

No-171

# Field Notes

OF THE SURVEY OF THE  
*SUBDIVISION LINES*

-OF-

Township 14 N Range 29 E

Gila and Salt River Base and Meridian

**ARIZONA.**

By Milton Santee D. S.

under contract dated Apr 29 1882

Survey commenced Aug 7<sup>th</sup> 1882

Survey completed Aug 12 1882

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Field - Notes

T 14 N. R. 29 E.

Gila and Salt River  
Meridian

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INDEX DIAGRAM.

Township 14 N.  
 Range 29 E.  
Gila and Salt River Meridian

6	110	5	81	4	62	3	48	2	23	1
108	106		80		60		41		21	
7	105	8	78	9	59	10	40	11	19	12
103	101		77		57		38		17	
18	99	17	75	16	55	15	37	14	16	13
98	96		74		53		35		14	
19	94	20	72	21	52	22	33	23	12	24
93	91		70		51		31		10	
30	89	29	69	28	49	27	29	26	8	25
88	86		67		48		28		6	
31	84	32	65	33	45	34	26	35	4	36

Gila and Salt River, Arizona.

ARIZONA.

Subdivisions T. 14 N. R. 29 E.

Gila and Salt River Meridian  
chains

Survey commenced Aug 7. 1882 with a Burt's Patent improved Solar Compass, nearly new, and in first rate order. Made by Otto Freund of Cassel Germany in 1881.

Before proceeding to subdivide this T<sup>p.</sup>, I made a change of 6 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

BOOK 71

S. 14 N. R. 29 E.

chains

From the Corner to Secs. 1.2.  
35 & 36 on the South boundary  
of township, which is a Flint  
Stone firmly set in the ground  
for cor. to Secs. 1.2. 35 & 36.  
marked with 5 notches on  
W and 1 notch on E. edges, with  
pits 18 x 18 x 12 ins. in each sec.  
5 1/2 ft. dist. and mound  
of earth 2 ft high 4 1/2 ft base  
alongside.

Thence I run

North bet. Secs. 35 &amp; 36

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

(As per observation with Solar Compass)

Descent

40.00 Set a post 3 ft long, 3 ins. diam.  
12 ins. in the ground, for 1/4 Sec.

S. 14 N. R. 29 E.

chains

Cor. marked  $\frac{1}{4}$  S. on N. face, dug pits,  $18 \times 18 \times 12$  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 post 4 ft. long 4 ins. sq. 12 ins. in the ground, for Cor. to Secs. 25. 26. 35 & 36 marked S. 14 N. S. 25. on N. E. S. 26. R. 29 E., S. 36 on S. E S. 35 on S. W. and S. 26 on N. W. faces, with 1 notch on S. and 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 around post.  
Land rolling

BOOK 171

N. 14 N. R. 29 E.

chain

Soil 2<sup>d</sup> rate.Vegetation Bunchgrass &  
Sagebrush.East on a random line bet.  
Secs. 25 & 36.Var.  $14^{\circ} 10' E.$ 

Ascend

40.00 Set temporary  $\frac{1}{4}$  Sec. cor.43.00 Top of ridge bears N. & S. and  
descend80.44 Intersect C. B. of Sp. 12 lbs S.  
of cor. to Secs 25, 30, 31 & 36.which is a Post, <sup>4 in square</sup> set firmly  
in mound of earthfor cor. to Secs. 25,  
30, 31 & 36. marked

S. 14 N. R. 29 E.

chains

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  
 5 notches on N. and 1 notch  
 on S. edges, with pits 18+18  
 x 12 ins. in each Sec.  $5\frac{1}{2}$  ft.  
 dist.

Thence I run

S.  $89^{\circ}55'$  W. on a true line,  
 bet. Secs. 25 + 36. with same va.

40.22 Set a post 8 ft. long, 3 ins. square  
 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  
 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

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BOOK 171

T. 14 N. R. 29 E.

chain

around post.

80.44 The corner to sections  
25, 26, 35 & 36.

Land mountainous

Soil 2<sup>d</sup> rate

Vegetation, Bunch grass  
and Sagebrush.

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North bet. Secs 25 & 26

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

Ascend

21.00 Enter timber, bears E and N.

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.

S. 14 N. R. 29 E.

Chains

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 in. square with marked steel 12 in. in the ground, for Cor. to Secs. 23, 24.

25 & 26 marked S. 14 N. S. 24 & 25 E.  
R. 29 E. S. 25 on S. E.

S. 26 on S. W. and S. 23 on N. W. faces, with 2 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 in., 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>d</sup> rate

T. 14 N. R. 29 E.

chains

Timber of Cedar  
Vegetation, Bunchgrass.

East on a random line, bet.  
Secs. 24 & 25.

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

Ascend

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

53.00 Top of Spur bet N. E. & S. W. and  
descend -

80.30 Intersect E. B. of Sp. 20 lks  
S. of cor. to secs. 19. 24. 25 & 30.  
which is a Post 4 ins. square  
set firmly in mound of  
earth, for cor. to Secs. 19. 24.  
25 & 30. marked -

T. 14 N. S. 19. on N. E.

S. 14 N. R. 29 E.

chains

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

R. 29 E. S. 25 on S. W. and  
S. 24 on N. W. faces, with 4  
notches on N. and 2 notches  
on S. edges, with pits 18+18+  
12 ins. in each Sec.  $5\frac{1}{2}$  ft.  
dist.

Thence I run

S.  $89^{\circ} 51'$  W. on a true line,  
bet. Secs. 24 + 25.

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

40.15 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+18+12 ins. E + W. of  
post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.

BOOK 171

S. 14 N. R. 29 E.

chains

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

80.30 The corner to secs. 23.24.25 &amp; 26

Land mountainous

Soil 2d rate

Number of cedar

Vegetation, Brushgrass.

North bet. Secs. 23 &amp; 24.

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

Ascend gradually

40.00 Set a post 4 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 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

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13  
S. 14 N. R. 29 E.

Chains

1 1/2 ft high, 3 1/2 ft. base around post.

80.00 Set a Lava stone 12 x 10 x 8 ins.

8 ins. in the ground for cor.

to Secs. 13, 14, 23 & 24 marked with 3 notches on S. and 1 notch on E. edges, dug pits 18 x 18 x 12 ins. in each sec.

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

Land rolling

Soil 2d rate

Timber of cedar

Vegetation Bunchgrass,  
Sagebrush.

BOOK 171

T. 14 N. R. 29 E.

Chain

East on a random line, bet.  
Secs 13 & 24.

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

Descend gradually

4000 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.12 Intersect E. B. of Sp. 6 lks  
N. of cor. to secs. 13, 18, 19 & 24  
which is a Post. 4 ins.

square, set firmly in mound  
of earth marked

T. 14 N. S. 18 on N. E.

R. 30 E. S. 19. on S. C.

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

S. 13. on N. W. faces with  
3 notches on N & S. edges,  
with pits  $18 \times 18 \times 12$  ins.

in each sec. 57 ft. dist.

Thence Iron.

T. 14 N. R. 29 E.

Chain

$89^{\circ} 57' W.$  on a true line,  
bet. Secs. 13 + 24

Var.  $14^{\circ} 30' E.$

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

80.12 True corner to Sections  
13, 14, 23 + 24.

Land rolling

Soil 3<sup>d</sup> rate

Timber of cedar

Vegetation Bunchgrass & sagebrush

BOOK 171

T. 14 N. R. 29 E.

chains

North bet. Secs. 13 &amp; 14

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

Ascend

25.85 Cross Wash 2000 wide, come  
S  $70^{\circ} W.$  and ascend40.00 Set a Sandstone  $12 \times 10 \times 10$  ins.  
8 ins. in the ground, for  $1/4$  sec.  
Cor. marked  $1/4$  on W. face,  
and raised a mound of  
stone alongside, Pit in-  
practicable, on top of ridge,  
bear E. & W. and descend.

53.00 Leave timber, bear E &amp; W.

70.00 Cross low Sag and ascend,

80.00 Set a post 4 ft. long, 4 ins. sq.  
with marked stone, 12 ins. in  
the ground for cor. to Secs.  
11, 12, 13 & 14. marked -

S. 14 N. R. 29 E.

chains

S. 14 N. S. 12 on N. E.

R. 29 E. S. 13 on S. E.

S. 14 on S. W. and

S. 11 on N. W. faces, with  
1 notch on E. and 4 notches  
on S. 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  
around post.

Land unimproved

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

Timber of cedar

Vegetation, Bunch grass.

East on a random line  
bet. Secs. 12 + 13.

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S. 14 N. R. 29 E.

chains

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

Ascend.

- 32.00 Enter timber, bears N+S.  
 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.88 Intersect E. B. of Tp. 18 lks S.  
 of cor. to Secs 7, 12, 13, & 18.  
 which is a Post 4 ins. square  
 set firmly in mound of  
 earth, marked -  
 N 14 N. S: 7 on N. E!  
 R. 30 E. S: 18 on S. E!  
 R. 29 E. S: 13 on S. W. and  
 S: 12 on Jr. W. faces, with  
 2 notches on E. and 4 notches  
 on S. edges, with pits  $18 \times 18 \times 12$   
 ins. in each sec.  $5\frac{1}{2}$  ft. dist.  
 Thence I run  
 S:  $89^{\circ} 52'$  W. on a true line.

S. 14 N. R. 29 E.

Chains  
 bet. Secs. 12 + 13. with some obs.  
 39.94 Set a Sandstone 14+12+10 ins.  
 given 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.

79.88 The corner to Section 11.12.  
 B. & 14.

Land rolling  
 Soil 3<sup>d</sup> rate  
 Timber of cedar  
 Vegetation, Bunchgrass.

North bet. Secs. 11 + 12  
 Var.  $14^{\circ} 10' E.$   
 Ascend

~~1000~~ 1771

T. 14 N. R. 29 E.

- |        |   |
|--------|---|
| chains |   |
| 10,000 | Enter timber bro E. & W.  |
| 4,000  | 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+18+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. |
| 8,000  | Set a post 4 ft. long 4 ins. sq. with marked stone, 12 ins. in the ground, for cor. to Secs. 1.2. 11+12. marked T. 14 N. S. 1 on N. E. R. 29 E. on S. 12 on S. E. S. 11 on S. W. and S. 2 on N. W. faces, with 1 notch on E. and 5 notches  |

S. 14 N. R 29 E.

chains

on S. edges, dug pits 18+18+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 2<sup>d</sup> rate

Timber of cedars

Vegetation Bunchgrass.

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East on a random line to  
Secs. 14-12

Var. 14° 10' E.

Descend

29.00 Cross low Sag and ascend  
40.00 Set temporary 1/4 Sec. Cor.  
46.00 Leave timber to N & S.

S. 14 N. R. 29 E.

chains

79.95 Intersect E. B. of Sp. 25 lbs  
S. of cor. to sec. 1. 6. 7 + 12.  
which is a Post. 4 in. sq.  
firmly set in mound of  
earth, 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 1  
notch on E. and 5 notches  
on S. edges, with pits 18 x 18  
x 12 in. in each sec. 5/8 ft.

dist. Hence I measure

S. 89° 49' W. on a true  
line bet. Secs. 1 + 12, with same va.

39.98 Set a sandstone 16 x 14 x 13 in.  
11 in. in the ground, for 1/4  
Sec. cor. marked 1/4 on N.

T. 14 N. R. 29 E.

chains

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

79.95. The corner to secs. 1.2.11 & 12.

Land selling

Soil 3<sup>d</sup> rate

Timber of cedar

Vegetation, Bunchgrass &

Sagebrush.

North on a random line,  
bet. Secs. 1 & 2.

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

Ascend gradually

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

80.16 Intersect N. B. of Sp. 18 lbs E!  
of cor. to secs. 1.2.35 & 36

S. 14 N. R. 29 E.

Chairs

which is a Sand stone set firmly in the ground, marked with 1 notch on E. and 5 notches on W. edge with pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and mound of earth 2 ft. high 4 1/2 ft. base alongside.

Thence I run

S 8' E. on a true line, bet. Secs. 1 & 2.

Var. 14° 05' E.

40.16 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 W. face, dug pits 18x18x12 ins. N & S. of post 5 1/2 ft. dist. and

N 74 N. R. 29 E.

chains

raised a mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base around post.  
from which a cedar 20 ins. dia.  
bears N.  $74^{\circ}$  E. 24 lbs. dist.  
marked  $\frac{1}{4}$  S. B. T.

a cedar 24 ins. dia. bears N.  $83^{\circ}$  W. 72 lbs dist.  
marked  $\frac{1}{4}$  S. B. T.

80.16 The corner to Secs. 1, 2, 11 & 12.

Land rolling

Soil 2<sup>d</sup> rate

Timber of cedar

Vegetation Bunchgrass

Sagebrush

Aug. 7. 1882.

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T. 14 N. R. 29 E.

chain

From the corner to Secs. 2, 3, 34 & 35. on South Boundary of the township. which is a Flintstone 12 + 8 + 8 in. 8 in. in the ground, marked with 2 notches on E. and 4 notches on W. edges, with pits 18 + 18 + 12 in. in each sec. 5 1/2 ft. dist. and mound of earth 2 ft high 4 1/2 ft. base alongside. Thence I run North bet. Secs. 34 & 35.

Var. 14° 15' E!

descend

40.00

Set a post 3 ft long, 3 in. dia. with marked stone 12 in. in the ground for 1/4 sec. Cor. marked 1/4 S. on W. face,

T. 14 N. R. 29 E.

chains

dug pits 18+18+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.

80.00 Set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins in the ground, for Cor. to Secs. 26-27. 34 & 35. marked -

T. 14 N. S. 26 on N. E.

R. 29 E. S. 35 on S. E.

S. 34 on S. W. and

S. 27 on N. W. faces, with 2 notches on E. and 1 notch on S. 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 around post.

BOOK 171

S. 14 N. R. 29 E.

chains

Land rolling  
 Soil 2d rate  
 Vegetation, Bushgrass,  
 Sagebrush.

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East on a random line, bet.  
 Secs. 26 & 35.

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

Descend

3.80 Cross Barizzo Wash 15 lbs wide,  
 course N.  $38^{\circ} W.$

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

80.22 Intersect N & S. line 40 lbs  
 N. of cor. to secs. 25, 26, 35 & 36  
 from which corner Iron  
 N.  $89^{\circ} 49' W.$  on a true line,  
 bet. Secs. 26 & 35.

S. 14 N. R. 29 E.

chains

Var. 14° 10' E.

40.11 Set a post 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor. marker,  $\frac{1}{4}$  S. on N. face, dug pits 18" x 18" 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.

80.22 The Corner to Secs. 26 & 27. 34 & 35.

Land rolling

Soil 2d rate

Timber of Cedar.

Vegetation Bunchgrass,

Sagebrush.

North bet. Secs. 26 & 27

Var. 14° 15' E.

S. 14 N. R. 29 E.

chains

Descend gradually

8.00 At house bears East 300 lbs dist.

9.50 Cross Barizzo Wash 15 lbs wide,  
corner N. W.

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

8.00 Set a post 4 ft. long, 4 ins. sq.  
with marked stone 12 ins. in  
the ground, for Cor. to Secs  
22. 23. 26 & 27 marked -  
S. 14 N. S. 23. on N. E.  
R. 29 E. S. 26 on S. E.

S. 14 N. R. 29 E.

chains

S. 27. on S. W. end,  
S. 22. on N. W. face, with  
2 notches on E & S. 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>d</sup> rate

Vegetation Bunchgrass &

Sagebrush.

East on a random line bet.  
Secs. 23 & 26.

Var. 14° 15' E.

Across Valley

6.00 Leave Valley bss N. 30° W.

S. 14 N. R. 29 E.

chains

4 S. 30° E. and ascend.

40.00 Set temporary 1/4 Sec. Cor.

50.00 Enter timber, hrs N + S.

80.01 Intersect N + S. line 18 lks N. of cor. to secs. 23.24.25 & 26 from which corner I run N. 89° 52' W. on a true line bet. Secs. 23 & 26

Var. 14° 15' E.

40.01 Set a post 3ft long 3 ins. dia. 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 + 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.

80.01 The corner to Secs. 22.23.26 & 27

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BOOK 171

T. 14 N. R. 29 E.

chain

Land rolling  
 Soil 2<sup>d</sup> rate  
 Timber of Cedar.  
 Vegetation Bunchgrass,  
 Sagebrush.

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North, bet. Secs 22 &amp; 23

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

Across Valley

4000 Set a post 3 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" 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.

N. 14 N. R. 29 E.

chains  
8000

Set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins in the ground, for Cor. to Secs. 14, 15, 22 + 23. marked -  
 N. 14 N. S. 14 on N. E.  
 R. 29 E. S. 23 on S. E.  
 S. 22 on S. W. and  
 S. 15. on N. W. faces, with 2 notches on E. and 3 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 level

Soil 2<sup>d</sup> rate

Vegetation, Bunch grass,  
 Sagebrush.

S. 14 N. R. 29 E.

Chain

East, on a random line, bet.  
Secs. 14 & 23.

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

Descend

17.10 Enter timber bet N & S.

29.00 Cross Wash 20 lks wide course  
S. W.

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

79.83 Intersect N & S. line 37 lks S.  
of cor. to secs. 13 & 14, 23 & 24  
from which corner, I run  
S.  $89^{\circ} 44' W.$  on a true line,  
bet. Secs. 14 & 23.

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

39.92 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 1/2

N. 14 N. R. 29 E.

chain

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.

79.83 The corner to Secs. 14 + 15. 22 + 23

Land rolling

Soil 3<sup>d</sup> rate

Timber of cedar

Vegetation Bunchgrass.

North between Secs. 14 + 15.

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

Along Valley

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

S. 14 N. R 29 E.

chains

dug pits 18+18+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.

55.60 Leave Valley Co E & W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for cor. to Secs. 10-11. 14+15. marked -

S. 14 N. S. 11 on N. E.

R 29 E. S. 14 on S. E.

S. 15 on S. W. and

S. 16 on N. W. faces, with 2 notches on E. + 4 notches on S. 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

N. 14 N. R. 29 E.

chains

around post.

~~55.60 Leave Valley bro E & N. and  
ascend.~~

~~80.00 Set a post 4 ft. long, 4 ins.  
square, with marked stone  
12 ins. in the ground, for cor.  
to Secs. 10-11, 14 & 15, marked  
N. 14 N. S. 11~~

Land rolling

Soil 2<sup>d</sup> rate

Vegetation, Bunch grass.

East on a random line  
bet. Secs. 11 & 14.

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

Ascend

40.00 Set temporary  $1/4$  Sec. cor.

S. 14 N. R. 29 E.

chains

- 79.92 Intersect N+S. line 28 lbs S.  
of Cor. to Secs. 11. 12. 13 & 14.  
from which corner I run  
S.  $89^{\circ} 48' W.$  on a true line  
bet. Secs. 11 & 14. with same ca.
- 39.96 Set a post 3 ft. long 3 ins. square  
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  
2 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.
- 79.92 The corner to Secs. 10. 11. 14 & 15.  
Land rolling  
Soil 2<sup>d</sup> rate  
Timber of Cedar  
Vegetation Bunchgrass & Legumes

N. 14 N. R. 29 E.

chains

North bet. Secs. 10 & 11

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

Ascend gradually

40.00 Set a post 2 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. & 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. wide around post.

80.00 Set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for Cor. to Secs 2, 3, 10 & 11. marked.

N. 14 N. S. 2. on N. E.

R. 29 E. S. 11 on S. E.

S. 10 on S. W. and

T. 14 N. R 29 E.

chains

S. 3 on N. W. face, with 2  
notches on E. and 5 notches  
on S. edge, 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 pits

Land rolling

Soil 3<sup>d</sup> rate

Timber of cedar

vegetation Bunchgrass,

Sagebrush.

East on a random line, bet.  
Secs. 2 + 11.

Var. 14° 10' E.

ascend gradually

4000 Set temporary 1/4 Sec. Cor.

BOOK 171

N. 14 N. R. 29 E. 3

chains

80.13 Intersect N+S. line 23 lks N.  
of cor. to secs. 1.2. 11+12 from  
which comes 2 mm  
N.  $89^{\circ} 58'$  W. on a true line  
between Secs. 2+11.

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

40.07 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  $18 \times 18 + 12$  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.

80.13 The corner to Secs 28. 10+11  
Land rolling.  
Soil 2<sup>d</sup> rate

S. 14 N. R. 29 E.

chains

Trunk of cedar.  
Vegetation Bunchgrass,  
Sagebrush.

---

North on a random line, bet.  
Secs. 2 & 3.

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

Ascend gradually

45.00 Set temporary  $1/4$  Sec. cor.

79.86 Intersect N. B. of Sp. 22 lbs N.  
of cor. to Secs. 2, 3, 34 & 35,  
which is a post 4 ins. sq. set  
firmly in mound of earth,  
marked

S. 15 N. S. 35. on N. E.

R. 29 E. S. 2 on S. E.

S. 14 N. S. 3 on S. W. and

S.

BOOK 171

S. 14 N. R. 29 E.

Chains

S. 34 on N. W. faces, with 2 notches on E. and 4 notches on W. edges, with pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist. thence I run

S  $9^\circ$  W. on a true line, bet. Secs. 2 & 3.

Var.  $14^\circ 10'$  E!

39.86 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 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.

49.86 The Cor. to Secs. 2, 3, 10 & 11. Land rolling.

T. 14 N. R. 29 E.

chain

Soil 3<sup>d</sup> rate

Vegetation, Bunchgrass,  
Sagebrush,

I carefully examined the  
adjustment of my Solar compass  
to day, particularly the latitude  
and reversing apparatus, and  
found them correct.

Aug. 8. 1882.

From the cor. to Secs. 3 & 4  
33 & 34 on the S. Boundary  
of township which is a  
post 4 ins. sq. set firmly in  
mound of earth, marked  
T. 14 N. S. 34 on N. E.  
R. 29 E. S. 3 on S. E.

## BOOK 171

T. 14 N. R. 29 E.

Chains

T. 13 N. S. 4 on S. W. and  
S. 33. on N. W. faces, with  
3 notches on E & W. edges, and  
pits 18x18x12 ins. in each  
sec. 5 1/2 ft. dist.

Thence down.

North bet. Secs. 33 &amp; 34

Var. 14° 20' E.

Ascend

3.50 Cross Road bet E & W, and  
ascend

40.00 Set a post 3 ft. long, 3 ins. dia.  
with marked stone 12 ins. in  
the ground, for 1/4 Sec. cor.  
marked 1/4 S. on W. face,  
dug pits 18x18x12 ins. N & S.  
of post 5 1/2 ft. dist. and  
raised a mound of earth

T. 14 N. R. 29 E.

chains

1 1/2 ft high, 3 1/2 ft. base around post.

43.00 Top of Ridge, brs E & W. and descend

8000 Set a Sandstone 10+10+10 ins.

7 ins. in the ground, for cor. to Secs. 28, 27, 33+34. worked with 3 notches on E! and 1 notch on S. 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, along side.

Land mountainous

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass & Sagebrush.

## BOOK 171

N. 14 N. R. 29 E.

chains

East, on a random line, bet  
Secs. 27 & 34.

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

Descend

4000 Set temporary  $\frac{1}{4}$  Sec. Cor.  
79.65 Intersect N & S. line 13 lbs S.  
of cor. to secs. 26, 27, 34 & 35.  
from which corner I run  
 $S 89^{\circ}54' W.$  on a true line,  
bet. Secs. 27 & 34

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

39.83 Set a Sandstone,  $10 \times 10 \times 6$  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.  
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

S. 14 N. R. 29 E.

chains

alongside,

79.65 The Cor. to secs. 27. 28. 33 + 34.

Land Rolling

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass &  
Sagebrush.

---

North bet. Secs. 27 + 28.

Cor. 14° 25' E!

Descend

4000 Set a Sandstone 12 + 8 + 6 ins.

8 ins. in the ground, for 1/4 sec.

Cor. marked 1/4 on N. face,

dug pits 18 + 18 + 12 ins. N + 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

T. 14 N. R. 29 E.

chains

68.00

utter Valley, <sup>to</sup> N. W. & S. E.

80.00

Set a Sandstone. 12 + 10 + 8 ins.

8 ins. in the ground, for cor.

to Secs. 21, 22, 27 + 28. marked with 2 notches on S. and 3 notches on E. 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.

Land level and rolling.

Soil 1st and 2d rate  
Vegetation, Bunchgrass &  
Sagebrush.

---

East on a random line, bet.  
Secs. 22 + 27.

S. 14 N. R. 29 E.

chains

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

Across Valley

11.20 Cross Barizzo Wash 15 lks wide,  
course N. W.

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

79.93 Intersect N & S. line 16 lks S.  
of cor. to secs. 22.23. 26 & 27  
from which corner I run  
 $S 89^{\circ} 53' W.$  on a true line  
bet. secs. 22. & 27

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

89.97 Set a Sandstone  $10 \times 8 \times 6$  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.  
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

BOOK 171

N. 14 N. R. 29 E.

Chains

along side.

79.93 The cor. to Secs. 21.22 + 27 + 28.

Land level

Soil 1st rate

Vegetation, Bunchgrass.

North bet. Secs. 21 + 22

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

Across Valley

9.60 Cross Carizzo Wash 15 lbs  
wide course N. W.40.00 Set a post 3ft. long 3 ins. sq.  
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 + 18 + 12 ins. N + S.  
of post,  $5\frac{1}{2}$  ft. dist. and

N. 14 N. R. 29 E.

chains

80.00 raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around pt. Set a Sandstone  $10 \times 10 \times 8$  ins. 7 ins. in the ground, for Cor. to Secs. 15, 16, 21 & 22, marked with 3 notches on E. & S. 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 1st rate. Vegetation, Bunchgrass.

East on a random line, bet. Secs. 15 & 22.

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

T. 14 N. R. 29 E.

chains

descend

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

79.99 Intersect N+S. line 30 lks S.  
of cor. to secs. 14. 15. 22 & 23.  
from which corner, run  
S 89° 47' W. on a true line  
between sections 15 & 22.

Var. 14° 10' E.

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 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.

79.99 The cor. to Secs. 15. 16. 21 & 22  
Land rolling

T. 14 N. R. 29 E.

chain

Soil 1<sup>st</sup> rate.  
Vegetation, Bunchgrass.

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North let. Secs. 15 & 16.

Var. 14° 15' E.

Ascend gradually

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 W. 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.

70.00 Cross Wash 10 lks wide, come  
S. W.

80.00 Set a post 4 ft. long, 4 ins. sq.

BOOK 171

S. 14 N. R. 29 E.

Chains

with marked stone 12 ins. in  
 the ground, for cor. to Secs.  
 9, 10, 15 & 16. marked  
 S. 14 N. S. 10 on N. E.  
 R. 29 E. S. 15 on S. E.  
 S. 16 on S. W. and  
 S. 9 on N. W. face, with  
 3 notches on E. and 4 notches  
 on S. 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 1st rate  
 Vegetation, Bunchgrass.

---

N. 14 N. R. 29 E.

chains

East on a random line, bet.  
Secs. 10 & 15.

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

Across Valley

10.90 Cross Wash 14 lbs wide course  
S. W.

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

79.81 Intersect N & S. line 22 lbs N.  
of cor. to Secs. 10, 11, 14 & 15, from  
which corner I run

N.  $89^{\circ} 51' W.$  on a true line  
bet. Secs. 10 & 15, with same var.

39.91 Set a post 2 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 x 18 x 12 ins. E & W of  
post 5/8 ft. dist. and

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T. 14 N. R. 29 E.

chain

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

79.81 The cor. to Secs. 9, 10, 15 & 16  
Land rolling & level  
Soil 1<sup>st</sup> and 2<sup>d</sup> rate.  
Vegetation, Bruchgrass.

North bet. Secs. 9 & 10.

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

Ascend,

14.00 Enter timber br N.  $60^{\circ}$  E.  
& S.  $60^{\circ}$  W.

38.00 Top of ridge br N. E & S. W. and  
descend,

40.00 Set a post 3 ft. long, 3 in. dia.  
with marked stone, 12 in.

S. 14 N. R. 29 E.

chains

in the ground, for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  S. on W. face  
 dug pits 18+18+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.

53.10 Cross Wash 14 lbs wide,  
 course S. W. and ascend,

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

3. 4. 9+10. marked

S. 14 N. S. 3 on N. E.

R 29 E. S. 10 on S. E.

S. 9 on S. W. and

S. 4 on N. W. face, with  
 3 notches on E. and 5  
 notches on S. edges, dug

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S. 14 N. R. 29 E.

chains

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 around post.

Land rolling.

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

Timber of cedar.

Vegetation, Bunchgrass,  
Sagebrush.

East on a random line  
bet. Secs. 9 & 10.

Var. 14° 05' E!

ascend

10.50 Top of ridge br N.E. & S.W.  
and descend

23.05 Cross Wash 14 lbs wide

T. 14 N. R. 29 E.

chains

course S. W. and ascend

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

65.00 Top of ridge bet N. E. & S. W. and descent.

79.46 Intersect N & S. line 38 lps S. of cor. to sec. 2, 3, 10 & 11. from which corner, run  $S 89^{\circ} 44' W.$  on a true line, bet. Secs. 3 & 10.

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

39.73 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.

BOOK 171

S. 14 N. R. 29 E. 3

chains

79.46 The Cor. to Secs. 3, 4, 9 & 10.  
 Land mountainous  
 Soil 3<sup>d</sup> rate  
 Vegetation, Bunchgrass &  
 Sagebrush.

---

North on a range line  
 bet. Secs. 3 & 4.

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

Ascend

B.40 Top of Ridge to N.  $70^{\circ} E$ .  
 & S.  $70^{\circ} W$ . and descend.

4000 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.97 Intersect N. B. of Tp. 30th  
 E. of cor. to Secs. 3, 4, 33 & 34  
 which is a post 4 ins. sq.  
 set firmly in mound of

S. 14 N. R. 29 E.

chain

earth, marked -

S. 15 N. S. 34. on N. E!

R. 29. E! S. 3. on S. E!

S. 14 N. S. 4. on S. W. and  
S. 33 on N. W. faces, with 3  
notches on E + W. edges and  
pits 18 + 18 + 12 ins. in each  
sec. 5 1/2 ft. dist.

Thence I run

S. 13' E! on a true line, bet.  
Secs. 3 + 4.

Var. 14° 10' E!

39.97 Set a post 3 ft. long, 3 ins. dia.  
with marked stone 12 ins. in the  
ground, for 1/4 Sec. Cor. marked  
1/4 S. on W. face dug pits 18 + 18 + 12  
ins. N. + S. of post 5 1/2 ft. dist.  
and raised a mound of earth

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S. 14 N. R 29 E.

chain

1 1/2 ft. high, 3 1/2 ft. base, around  
post.

49.97 The Cor. to Secs. 3, 4, 9 &amp; 10.

Land unimproved

Soil 2<sup>d</sup> rate

Timber of cedar

Vegetation Bunchgrass

Aug. 9. 1882.

T. 14 N. R. 29 E. continued

chain

From the corner to Secs.  
 4. 5. 32. & 33. on S. Bound-  
 ary of township, which is  
 a Post 4 ins sq. set firmly  
 in mound of earth, marked  
 T. 14 N. S. 33. on N. E.  
 R. 29 E. S. 4. on S. E.  
 T. 13. N. S. 5. on S. W. and  
 S. 32 on N. W. faces. with  
 4 notches on E. and 2 notches  
 on W. edges, with pits 18 1/2  
 ins. in each sec. 5 1/2 ft. dist.  
 Thence I run  
 North bet. Secs. 32 & 33.  
 Var. 14° 25' E.

Ascend.

5.50 Cross Road bet E. & W.  
 4.00 Set a post 3 ft. long, 3 ins. dia

BOOK 171

S. 14 N. R. 29 E.

chains

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.  
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 post 4 ft. long, 4 ins.  
sq. with marked stone 12  
ins. in the ground, for  
Cor. to Secs. 28. 29. 32 & 33.  
marked -

S. 14 N. S. 28. on N. E.

R. 29 E. S. 33 on S. E.

S. 32 on S. W. and

S. 29. on N. W. faces, with  
4 notches on E and 2

T. 14 N. R. 29 E.

chains

notch on W. 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  
 around post.

Land rolling

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass, &  
 Sagebrush.

East on a random line  
 bet. Secs. 28 + 33.

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

Descend

4000 Set temporary  $\frac{1}{4}$  Sec. cor.

80.13 Intersect N + S. line 14 lbs

S. of cor. to Secs. 27, 28, 33 + 34

BOOK 171

T. 14 N. R. 29 E.

Chains

from which corner I run  
S.  $89^{\circ} 54'$  W. on a true line,  
bet. Secs. 28. & 33.

Cor.  $14^{\circ} 25'$  E.

40.07 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  $18 \times 18 \times 12$  ins. E. & W.  
of post,  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base around  
post.

80.13 The corner to Secs. 28. 29.  
32 x 33.

Land rolling,

Soil 2<sup>d</sup> rateVegetation, Bunchgrass & Sagebrush.

S. 14 N. R. 29 E.

chains

North bet. Secs. 28 & 29.

Var.  $140^{\circ} 05' E!$

Descend

40.00 Set a post 3 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 W. face, dug pits  $18 \times 18 \times 2$  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 post 4 ft. long 4 ins. sq. with marked stone 12 ins. in the ground, for Cor. to Secs. 20, 25, 28 & 29. marked S. 14 N. S. 21 on N. E. R. 29 E. S. 28 on S. E. S. 29 on S. W. and

S. 14 N. R. 29 E.

Chains

S. 20 on N. W. faces. with 4 notches on E. and 2 notches on S. edges, dug pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earths 2 ft. high 4 1/2 ft. base around part.

Land rolling.

Soil 2d rate

Vegetation, Bunchgrass, Sagebrush.

East on a random line bet. Secs. 21 & 28.

Var. 14° 05' E!

Miscellaneous

4000 Set temporary 1/4 Sec. cor.

S. 14 N. R 29 E.

Chains

79.74 Intersect N+S. line 24 lks  
S. of cor. to Secs 21. 22. 27+28.  
from which cor. I run.  
S.  $89^{\circ}50'$  W. on a true line  
between sections 21+28.

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

39.87 Set apart 3ft. 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  $18 \times 18 \times 12$  ins. Ext 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.

79.74 The corner to Secs. 20. 21. 28+29.  
Land rolling  
Soil 2<sup>d</sup>. rate

T. 14 N. R. 29 E.

Chairs

Vegetation, Bunchgrass &  
Sagebrush.

---

North bet. Secs. 20. & 21

Cor.  $14^{\circ} 05' E$

Descend gradually

40.00 Set a post 3ft. long 3 ins. dia.  
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+18+12 ins. W.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.

49.00 Cross Barizzo Wash 15 lbs  
wide, course  $75^{\circ} W$ . and ascend

S. 14 N. R 29 E.

chains

8000

Set a post 4 ft. long, 4 ins. sq. with marked stone 12 ins. in the ground, for Cor. to Secs. 16. 17. 20 & 21 marked S. 14 N. S. 16 on N. E. R 29 E. S. 21 on S. E. S. 20 on S. W. and S. 17 on N. W. faces, with 4 notches on E. and 3 notches on S. 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 1st & 2d rate

Vegetation, Bunchgrass & Sagebrush

S. 14 N. R. 29 E.

Chains

East bet. Secs. 16 & 21.

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

Ascend gradually

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

79.66 Intersect N. & S. line 15 lks

N. of cor. to secs. 15, 16, 21 & 22

from which corner I run

N.  $89^{\circ}54' W.$  on a true line

bet. Secs. 16 & 21.

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

39.83 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  $18 \times 18 \times 12$  ins. E & W. of

post  $5\frac{1}{2}$  ft. dist. and

raised a mound of earth

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

T. 14 N. R 29 E.

Chains

around post,

79.66 The Cor. to Secs. 16, 17, 20 &amp; 21

Land rolling,

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass

Sagebrush.

North bet. Secs. 16 &amp; 17

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

over level land

40.00 Set a post 2 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  $18 \times 18 \times 12$  ins. N + S. of  
post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.

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S. 14 N. R. 29 E.

chains.

8000 high,  $3\frac{1}{2}$  ft. base around post  
 Set a post 4 ft. long, 4 ins. sq.  
 with marked stone 12 ins. in  
 the ground, for cor. to Secs.  
 8, 9, 16 & 17. marked  
 T. 14 N. S. 9. on N. E.  
 R. 29 E. S. 16 on S. E.  
 S. 17 on S. W. and  
 S. 8 on N. W. faces, with  
 4 notches on E & S. edges,  
 dug pits 18 x 18 x 12 ins. in  
 each sec.  $5\frac{1}{2}$  ft. dist. and  
 raised a mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft. base around  
 post.

Land level

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

Vegetation, Bunchgrass

T. 14 N. R. 29 E.

chains

Sagebrush.

East on a random line, bet.  
Secs. 9 & 16

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

over level land.

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

79.91 Intersect N & S. line 19 lks  
N. of cor. to secs. 9, 10, 15, & 16  
from which corner I run  
N.  $89^{\circ} 52' W.$  on a true line  
between Secs. 9 & 16

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

39.96 Set a post 3 ft. long 3 in. dia.  
with marked stone pins in  
the ground for  $\frac{1}{4}$  Sec. cor.  
marked  $\frac{1}{4} S.$  on N face,

N. 14 N. R. 29 E.

Chains

dug pits, 18x18x12 ins. E + 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.

79.91 The cor. to Secs. 8, 9, 16 + 17  
Land level

Soil 2<sup>d</sup> rate

Vegetation Bunchgrass.

North bet. Secs. 8 + 9.

Var. 14° 05' E!

Across Valley

4000 Set a Sandstone 14x6x6 ins.  
9 ins. in the ground, for 1/4 sec.  
cor. marked 1/4 on W. face,  
dug pits 18x18x12 ins. N + S.  
of stone 5 1/2 ft. dist. and

S. 14 N R 29 E.

chains

raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base alongside  
 8000 Set apart 4 ft. long, 4 in. sq.  
 with marked stone 12 in. in  
 the ground, for cor. to Secs.  
 4, 5, 8 & 9, marked  
 S. 14 N. S. 4. on N. E.  
 R. 29. E. S. 9. on S. E.  
 S. 8 on S. W. and  
 S. 5 on N. W. faces, with  
 4 notches on E and 5 notches  
 on S. edges, dug pits  $18 \times 18 \times 12$   
 ins. in each Sec.  $5\frac{1}{2}$  ft. dist.  
 and raised a mound of  
 earth 2 ft. high  $4\frac{1}{2}$  ft. base  
 around post.  
 Land level  
 Soil 2<sup>d</sup> rate

BOOK 171

T. 14 N. R 29 E.

chains

Vegetation, Bunchgrass.

East on a random line, bet.  
Secs. 4 + 9.Var.  $14^{\circ} 10' E$ 

Ascend gradually

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

80.02 Intersect N + S line 36 lbs

N. of cor. to secs. 3, 4, 9 + 10.

from which corner I run

N.  $89^{\circ} 47' W.$  on a true line

bet. Secs. 4 + 9.

Var.  $14^{\circ} 05' E$ 40.01 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

T. 14 N. R 29 E.

chains

dug pits 18+18x12 in. E + 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.

80.02 The Cor. to Secs. 4, 5, 8x9.

Land rolling.

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass.

North on a random line  
bet. Secs. 4 + 5.

Var. 14° 10' E!

Ascend gradually

40.00 Set temporary 1/4 sec. cor.

79.68 Intersect N. B. of Sp. 24 lbs

E. of cor. to Secs. 4, 5, 32x33.  
which is a post 4 in. square.

N. 14 N. R. 29 E.

chains

firmly set in mound of  
earth, marked

T. 15 N. S. 33. on N. E.

R. 29 E. S. 4. on S. E.

T. 14 N. S. 5. on S. W. and  
S. 32 on N. W. faces. with  
4 notches on E. and 2 notches  
on W. edges. and pits 18x18x12  
ins. in each sec. 5 1/2 ft. dist.  
Thence I run

S 10' E! on a true line bet.

Secs. 4 + 5.

Var. 14° 05' E!

39.68 Set a post 3 ft. long, 3 ins. dia.  
with marked stone 12 ins. in  
the ground, for 1/4 Sec. cor.  
marked 1/4 S. on W. face, dug  
pits 18x18x12 ins. N + S. of

N. 14 N. R 29 E.

Chains

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.

79.68 The Corner to Secs. 4, 5, 8 & 9.  
Land rolling.

Soil 2<sup>d</sup> rate

Vegetation, Bunch grass

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

Aug. 10. 1882

## BOOK 171

S. 14 N. R 29 E.

chain

From the corner to Secs.  
5.6. 31 & 32, on S. Boundary  
of township, which is a post  
4 in. sq. set firmly in mound  
of earth, marked

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

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

S. 13 N. S. 6 on S. W. and

S. 31 on N. W. faces, with  
5 notches on E. and 1 notch  
on W. edges, and pits 18 x 18 x 12  
in. in each sec. 5 1/2 ft. dist.

Thence I run

North bet. Secs. 31 & 32.

Var.  $14^{\circ} 25' E!$

Descend gradually

28.00 Cross Road, to N.  $60^{\circ} W.$   
and S.  $60^{\circ} E!$

S. 14 N. R. 29 E.

Chains

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 W. face, dug pits 18+18+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 post 4 ft. long, 4 ins. sq. with marked stone, 12 ins. in the ground, for Cor. to Secs. 29. 30. 31 + 32, marked

S. 14 N. S. 29 on N. E.

R. 29 E. S. 32 on S. E.

S. 31 on S. W. and

S. 30 on N. W. face, with 5 notches on E. and 1 notch on S. edge, dug pits 18+18+12

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S. 14 N. R. 29 E.

chain

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>d</sup> rate.

Vegetation, Bunchgrass &  
Sagebrush.

East on a random line  
bet. Secs. 29 + 32.

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

Ascend gradually

16.00 Enter timber, br N &amp; S.

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

79.55 Intersect N &amp; S. line 17 lbs

N. of cor. to Secs. 28. 29. 32 + 33

T. 14 N. R. 29 E.

chains

from which comes, Iron  
N.  $89^{\circ} 53'$  W. on a true line bet.  
Secs. 29 & 32.

Var.  $14^{\circ} 05'$  E!

39.78 Set a post 3ft long, 3ins. dia.  
with marked stone, 12ins. in  
the ground, for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits, 18" x 18" x 2"  
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.

39.55 The Cor. to Secs. 29, 30, 31 & 32

Land rolling.

Soil 3<sup>d</sup> rate

Vegetation, Bunch grass &amp;

Sagebrush

Dwarf Cedar.

## BOOK 171

N. 14 N. R. 29 E.

chains

West, on a random line,  
bet. Secs. 30 & 31.

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

Over rolling land

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.  
83.90 Intersect W. B. of Sp. 10 lks  
N. of cor. to Secs. 25, 30, 31 & 36  
which is a post in earth  
mound with pits established  
as per instructions of the old  
Manual, thence I run  
 $N 89^{\circ} 56' E.$  on a true line, bet.  
Secs. 30 & 31.

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

43.90 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 1/2

N 14 N. R. 29 E.

chains

ins. E & 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.

83.90 The corner to Sections 29.30  
31 & 32.

Land rolling  
Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass &  
Sagebrush.

North bet. Secs. 29 & 30.

Var. 14° 20' E.

Ascend

20.00 Enter timber, br E & W.

40.00 Set a post 3 ft. long, 3 ins. dia.  
with marked Stone 12 ins. in

S. 14 N. R. 29 E.

chains,

the ground, for  $\frac{1}{4}$  Sec. cor.  
marked  $\frac{1}{4}$  S. on W. face, dug  
pits 18+18+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 post 4 ft. long, 4 ins. sq.  
with marked stone 12 ins. in  
the ground, for cor. to Secs.  
19. 20. 29. 30. marked

S. 14 N. S. 20 on N. E.

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

S. 30 on S. W. and

S. 19 on N. W. face, with  
5 notches on E. and 2 notches  
on S. edges. dug pits 18+18+12  
ins. in each sec.  $5\frac{1}{2}$  ft. dist.  
and raised a mound of

T. 14 N. R. 29 E.

Chairs

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

Land rolling

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass,  
Sagebrush.

East, on a random line,  
bet. Secs. 20 + 29.

Cor. 14° 10' E.

Descend gradually

40.00 Set temporary 1/4 Sec. Cor.

46.00 Leave timber, hrs N & S.

79.93 Intersect N & S line 17 lbs N.  
of cor. to secs. 20, 21, 28, & 29.

from which Cor. I run  
N. 89° 53' W. on a true line

## BOOK 171

N. 14 N. R. 29 E.

Chains

bet Secs. 20 &amp; 29.

Var. 14° 05' E.

39.97 Set a post 3ft long, 3ins. dia. with marked stone 12ins. in the ground, for 1/4 Sec. cor. marked 1/4 S. on N. face, dug pits 18" x 18" ins. Ex 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.

79.93 The corners to Secs. 19.20. 29 & 30.  
 hand rolling  
 Soil 2d. rate  
 Vegetation, Bunchgrass,  
 Sagebrush.

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T. 14 N. R. 29 E.

chains

West on a random line  
bet. Secs. 19 + 30.

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

Ascend

6.00 Leave timber, bro N & S.

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

84.58 Intersect W. B. of Sp. 50 lbs  
N. of cor. to secs. 19. 24. 25 + 30.

which is a Post in earth  
mound with pits established  
as per instructions of old  
manual

Thence I run

N  $89^{\circ} 39' E.$  on a true line,  
bet. Secs. 19 + 30.

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

44.58 Set a post 3 ft. long, 3 ins. sq.  
with marked stone, 12 ins.

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T. 14 N. R. 29 E.

chains

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.

84.58 The corner to Secs. 19.20. 29+30.

Sand rolling

Soil 2<sup>d</sup> rate

Vegetation, bunch grasses,

Sagebrush.

North bet. Secs. 19+20

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

Over level land

4000 Set a post, 3 ft. long, 3 ins dia  
with marked stone 12 ins. in

T. 14 N. R. 29 E.

chains

the ground, for  $\frac{1}{4}$  Sec. cor.  
marked  $\frac{1}{4}$  S. on W. face, dug  
pits 18 + 18 + 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.

62.00

Cross Wash 20 lks wide, course  
West.

80.00

Set a post 4 ft. long, 4 ins. sq.  
with marked star 12 ins. in  
the ground, for cor. to Secs.  
17, 18, 19 + 20. marked

T. 14 N. S. 17 on N. E.

R. 29 E. S. 20 on S. E.

S. 19 on S. W. and

S. 18 on N. W. faces.

with 5 notches on E and 3  
notches on S. edges, dug

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T. 14 N. R. 29 E.

chains

pits 18x18x12 ins. in each  
 Secs. 5 1/2 ft. dist. and raised  
 a mound of earth 2 ft. high,  
 4 1/2 ft. base around post.  
 Land level

Soil 2d rate

Vegetation, Bunch grass  
 & Sagebrush.

East on a random line  
 bet. Secs 17 & 20

Var. 14° 10' E.

over level land

40.00 Set temporary 1/4 Sec. cor.

80.22 Intersect N &amp; S. line 12 lks

S. of cor. to Secs. 16.17.20.21

from which cor. I run

S. 14 N. R 29 E.

Chains

S.  $89^{\circ}55' W.$  on a true line,  
bet. Secs. 17 + 20.

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

40.11 Set a post 3ft. long, 3 ins. dia.  
with marked start, 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.

80.22 The corner to Secs 17. 18. 19 + 20  
Land level  
Soil 2d rate  
Vegetation, Bunch grass,  
& Sagebrush.

N. 14 N. R. 29 E.

chains

West on a random line,  
bet. Secs. 18 & 19.

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

Poor level land

40.00 Set temporary  $\frac{1}{4}$  Sec. cor.  
85.28 Intersect W. B. of Sp. Golks  
N. of cor. to Secs. 13, 18, 19 & 24  
which was a post in earth  
mound and pits, constructed  
as per instructions of the old  
manual.

Thence I run

N.  $89^{\circ} 47' E$ . on a true line,  
bet. Secs. 18 & 19.

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

45.28 Set a Sandstone  $10 \times 8 \times 6$  ins.  
7 ins. in the ground, for  $\frac{1}{4}$   
Sec. cor., marked  $\frac{1}{4}$  on N.

T. 14 N. R. 29 E.

chains

face, dug pits 18+18+12 ins  
E & W. of stone  $5\frac{1}{2}$  ft. dist.  
and raised a mound of earth  
 $1\frac{1}{2}$  ft. high,  $2\frac{1}{2}$  ft. base alongside  
85.28 The Corner to Secs. 17. 18. 19+20  
Land level

Soil 2<sup>d</sup> rate

Vegetation, Bunchgrass &  
Sagebrush.

North bet. Secs. 17 & 18

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

Ascend gradually

40.00 Set a post 2 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 W. face,

N 14 N. R. 29 E

chains

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.

8000 Set a post 4 ft. long, 4 ins. sq.  
with marked stone pins in  
the ground, for Cor. D Secs.  
7. 8. 17 & 18 marked  
N. 14 N. S. 8. on N. E.  
R. 29 E. S. 17 on S. E.  
S. 18 on S. W. and  
S. 7 on N. W. faces, with  
5 notches on E, & 4 notches  
on S. 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

N. 14 N. R 29 E.

chains

around post.  
Land rolling  
Soil 2d rate  
Vegetation Bunchgrass,  
Sagebrush  
Aug 11. 1882.

East on a random line, bet.  
Secs. 8 & 17.

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

Ascend gradually

- 3.00 Enter timber, br. N.W & S.E.  
4.00 Set temporary  $\frac{1}{4}$  Sec. cor.  
50.00 Top of spur br. N. E. & S.W.  
and descend  
56.00 Enter valley br N. E. and S.W.  
74.20 Cross Wash 200ks. wide, corse

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N. 14 N. R 29 E. ↘

chains

S. and ascend.

79.85 Intersect N.S. line rocks  
 S. of cor. to Secs. 8. 9. 16+17  
 from which cor. I run  
 S.  $89^{\circ} 51' W.$  on a true line  
 bet. Secs. 8 + 17.

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

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

79.85 The Corner to Secs. 7. 8. 17+18  
 Land mountainous & level  
 Soil 2<sup>d</sup> rate  
 Timber of cedars  
 Vegetation, Runchgrass &  
Sagebrush

S. 14 N. R 29 E.

chain

West. on a random line,  
bet. Secs. 7 + 18.

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

descend gradually

40.00 Set temporary  $1/4$  Sec. Cor.

85.40 Intersect W. B. of Sp. 50 Ch. N.  
of cor. to secs. 7. 12. 13 + 18.

which is a Post 4 in sq. set  
firmly in mound of earth  
marked,

S. 14 S. 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  
2 notches on N. + 4 notches  
on S. edges, and pits 18 + 18 + 12  
ins. in each sec.  $5/8$  ft. dist.  
Thence I mu.

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S. 14 N. R. 29 E.

chains

N.  $89^{\circ} 39'$  E. on a true line,  
bet. Secs. 7 & 18.Var.  $14^{\circ} 10'$  East

45.40 Set a Sandstone  $12 \times 10 \times 7$   
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. 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.

85.40 The Cor. to Secs. 7. 8.  $17 \times 18$   
Land rolling  
Soil 2<sup>d</sup> rate  
Vegetation, PUNCHGRASS  
Sagebrush.

EX. 171

T. 14 N. R. 29 E.

chains

North bet. Secs. 7 & 8.

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

Ascend gradually

40.00 Set a Sandstone  $12 \times 10 \times 5$  ins. 8 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 & 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 Sandstone  $13 \times 9 \times 6$  ins. 9 ins. in the ground for cor. to Secs. 5, 6, 7 & 8. marked with 5 notches on E & S. 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.

BOOK 171

S. 14 N. R. 29 E.

Chains

Land rolling

Soil 2<sup>d</sup> rateVegetation, Bunchgrass,  
Sagebrush.East on a random line bet.  
Secs. 5 & 8.Var.  $14^{\circ}10' E$ 

Across Valley

15.70 Cross Wash, 15 lks wide, course  
S. and ascend

20.00 Leave Valley br N &amp; S. and ascend,

27.00 Enter timber, br N &amp; S.

30.00 Popofridge, br N. E & S. W. and  
descend

40.00 Set temporary 1/4 sec. cor.

80.18 Intersect N &amp; S line, 12 lks

S. 14 N. R. 29 E.

chains

N. of cor. to Secs. 4, 5, 8 & 9  
from which corner, run  
N.  $89^{\circ} 55'$  W. on a true line  
bet. sections 5 & 8.

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

40.09 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  $18 \times 18 \times 12$  ins. E & W. of  
post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base around  
post.

80.18 The corner to Secs. 5, 6, 7 & 8.  
Land level & unmountainous  
Soil 2d rate  
Timber of cedars

N. 14 N. R. 29 E.

chain

Vegetation, ~~Ranch~~ grass &  
Sagebrush.

West, on a random line,  
bet. Secs. 6 & 7.

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

Ascend

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

53.20 Cross Road, from St. Margaret  
to St. Johns bn. N & S.

86.05 Intersect W. B. of Sp. 76 lks

N. of cor. to sec. 16. 7 & 12

which is a post, set in earth  
<sup>4 lks. sp.</sup>  
marked

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

R. 29 E. S. 7. on S. E.

R. 28 E. S. 12 on S. W. and

S. 14 N. R. 29 E.

chains

S. 1 on N. W. faces, with 1 notch  
on R and 5 notches on S edges  
and pits  $18 \times 18 \times 12$  ins. in each  
sec.  $5\frac{1}{2}$  ft. dist.

Thence I run

N  $89^\circ 27'$  E. on a true line,  
bet. Secs. 6 & 7.

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

46.05 Set a Sandstone  $12 \times 8 \times 7$   
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 & 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.

86.05 The corner to secs. 5, 6, 7 & 8.  
Land rolling

## BOOK 171

T. 14 N. R. 29 E.

chains

Soil 3<sup>d</sup> rate  
 Timber of cedar  
 Vegetation, bunch grass.

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North on a random line,  
 bet. Secs. 5 & 6.

Var. 14° 10' E.

Ascend

5.00 Top of Spur, to Ex N. and  
 descend

10.15 Cross Wash 100 ft wide, cross  
 S. W. and ascend,

40.00 Set temporary 1/4 sec. cor.

67.09 Cross Road, from T. Wingate  
 to St. John's to N. E. & S. W.

79.38 Intersect N. B. of Sp. 13 lbs  
 N. of cor. to secs. 5.6. 31 & 32

N. 14 N. R 29 E.

chains

which is a post 4 ins. sq.  
set in mound of earth, marked  
N. 15 N. S. 32 on N. E.  
R. 29 E. S. 5. on S. E.  
N. 14 N. S. 6. on S. W. and  
S. 31 on N. W. faces, with  
5 notches on E x 1 notch on  
W. edges, and pits 18 x 18 x 12  
ins. in each sec. 5 1/2 ft. dist.  
Thence I run,

S 6' W. on a true line,  
bet. Secs. 5 & 6.

Var. 14° 15' E'

39.38 Set a Sandstone 10 x 8 x 6 ins.  
7 ins. in the ground, for 1/4  
sec. Cor. marked 1/4 on W. face  
dug pits 18 x 18 x 12 ins. N & S.  
of stone 5 1/2 ft. dist. and

S. 14 N. R 29 E.

chains

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

79.38 The cor. to Secs. 5, 6, 7 & 8.

Land mountainous

Soil 3<sup>d</sup> rate

Timber of cedar

Vegetation, Bunchgrass &  
Sagebrush

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

Aug. 12, 1882.

T. 14 N. R. 29 E.

### General Description

T. 14 N. R. 29 E. contains some mountainous land but its general character is rolling and level. In the valleys the soil is 1<sup>st</sup> and 2<sup>d</sup> rate, and elsewhere 2<sup>d</sup> & 3<sup>d</sup> rate.

It contains some cedar, and is covered with a vegetation of bunchgrass and Sagebrush, a considerable portion of the land is valuable for grazing purposes. A number of Washes traverse the Sp. principal among which is the Carizzo Wash which

BOOK 171

S. 14 N. R. 29 E.

crosses the Southern part  
in a N. Westerly direction.  
The Port Wingate and  
St John's Road crosses the  
north-western part of  
the Tp.

Macedonio Bordeaux has a  
house and out buildings  
and about 40 acres inclosed  
and cultivated in Sec. 26.  
which is valued at over  
five hundred dollars.

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U. S. Surveyor General's Office,  
Tucson, Arizona, Dec. 20, 1882

The foregoing Field Notes of the survey of

Subdivision Lines  
of Township 14 North,  
Range 29 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. M. Robbins  
Surveyor General.