times 18 \times 12$  ins, 4 rows

N. B. T. 13 N. R. 31 E. G. + S. R. M

6 Chains on each line, N, S, and W,  
of stone 6 ft. dist. and  
raised a mound of earth  
2 1/2 ft. high 5 ft. base along side.

Land Mountainous

Soil 3<sup>rd</sup> rate

Timber of Cedar

July 13<sup>th</sup> 1882

General Description

E. B. T. 14 N. R. 30 E. G. + S. R. W.

Chains from the Cor. to Tps. 13 and 14  
N. R's. 30 + 31 E. which is a  
Sound stone set firmly in the  
front and mound of earth  
alongside, with pits marked  
with 6 notches on each edge,  
I run

North on a true line between  
Sections 31 and 36

Nov. 13' 54" Gosh

Ascend

- 15.87 Top of ridge bears N. 60° W.  
and S. 60° E. and descend
- 35.00 Lean timber bears E. + W.
- 40.00 Set a post 3 ft. long 3 ins. diam,  
with marked stone 12 ins. in  
the front for  $\frac{1}{4}$  Sec. Cor.  
marked  $\frac{1}{4}$  S. on W. face


E. B. J. 14 N. R. 30 E. G. + S. R. M.

Choirin dug pits 18 x 18 x 12 ins. N. + S.  
of post 5 1/2 ft. dia and  
raised a mound of earth  
1 1/2 ft. high, 3 1/2 ft. dia around  
post.

63.10 Cross mark 6 lks wide course  
S. 80° W. and ascend

80.00 Set a Basalt stone 10 x 10 x 8  
ins x ins. in the ground for  
Cor. to Secs. 25-30-31 + 36  
marked with 5 notches on N.  
and 1 notch on S. edges,  
dug pits 18 x 18 x 12 ins. in each  
Sec. 3 1/2 ft. dia and raised  
a mound of earth 2 ft. high  
4 1/2 ft. dia along side  
Loud mountains  
Soil 25 rat.

E. B. J. 14 N. R. 30 E. G. + S. R. M.

Trunks of Cedar  
 Vegetation of Bunch grass  


North on a true line between  
 Section 25 and 30.  
 Cor.  $13^{\circ} 48'$  each

Ascend

40.00 Set a Lava Stone, 3 in. dia.,  
 $14 \times 6 \times 6$  ins. 9 inches in  
 the ground for  $\frac{1}{4}$  sec. Cor. marked  
 $\frac{1}{4}$  on N. face, dug pits  
 $18 \times 18 \times 12$  ins. N. + S. of Stone  
 $5\frac{1}{2}$  ft. dia. and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base along side.

60.00 Erect timber beam E. + N.

E. B. J. 14 N, R. 30 E, G. + S. R. M.

Chorus

80.00 Set a post 4 ft. long 4 ins. square with marked stem 12 ins. in the ground for Cor to Sies. 19-24-25 & 30 marked  
 T. 14 N, S. 19 on N. E.  
 R. 31 E, S. 30 on S. E.  
 R. 30 E, S. 25 on S. W. and  
 S. 24 on N. W. faces with  
 4 notches on N. and 2 notches  
 on S. edges, dug pits 18x18x12  
 ins. in each S. 5 1/2 ft. dist  
 and raised a mound of  
 earth 2 ft. high 4 1/2 ft. base  
 around post  
 Sand Mountain  
 Soil 2<sup>nd</sup> cat.  
 Timber of Cedar  
 Vegetation of Bunchgrass



E. B. J. 14 N. R. 30 E. G. S. R. M.

chain North on a true line between  
Station 19 and 24

Var 130 521 East

Ascend

10.00 Set a post 3 ft. long 3 ins. diam.  
with marked stone 12 ins.

in the ground for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits 18 x 18 x 12  
ins. N. & S. of post 5  $\frac{1}{2}$  ft. dist.

and raised a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base around post.

20.00 Set a post 4 ft. long 4 ins. square  
with marked stone 12 ins. in the

ground for Cor to Sics. 13-18-19 & 24

Marked T. 14 N. S. 18 on N. E.

R. 31 E. S. 19 on S. E.

R. 30 E. S. 24 on S. N. and

S. 13 on N. N. faces with 3

E. B. J. 14 N. R. 30 E. G. & S. R. 6

Chain Notches on N. edges and  
3 Notches on S. edges.

dry 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 each.

Land rolling  
Soil 25 rate

Vegetation of Bunchgrass  
Stems of Cedar



E. B. T. 14 N. R. 30 E. G. & S. R. M.

Chains North on a true  
line between Sections  
13 and 18  
Var 130° 55' East  
across

40.00 Set a post 3 ft.  
long 3 ins. diam. with  
marked Star 12 ins.  
in the ground for 1/4  
Sec. Cr. marked 7/4  
S. on N. face, dug pits  
18 x 18 x 12 ins. N + S. of  
post 5 1/2 ft. dist.  
and raised a mound  
of earth 1 1/2 ft. high.  
3 1/2 ft. base around  
post.

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E. B. T. 14 N. R. 30 E. G. &amp; S. R. M

Chain

80.00

Set a post 4 ft. long  
4 ins. square with  
marked stone 12 ins. in  
the ground, for Cor &  
Sections 7-12-13 & 18  
Marked

T. 14 N. S. 7 on N.E.,  
R. 31 E. S. 18 on S.E.,  
R. 30 E. S. 13 on S. W. and  
S. 12 on N. W. faces  
with 2 notches on N.,  
and 4 notches on  
S. edges, dug pits  
18 x 18 x 12 ins. in  
each Sec 5 1/2 ft. dia.,  
and raised a mound

E. B. T. 14 N. R. 30 E. G. & S. R. M.

of earth 2 ft. high  
4 1/2 ft. base around  
post.

Land rolling

Soil 2<sup>5</sup> rate

Vegetation of Bunchgrass

Timber of Cedar

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C. B. T. 14 N. R. 30 E. G. & S. R. M.

North on a true line between  
Sections 7<sup>th</sup> and 12.

Va 14° 06' East

Ascend

40.00 Set a post 3 ft long 3 ins diam  
with marked Stone 13. ins in  
ground for  $\frac{1}{4}$  Sec Cor, Marked  
 $\frac{1}{4}$  S. on W face,

dug pits 18 x 18 x 12 ins N and S  
of post 5  $\frac{1}{2}$  ft dist, and raised  
a mound of earth 1  $\frac{1}{2}$  ft high  
3  $\frac{1}{2}$  ft base around post,  
from which

A Pine 8 ins diam bears N  
33° E. 45 lks dist; Marked  $\frac{1}{4}$  S. B. T.

A Pine 10 ins diam bears N 87°  
W. 103 lks dist. Marked  $\frac{1}{4}$  S. B. T.

52.50 Top of ridge bears N. E. and S. W.

E. B. J. 14 N. R. 30 E. G. 4 S. R. M.

Chains

and descend

80.00 Set a post 4 ft long, 4 ins square with marked stone 12 ins on the ground for Cor to Secs 1-6-7<sup>th</sup> and 12<sup>th</sup> Marked T. 14 N. S. 6. on N. E. R. 31. E. S. 7. on S. E. R. 30. E. S. 12 on S. W. and 1. on N. W. faces, with 5 notches on S. and 7 notches on N. edges: dug pits 18x18x12 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 Cedar 12 ins diam bears  
N. 30° E. 79 lks dist  
marked T. 14 N. R. 31 S. 6 B. J.

A Cedar 16 ins diam bears  
S 35° E 44 lks dist



E. B. Sp. N. R. 30 E. G. & S. R. M.

Chains

Marked T. 14 N. R. 31 E. S. 7. B. T.

A cedar 16 ins diam bears

S. 17° W. 91 lks dist

Marked T. 14 N. R. 30 E. S. 12. B. T.

A Pine 5 ins diam bears

N. 6° W. 20 lks dist

Marked T. 14 N. R. 30 E. S. 1 B. T.

Land mountainous

Timber of Pine and Cedar

Vegetation Bunchgrass

North on a true line between  
Sections 1<sup>st</sup> & 6

On 14° 00' East

Descend

40.00 Set a post 3 ft long, 3 ins diam  
with marked Stone 12 ins in

E. B. Sp 14 N. R. 30 E. G & S. R. M.

Chains

in the ground, for  $\frac{1}{4}$  Sec Cor.

Marked  $\frac{1}{4}$  S. on W. face

dug pits  $18 \times 18 \times 12$  ins N and S  
of post  $5\frac{1}{2}$  ft dist, and raised  
a mound of earth  $1\frac{1}{2}$  ft high  
 $3\frac{1}{2}$  ft base around post.

63.75 cross wash 12 ft wide, course  
S W. and ascend

80.00 Set a Sand Stone  $16 \times 16 \times 10$  ins,  
11 ins in the ground, for cor to Sp  
14<sup>th</sup> & 15<sup>th</sup> N. R<sup>s</sup> 30 and 31 E.

Marked with <sup>6</sup>notches on each  
edge, dug pits  $24 \times 18 \times 12$  ins  
at <sup>6</sup>corners on each line, N. S. E. and  
W. of stone 6 ft dist and raised  
a mound of earth  $2\frac{1}{2}$  ft high  
5 ft base alongside  
land rolling

E. B. Sp. 14 N. R. 30 E. G. & S. R. M.

Chains

Timber of Pine & Cedar

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass

I carefully examined the  
~~Solar~~ adjustments of my  
Solar Compass to day, particularly  
the latitude and reversing  
apparatus, and found them  
correct. July 14<sup>th</sup> 1882

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General description

N.B. Sp 14 N. R. 30 E. G. & S. R. M.  
Chains

Before proceeding further with  
the extensions of this Sp.

I made a change of 6 minutes  
in the latitude arc of my  
solar compass, by adding same,  
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 Sp 14 + 15 N  
R. 30. + 31 E <sup>just re-established</sup> I run west on  
a random line on N. B. of Sp

Var  $13^{\circ} 58'$  East

I set temporary corners at  
every half mile and at 5 miles  
77.57 chs. I arrive at a point  
38 lks south of cor to Sp 14.

N.B. Sp 14 N.R. 30 E. G. & S. R. M.

Chains

63

$\times 15^{\circ} N$ , R. 29 & 30 E, which  
is a post 4 ins square, marked  
T. 15<sup>o</sup> N. S. 31 on N. E. R. 30 E.

S. 6 on S. E. T. 14 N. S. 1 on S. W. and  
R. 29 E. S. 36 on N. W. faces.

with 6 notches on each edge,

with pits, 24 x 18 x 12 ins Cross-  
wire on each line, N. S. E. and

W. of post 6 ft dist, in mound  
of earth  $2\frac{1}{2}$  ft high 5 ft base

Thence I run

S  $89^{\circ} 57'$  E. on a true line between  
Sections 6 & 31

On  $14^{\circ} 13'$  East

Ascend

23.00 Top of Spur bears N & S and  
descend, allowing 43 chains

N. B. Sp. 14 N. R. 30 E. G. & S. R. M.

Chains

for convergency at  
 39.57 Set a post 3 ft long 3 ins diam  
 with marked stone 12 ins. in the  
 ground, for  $\frac{1}{4}$  Sec Cor, marked  
 $\frac{1}{4}$  S. on N. face. dug pits 18x18  
 x12 ins E & 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.

79.57 Set a Basalt Stone 8x8x8 ins  
 5 ins in the ground for Cor to  
 Secs 5-6-31<sup>nd</sup> 32 marked with  
 1 notch on N. and 5 notches  
 on E edges. dug pits 18x18x12  
 ins. in each Sec  $5\frac{1}{2}$  ft dist,  
 and raised a mound of  
 earth 2 ft high  $4\frac{1}{2}$  ft base  
 alongside.

N.B. Sp. 14 N. R. 30 E. G. & S. R. M.

Chains

Land rolling  
Soil 2<sup>nd</sup> rate  
Vegetation of Bunchgrass

S. 89° 57' E on a true line between  
sections 5 and 32

Wa 14° 10' East

Descend

10.00 N Bank of lake bears N and S  
and ascend

32.50 Enter timber, bears N and S.

37.00 Top of Ridge bears N and S and  
descend

40.00 Set a post 3 ft long 3 ins. dia  
with marked stone, 12 ins  
in the ground for  $\frac{1}{4}$  sec cor.  
marked  $\frac{1}{4}$  S. on N face, dug-

N. B. Sp 14 N. R. 30 E. S. 4 S. R. M.

Chains

40 pits 18x18x12 ins E<sup>2nd</sup> W of post  
5 1/2 ft dist, and raised a mound  
of earth 1 1/2 ft. high 3 1/2 ft base  
around post.

80.00 Set a post 4 ft long, 4 in square  
with marked stone 12 ins in  
the ground, for Corto Decs. 4-5  
32<sup>nd</sup> and 33. Marked T. 15-N. S. 33,  
on N. E. R. 30. E. S. 4 on S. E.,  
T. 14-N. S. 5 on S W<sup>2nd</sup> S. 32 on  
N W faces with 2 notches on  
W. and 4 notches on E. edges;  
dug pits 18x18x12 ins in each  
set, 5 1/2 ft dist, and raised  
a mound of earth 2 ft high  
4 1/2 ft base around post,  
from which a cedar 18 ins  
diam bears N 34. E. 53<sup>th</sup> the dist



N. B. Sp 14 N. R. 30 E. S. 4 S. R. M.

Chains

marked T. 15 N, R. 30 E, S. 33 B. T.

A cedar 24 ins, diam bears

S.  $71^{\circ}$  E 92 lbs dist

marked T. 14 N, R. 30 E, S. 4 B. T.

A cedar 16 ins diam, bears S.

$24^{\circ}$  W 8 lbs dist

marked T. 14 N, R. 30 E, S 5 B. T.

A cedar 12 ins diam bears N

$10^{\circ}$  W 19 lbs dist

marked T. 15, N, R. 30 E S. 32. B. T.

Land Mountainous

soil 2<sup>nd</sup> rate

Timber Cedar

Vegetation of Bunchgrass

N. B. Sp 14 N. R. 30 E. S. 7 S. R. M.

Chains

S.  $89^{\circ} 57' E$  on a true line between  
sections 4<sup>nd</sup> and 33.

Var  $14^{\circ} 05'$  East

Descend

40.00. Set a post 3 ft long 3 ins diam  
with marked stone 12 ins in  
the ground for  $\frac{1}{4}$  Sec Cor, marked  
 $\frac{1}{4}$  S on N face, dug pit 18 x 18 x 12  
ins, E<sup>nd</sup> 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

54.00 Leave timber, bears N<sup>nd</sup> S

80.00 Set a post 4 ft long 4 ins square  
with marked stone 12 ins in  
the ground for Cor to Secs. 3-4  
33 & 34. Marked T. 15. N. S. 34  
on N.E. R. 30 E. S 3  
on S.E. T. 14. N. S. 4 on S. N<sup>nd</sup> S

W. B. Sp. 14 N. R. 30 E. T. 4 S. R. M.

Chains

33 on NW<sub>4</sub> faces, with 3 notches  
on W, and 3 notches on E edges,  
dug pits 18x18x12 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 2<sup>nd</sup> rate

Vegetation of Bunchgrass  
Timber of cedar.

S. 89° 57' E. on a true line  
between sections 3 and 34

On 14° 15' East

Descend

14.50 Cross low sag, bears N<sup>2</sup>nd S  
and ascend

N. B. Sp. 14 N. R. 30 E. G. & S. R. M  
Chains

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

80.00 Set a post 4 ft long 4 ins square  
with Marked Stone 12 ins in  
the ground for Cor. to Secs 2-  
3-34<sup>2nd</sup> 35. Marked  
T. 15, N. S. 35 on N. E. R. 30 E.  
S. 2, on S. E. T. 14 N. S. 3, on S W  
and S 34, on N W faces, with 4  
notches on W. and 2 notches  
on E. edges:  
dug pits 18 x 18 x 12 ins, in each

N. B. Sp 14 N. R. 30 E. G. & S. R. W.

chains

Sec 5 $\frac{1}{2}$  ft dist, and raised  
a mound of earth 2 ft high  
4 $\frac{1}{2}$  ft base around post.

Land rolling

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass.

S. 89° 57' E on a true line between  
Sections 2 and 35

Va 14° 00' East

Ascend

2900 Center timber bears N and S and  
Leave Valley, bears N and S

4000 Set a post 3 ft long 3 ins. diam  
with marked stone 12 ins in  
the ground, for  $\frac{1}{4}$  Sec Cor, marked  
 $\frac{1}{4}$  S on N face, dug pits 18x18x12

N. B. Sp. 14 N. R. 30 E. S. 1 & S. R. M.

Chains

ins E<sup>nd</sup> W of post  $5\frac{1}{2}$  ft dist,  
and raised a mound of earth  
 $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base around post  
from which.

A cedar ~~12~~ ins diam bears S  $22^{\circ}$   
N. 19 lbs dist. Marked  $\frac{1}{4}$  S. B. J.

A cedar 10 ins diam bears N  
10 W. 13 lbs dist. Marked  $\frac{1}{4}$  S. B. J.

801.00 Set a post 4 ft long, 4 ins. square  
with marked stone 12 ins on the  
ground for cor to Secs 1-2-35 & 36  
Marked 7.15. N S. 36, on N. E. R  
30 E. S. 1, on S. E. 7.14 N S. 2 on  
S W and S. 35, on <sup>S</sup> W faces, with  
5 notches on W and 1 notch on  
E. edges, dug pits  $18 \times 18 \times 12$  ins  
in each Sec,  $5\frac{1}{2}$  ft dist., and  
raised a mound of earth

N. B. Sp 14 N. R. 30 E. G. & S. R. M.

Chains

2 ft high, 4 1/2 ft base around  
post

Land rolling

Soil 2<sup>nd</sup> rate

Vegetation of Bunch grass

Timber of Cedar

S. 89° 57' E, on a true line  
between sections 1<sup>st</sup> and 36

On 14° 05' East

Ascend

40.00

Set a post 3 ft long, 3 ins diam  
with marked stone, 12 ins in  
the ground for 1/4 Sec Cor.

marked 1/4 S. on N face.

dug pits 18 x 18 x 12 ins. E<sup>nd</sup> W

of post 5 1/2 ft dist. and raised

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N. B. Sp 14 N. R. 30 E. G. & S. R. M

Chinas

a mound of earth 1 1/2 ft high  
3 1/2 ft base around post,

55.00 Top of ridge bears NE and SW,  
and descend

80.00 The Cor to Tps. 14 + 15 N Rs 30 & 31 E.  
Land rolling

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass

General Description



N. B. Sp 14 N. R. 31 E. G. x S. R. M.

chains

From the corner <sup>just now</sup> ~~first~~ established  
I run

East on a true line between  
Sections 6, <sup>and</sup> 31

On  $13^{\circ} 58'$  East

Descend

- 31.00 Leave timber, bears N and S  
33.00 Enter Valley bears N. E. <sup>and</sup> S. W.  
34.00 Cross Wash 11 lks wide, Course 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 N face, dug pit 18x18x12  
ins E and W of post 5 ft dist, and  
raised a mound of earth  $1\frac{1}{2}$  ft  
high,  $3\frac{1}{2}$  ft base around post  
41.00 Cross Wash, 11 lks wide, Course  
S. W. and ascend.

N. B. Sp. 14 N. R. 31 E. G. S. R. M.

Chains

F

80.00 Set a Sand Stone  $14 \times 12 \times 8$  ins  
 9 ins in the ground for Cor to  
 Secs 5<sup>th</sup>-6-31<sup>nd</sup> 32. Marked with  
 1 notch on W. and 5 notches on  
 E. edges, dug pits  $18 \times 18 \times 12$  ins  
 in each Sec,  $5\frac{1}{2}$  ft dist, and  
 raised a mound of earth 2  
 ft high,  $4\frac{1}{2}$  ft base alongside.  
 Land rolling  
 Soil 3<sup>d</sup> rate

Vegetation of Bunchgrass  
 Timber of Cedar.

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

Var  $13^{\circ} 55'$  East

Ascend

N. B. Sp 14 N. R. 31 E. G. & S. R. M.

Chains

- 5,30 Leave Valley bears NE <sup>2nd</sup> & W  
and enter timber, bears N.E. <sup>2nd</sup> & S.W.
- 32,30 Top of divide, bears N.E. & S.W. and  
Descend
- 40,00 Set a sand stone 11x9x7 ins,  
7 ins in the ground, for 1/4 Dec  
Cor, marked 1/4 on N face, and  
raised a mound of stone  
alongside, fits impracticable
- +80,00 Set a post 4 ft long, 4 in diameter  
with marked stone, 12 ins in the  
ground for Cor to Decs 4-5-32+33  
Marked 7, 15, N S, 33 on N.E.,  
R 31 E. & 4 on S.E., 14 N S 5 on S.W.  
and S 32 on N.W. faces,  
with 2 notches on W. and 4 notches  
on E edges. dug pits 18x18x12 ins,  
in each Dec, 5 1/2 ft dist, and

N. B. Sp 14 N. R. 31 E. G. & S. R. M

Chains

raised a mound of earth 2 ft -  
xxx high, 4 1/2 ft base around post  
Land Mountainous

Soil 3<sup>d</sup> rate

Timber cedar

Vegetation of Bunchgrass,

xxx East on a true line between  
sections 4 and 33.

Va 14° 00' East

Descend

4000 Set a post 3 ft long, 3 ins diam  
with Marked Stone 12 ins in the  
ground for 1/4 Sec Cor. Marked 1/4 S  
on N face. Dug pits 15 x 15 x 12 ins  
E<sup>nd</sup> west of post 5 1/2 ft dist, and  
raised a mound of earth 1 1/2 ft

N. B. Sp 14 N. R. 30 E. G. & S. R. M.

Chains

high  $3\frac{1}{2}$  ft base around post  
 + 50,000. Set a post 4 ft long, 4 ins square  
 with marked stone, 12 ins in the  
 ground for cor to Secs 3-4-33 & 34  
 Marked, T. 15 N. S. 34 on N. E.  
 R. 31. E. S. 3 on S. E.  
 T. 14 N. S. 4. on S. W. and  
 S. 33 on N. W. faces, with  
 3 notches on N. and 3 notches on  
 E. edges; dug pits  $18 \times 18 \times 12$  ins  
 in each Sec,  $5\frac{1}{2}$  ft dist, and  
 raised a mound of earth  $3\frac{1}{2}$  ft high,  
 $4\frac{1}{2}$  ft base around post  
 Land hilly  
 Soil 2nd rate  
 Vegetation of Bunch grass,  
 Timber of Pine & Cedar

N.B. Sp 14 N.R. 31. C. G. & S. R. M.  
Chains

© Coast on a true line between  
Sections 3<sup>rd</sup> and 34  
Va 14° 00' East

Descend

19.65 Intersect Boundary line between  
Arizona<sup>nd</sup> and New Mexico at a  
point which bears 16.94 chs N  
from the 143<sup>rd</sup> Mile post, and  
set a post 4 $\frac{1}{4}$  ft long, 4 ins square  
with marked stone, 12 ins in the  
ground, for Closing Corner to Sp  
14 & 15 N, R<sup>31</sup> East, marked C. G.  
R<sup>31</sup> E. on W

Sp 15 N. S. 34 on N. and  
Sp 14 N S. 31 on S. faces with 6  
notches on N. S. & W. faces,  
dug pits 24 x 18 x 12 ins. Crosswise  
on each line, N. S. & W. of post

N. B. Sp 14. N. R. 31 E. G. & S. R. M.

chains

6 ft dist, and raised a mound  
of earth  $2\frac{1}{2}$  ft. high, 3 ft base  
around post, from which  
A Pine 25 ins diam, bears  
N.  $21^{\circ} 04' 46.30$  the distant  
Marked 7, 15 N. R. 31 E. S. 34. B. T.

Land Mountainous

Soil 2<sup>nd</sup> rate

Timber of Pine and Cedar

Vegetation of Bunchgrass,

July 15, 1882

General Description

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O. B. Sp 15 N. R. 30 E. S. x S. R. M.

Chains



E. B. Sp. 15 N. R. 30 E. G. & S. R. M.

chains

From the Cor to Sp 14 & 15 N. R. 30 & 31 E.  
just recently established I run -  
North on a true line between sections  
31 & 36

Va 13°. 58' East

Ascend

40.00 Set a Sand Stone 11x10x9 ins. 7  
ins in the ground, for 1/4 Sec Cor. marked  
1/4 on N face, dug pits 18x18x12 ins  
N<sup>th</sup> & S. of Stone 5 1/2 ft dist, and  
raised a mound of earth 1 1/2 ft high  
3 1/2 ft base alongside

47.00 Enter broken land, bears E. 2<sup>nd</sup> N

80.00 Set a Sand Stone 16x11x6 ins <sup>12 hrs</sup> in the  
ground for Cor to Secs, 25-30-31 & 36  
marked with 1 notch on S, and  
5 notches on N edges, dug pits  
18x18x12 ins in each Sec, 5 1/2 ft.

C. B. Sp 15 N. R. 30 C. G. & S. R. M

Chains

dist and raised a mound of  
earth 2 ft high, 4 1/2 ft base alongside  
Land rolling and Mountainous  
Soil 3<sup>d</sup> rate

Vegetation of Bunchgrass

North on a true line between  
Sections 25 and 30.

On 13° 53' East

Ascend

40.00 Set a Sand Stone 15 x 10 x 10 ins; 10  
ins. in the ground, for 1/4 Sec Cor  
Marked 1/4 on W face, dug pits  
18 x 18 x 12 ins N and S, of Stone  
5 1/2 ft dist, and raised a mound  
of earth 1 1/2 ft high, 3 1/2 ft base  
alongside

C. B. Sp 15 N. R. 30 C. G. & S. R. M.

chains

80.00 Set a Sand Stone, 18 x 18 x 3 ins,  
12 ins in the ground for core, to  
Secs. 19, 24-25 & 30. Marked with  
2 notches on S, and 4 notches  
on N 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 alongside  
Land Mountainous  
Soil 3<sup>rd</sup> rate

Timber of Cedar & Pine  
Vegetation of Bunchgrass

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

Va 14° 00' East

Ascend

C. B. Sp. 15 N. R. 30 C. G. & S. R. M.

Chains

40.00 Set a Sand Stone  $13 \times 12 \times 8$  ins, 9  
ins in the ground, for 1/4 Sec Cor  
Marked 1/4 on N. face, and raised  
a mound of stone alongside, pits  
impracticable

80.00 Set a Sand Stone  $16 \times 12 \times 4$  ins,  
11 ins in the ground for Cor to Secs  
13-18-19 & 24. Marked with 3 notches <sup>and</sup>  
and <sup>3 notches</sup> on N. edges, dug pits  $18 \times 18 \times 12$  ins,  
in each Sec.  $5\frac{1}{2}$  ft dist. and raised  
a mound of earth 2 ft high,  $4\frac{1}{2}$  ft  
base alongside

Land Mountainous

Soil 3d rate

Timber Cedar + Pine

Vegetation of Bunchgrass,

C. B. Sp. 15 N. R. 30 E. S. 4 S. R. M.

Chains

North on a true line between  
Sections 13<sup>and</sup> 18

Pa 14° 02' East

Ascend gradually

2,000 Edge of Mesa, bears N 30° E and  
S 30° W, and descend.

37,54 Cross Gulch 8 lks wide, Course S,  
85° W and ascend.

40,00 Set a Sand Stone 15 x 12 x 9 ins  
10 ins. in the ground, for  $\frac{1}{4}$  Sec  
Cor marked  $\frac{1}{4}$  on W. face.  
dug pits 18 x 18 x 18 ins E. and W.  
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

80,00 Set a Sand Stone 16 x 10 x 8 ins 11 ins  
in the ground for Cor to Secs. 7-12,  
13 & 18 marked with 4 notches

C. B. Sp. 15 N. R. 30 C. S. 7 S. R. M.

Chains

on 8 and 2 notches on Nedges  
and raised a mound of Stone  
alongside, Pits impracticable  
Sand rolling  
Soil 3<sup>d</sup> rate

Vegetation of Bunchgrass  
Timber of Cedar.

North on a tree line between  
Sections 7<sup>th</sup> and 12

Na 14° 03 East

Ascend

4000 Set a Sand Stone 14x14x10 ins  
pins in the ground, for 1/4 Sec  
Cor, marked 1/4 on N. face and  
raised a mound of Stone alongside  
Pits impracticable

C. B. Sp. 15 N. R. 30 E. S. & S. R. M.

chains

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

80.00 Set a sand stone 12 x 10 x 7 ins, 9 in  
in the ground for Cor to Secs

1-6-7 & 12, marked with  
5 notches on S, and 1 notch on  
N edges, dug pits, 18 x 18 x 12 ins  
in each Se 5 1/2 ft dist, and  
raised a mound of earth  
2 ft high 4 1/2 ft base alongside  
Land Mountains

Soil 3d rate.

Timber of Pine and Cedar  
Vegetation of Bunch grass.

E. B. Sp 15 N. R. 30 E. G. & S. R. M.

Chains

North on a true line  
between sections 1<sup>st</sup> and 6

N $\alpha$  13° 58' East

Descend

40.00 Set a post 3 ft long, 3 ins diam  
with marked stone, 12 ins in the  
ground for  $\frac{1}{4}$  Sec 6 on marked  $\frac{1}{4}$  S.  
on N face, dug pits 18 x 18 x 12 ins N  
and S of post  $5\frac{1}{2}$  ft dist, and  
raised a mound of earth  $1\frac{1}{2}$  ft  
high  $3\frac{1}{2}$  ft base around post

63.23 Cross wash, 8 ft wide, Course, S.  
76° W. and ascend

80.00 Set a post  $4\frac{1}{2}$  ft long 4 ins square,  
with marked stone, 12 ins in the  
ground, for Cor to Sp 15 & 16 N  
R<sup>s</sup> 30 & 31 E. Marked T. 14. N. 831  
on NE R 31. E. S. 6 on SE 7.



C. B. Sp 15 N. R. 30 E. G. & S. R. M.

chains

15 N. S. 1. on S. W. and  
R. 30 E. S 36 on N. W. faces  
with 6 notches on each edge,  
dug pits 24 x 18 x 12 ins <sup>cross</sup>  
-wise on each line, N. S. E. and  
W. of post 6 ft dist., and  
raised a mound of earth 2 1/2  
ft high 5 ft base, around post,  
Land Mountainous

Soil 2<sup>nd</sup> rate

Timber Cedar

Vegetation Bunchgrass,

I carefully examined the  
adjustments of my Solar compass  
today, particularly the latitude<sup>and</sup>  
reversing apparatus, and found  
them correct.

July 17, 1882.

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C. B. Sp 15 - N. R. 30 C. G. & S. R. M  
chains

General Description.

N. B. Sp 15 N. R. 30 E. G. + S. R. M.

huins

Before proceeding further with the  
exterior of this Sp, I made a change  
of 5 minutes on 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 Corner to Sp 15, 16 N  
R. 30 & 31 E just recently established  
I run west, on a random line  
on N. B. of Sp

Na 13° 58' East

I set temporary corners at every half  
mile, and at 59 miles 78,90 chs. I  
arrive at a point 320 lks south of  
Cor to Sp 15 & 16 N R. 29 & 30 E

N. B. Sp. 15 N. R. 30 E. G. & S. R. M.

Chain

which is a Basalt stone firmly set in the ground, and marked with 6 notches on each edge, with pits, 24 x 18 x 12 in. Cross-  
wise on each line, N. S. E. and W of stone 6 ft dist, and <sup>raised</sup> mound of earth 2 1/2 ft high, 5 ft base along side.

From Thena Drum  
S. 89° 37' E on a true line between  
Sections 2 & 31

On 14° 13' East  
over level land, allowing 1.10 cks for  
convergence, at

38.90 Set a Sand Stone 10 x 8 x 8 ins  
7 ins in the ground, for 1/4 Sec Cor.  
Marked 1/4 <sup>on</sup> N face, dug pits 18 x 18  
x 12 ins E & W of stone 3 1/2 ft dist.

N. B. Sp 15 N. R. 30 E. S. 4 S. R. M.

chain

78.90 and raised a mound of earth  
 1 1/2 ft high, 3 1/2 ft base alongside  
 Set a post 4 ft long 4 in square  
 with marked stone, 12 in on the  
 ground, for Cor to Secs 5-6-31 & 32  
 Marked 7.16 N. 8. 32, on N & E  
 R 30 E. S. 5, on S. E.

7.15 N. S. 6, on S. W. and

S. 31, on north West faces, with  
 1 notch on W and 5 notches on E, edges;  
 dug pits 18 x 18 x 12 in 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 Level

Soil 2<sup>nd</sup> rate

Vegetation of Bunchgrass,

N. B. Sp 15 N. R. 30 E. G. & S. R. M.

chains

S  $89^{\circ} 37' E$ . on a true line between  
sections 5 and 32

Va  $14^{\circ} 15'$  East  
over level land

- 19.70 Cross wash 15 lks wide  
course N.  $70^{\circ} W$ . and ascend.
- 40.00 Set a Sand Stone  $16 \times 12 \times 9$  ins  
11 ins in the ground, for  $\frac{1}{4}$  Sec Cor.  
Marked  $\frac{1}{4}$  on N. face. dug pit's  $18 \times 18$   
 $\times 12$  ins E and W 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
- 57.00 Top of Spur, bear N and S. and descend
- 67.30 Cross wash 20 lks wide course N  $50^{\circ} W$   
and ascend
- 80.00 Set a Sand Stone  $20 \times 12 \times 6$  ins  
15 ins in the ground for Cor

N. B. Sp 15-N. R. 30 E. G. S. R. M.

chains

to Secs 4-5-32<sup>nd</sup> and 33, marked  
with 2 notches, on W, and 4 notches  
on E-edges, dug pits 18x18x12  
ins. in each Sec 5 $\frac{1}{2}$  ft dist.

and raised a mound of earth  
2 ft high 4 $\frac{1}{2}$  ft base along side  
said rolling

Soil & rate

Vegetation of Bunchgrass,

N. B. G. 15 N. R. 30 E. G. & S. R. M.

Chains

S.  $89^{\circ}57'E$  on a true line between  
Sections 4<sup>th</sup> and 33

On  $14^{\circ}05'$  East,

Ascend

15.00 Foot of Mesa bears N and S  
and ascend

40.00 Set a Sand Stone  $14 \times 12 \times 10$  ins  
9 ins in the ground, for  $\frac{1}{4}$  Sec corner.  
Marked  $\frac{1}{4}$  on N face, dug pits  
 $18 \times 18 \times 12$  ins E and W 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

62.00 Mesa bears N. W and S. E. and descend

80.00 Set a Lava Stone  $12 \times 10 \times 6$  ins  
8 ins in the ground for corner Secs  
3-4-33 & 34 marked with 3 notches  
on W. and 3 notches on E. edges



N. B. Sp 15 N. R. 30 E. G. & S. R. M.

chain

dug pits 18x18x12 ins in each  
 Sec. 5 1/2 ft dist, and raised  
 a mound of earth, 2 ft. high  
 4 1/2 ft base, alongside  
 land rolling  
 Soil 2<sup>nd</sup> rate  
 Vegetation of Bunchgrass

S. 87° 37' E. on a true line between  
 sections 3 and 3 1/4

N 14° 05' East

Descend

38.40 Cross wash 3 links wide, course,  
 S. W. and ascend

40.00 Set a Sand Stone 12x10x7 ins  
 8 ins in the ground, for 1/4 Sec Cor.  
 Marked 1/4 on N face, dug pits 18x18x12

N.B. T. 15 N. R. 30 E. S. 1 & S. R. M.

Chain

ins. E<sup>nd</sup> & W. of Stone 5 1/2 ft dist; and raised a Mound of earth 1 1/2 ft high. 3 1/2 ft base along side.

68.50 Top of ridge, bears N and S, and descend  
80.00. Set a post 4 ft long. 4 ins square, with marked stone 12 ins. in the ground for cor to Secs 2-3-34 & 35. Marked T. 16. N. S. 35 on NE

R. 30. E. S. 2. on S.E. T. 15 N. S. 3 on S.W. and S. 34 on N.W. faces, with 4 notches on N and 2 notches on E. edges, dug pits 18x18x12 ins in each Sec, 5 1/2 ft. dist. and raised a Mound of earth 2 ft high 4 1/2 ft. base around post.

Land Mountainous

Soil 2<sup>nd</sup> rate

Vegetation of Buckelgrass.

N. B. Sp 15 N. R. 30. E. G. & S. R. M

chain  
chain

S.  $89^{\circ} 37'$  E. on a true  
line bet. secs. 2 & 35.

Var.  $14^{\circ} 00'$  E.

Descend

4000 Set a post 3 ft. long, 3 ins.  
dia. with marked stone  
12 ins. in the ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  S.  
on N face, dug pits 18x18  
& 12 ins. Ex gr. of post  $5\frac{1}{2}$  ft.  
dist. and raised a  
mound of earth  $11\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around  
post.

8000 Set a post 4 ft. long, 4 ins.  
square, with marked stone  
12 ins. in the ground for  
cor. to secs. 1, 2, 35 & 36.

N. B. L. 15 N. R. 30 E. S. 4 S. R. M.

Chains

marked S. 16 N. S. 36 on N. E.  
R. 30' E. S. 1 on S. E.

S. 15 N. S. 2 on S. W. and  
S. 35 on N. W. faces, with  
1 notch on E and 5 notches  
on W. edges. dug pits  
18 x 18 x 12 ins. in each  
sec. 57/2 ft. dist. and raised  
a mound of earth 2 ft. high.  
4' 1/2 ft. base around post.  
in low depression, br.

N 10° E. and S. 10° W.

land rolling.

Soil 2<sup>d</sup> rate

Vegetation of Puncturegrass.

S. 89° 37' E. on a true line

N. B. Tps. 15 N. R. 30 E. S. 8 S. R. M.

chain

bet. Secs. 1 & 36.

Var.  $14^{\circ}$  E.

Ascend

4000 Set a post 2 ft. long 3 ins. dia.  
with marked stake, 12 ins.  
in the ground for  $\frac{1}{4}$  sec cor.  
marked  $\frac{1}{4}$  S. on N. face,  
dug pits 18 x 18 x 12 ins. E & 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.

8000 The Cor. W. Tps 15-16 N.  
R. 30 x 31 E.

Land rolling

Soil 2<sup>d</sup> rate

Vegetation of Bunchgrass.

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C. B. Sp 14 N. R. 30 C. I. & S. R. M

N. B. T<sub>p</sub> 15 N. R. 31 E. G. & S. R. M.

Chain

From the cor. to Sps. 15 &  
16 N. Ps. 30 & 31 E. just  
now established from  
East on a true line bet.  
Secs. 6 & 31.

Var.  $13^{\circ} 58' E.$

Ascend

21.50 Top of Ridge bet N. Ex S. N.  
and descend

26.00 Head of Ravine course S.  
and ascend

40.00 Set a post 3 ft. long, 3 ins. dia.  
with marked stone, 12 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. on N. face, and  
raised a mound of stone  $\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base around  
post. Pits insignificant.

N. B. T<sup>y</sup>. 15<sup>th</sup> R. 31 E. G. & S. R. M.

chains

8000

Set a post 4 ft. long, 4 ins. sq,  
with marked stone, 12 in. to  
the ground, for cor. to Secs.

S. 6. 31 & 32. marked

S. 16 N. S. 32 on N. E.

R. 31 E. S. 5 on S. E.

S. 15 N. S. 6 on S. W. and

S. 31 on N. W. faces, with  
5 notches on E & 1 notch on

W. edges. dug pits 18 x 18 x 12  
ins. in each sec. 5/2 ft. dist.

and raised a mound of  
earth 2 ft high 4 1/2 ft. base  
around post.

hard mountainous

Soil 3<sup>d</sup> rate

Timber of cedar

Vegetation of bunch grass



N. B. <sup>40</sup> of 15 N. R. 31 E. G. ~~of~~ R. M.

chain

East on a true line, bet.  
secs. 31 & 32.

Var.  $13^{\circ} 54' E$

Ascend

24.00 Top of ridge brs N.  $80^{\circ} W$ .  
and S.  $80^{\circ} E$ . and descend

40.00 Set a post 3 ft. long, 3 ins.  
dia. with marked string 12  
ins. in the ground, for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  S. on N face  
dug pit  $18 \times 18 \times 12$  ins. E. W.  
of post  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $9\frac{1}{2}$  ft. base  
around post.

59.50 A house brs. S. 7.00 chs. dist.

64.14 Cross gulch 10 lbs wide corner  
S.  $70^{\circ} W$ . and ascend

368

N.B. Sp. 15 N. R. 31 E. G. &amp; S. R. M.

chains

80.00

Set a post 4 ft. long, 4 ins.  
sq. with marked stave,  
12 ins. in the ground, for  
cor. to Secs. 4, 5, 32 & 33  
marked S. 16 N. S. 33 on N. E.  
R. 31 E. 54. on S. E.

S. 15 N. S. 5 on S. W. and  
S. 32 on N. W. faces, with  
4 notches on E & 2 notches  
on W. edges, dug pits 18 x 18  
x 12 ins. in each sec. 5 1/2  
ft. dist. and raised a  
mound of earth 2 ft high  
4 1/2 ft. base around post.  
Land mountainous.

Soil 2<sup>d</sup> rate

Timber of cedar

Vegetation of bunchgrass.

N. B. Sp. 15 N. R. 31 E. S. 4 S. R. M.

chains

East on a true line, bet.  
secs. 4 & 33.

Var.  $13^{\circ}46'E$

Ascend

4000 Set a post 2 ft. long, 3 ins. sq.  
with marked stone, 12 ins.  
in the ground, for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  S. on N face,  
dug pits 18 + 18 + 12 ins. E & W  
of post. 5 ft. dist. and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
around post.

61.50 Top of spur to N. W & S. E.  
and descend.

8000 Set a sandstone 10 + 10 + 10 ins.  
4 ins. in the ground, for cor.  
to Secs. 3, 4, 33 & 34.

N.B. Sp 15 N. R. 31 C. G. & S. R. M.

chains

marked with 3 notches on  
E & W. edges, dug pits 18x18  
& 12 ins. in each sec. 5/8 ft. dist.  
and raised a mound of  
earth 2 ft. high 4 1/2 ft. base  
along side.

Land unmountainous.

Soil 2<sup>d</sup> rate

Timber of cedars.

Vegetation of bunch grass.

East on a true line, bet.  
secs. 3 & 34

Var. 13° 50' E.

Descend

11.30 Cross Wash, 4 lbs wide,  
course N. and ascend

N. B. Co. 15<sup>th</sup> N. R. 31 E. S. 4 S. R. 14.

chains

19.87

Intersect Boundary line  
bet. Arizona & New Mexico  
at a point which is 18.35  
chs N. from the 156<sup>th</sup>  
Mile post. and

Set a post 4' x 4" long, 4 in.  
square with marked stone,  
12 in. in the ground for  
closing cor. to Tps 15 & 16  
N. R. 31 E. marked b. c.  
R. 31 E. on W.

Tp 16 N. S. 34 on N. and  
Tp. 15 N. S. 3 on S. faces,  
with 6 notches on N. S. & W.  
faces, dug pits 24 x 18 x 12 in.  
crosswise in each line, N.  
S. & W. of post, 6 ft. dist. and  
raised a mound of earth

272

N. B. Sp 15 N. R. 31 E. G. 4 S. R. M.

chain

2 1/2 ft. high 5 ft. base,  
around post.

Land mountainous

Soil 3<sup>d</sup> rate

Timber of cedar

July 18. 1882.

U. S. Surveyor General's Office,  
Tucson, Arizona, Dec. 20., 1882

The foregoing Field Notes of the survey of

The Exterior Lines of Tps.

11. 12. 13. 14 & 15 N.R. 29 E.

and Tps. 12, 13, 14 & 15 North,

Ranges 30 & 31 East,

of the Gila and Salt River Base and Meridian, Arizona,  
executed by Milton Santee,

D. S., under his contract of the 29<sup>th</sup> day of  
April, 1882, having been critically ex-

amined and the necessary corrections and explanations  
made, the said Field Notes and the surveys they de-  
scribe, are hereby approved.

J. W. Robinson

Surveyor General.