

No-75-

7-136

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# Field Notes

OF THE SURVEY OF THE

*SUBDIVISION LINES*

-OF-

Township *10 N.* Range *31 E<sup>r</sup>*

*Gila and Salt River Base and Meridian*

**ARIZONA.**

By *A. P. Johnson* D. S.

under contract dated *June 8* 1882.

Survey commenced *Aug 25* 1882.

Survey completed *Aug 29* 1882.

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Subdivision Lines.  
N. 10 W. R. 31 E.

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3 more acres.

INDEX DIAGRAM.

Township 10 N.

Range 31 E.

6	63	5	38	4	20	3	2	1
61		60		36		18		
7	59	8	35	9	17	10	11	12
57		55		33		15		
18	54	17	32	16	13	15	14	13
53		51		31		12		
19	49	20	29	21	11	22	23	24
48		46		28		9		
30	45	29	26	28	7	27	26	25
43		41		25		6		
31	40	32	22	33	3	34	35	36

Gila and Salt River, Arizona.

ARIZONA.

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Subdivisions T. 10 N. R. 31 E. Gila  
and Salt River Meridian

Survey commenced Aug.  
25. 1882, with Burts  
Improved Patent Solar  
Compass, nearly new and  
in first rate order, Made  
by Otto Brunel of Cassel,  
Germany in 1881.

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Commenced at the cor. to  
Secs. 3, 4, 33 & 34. on the  
South Boundary of town-  
ship, which is a Post, 4 ins.  
sq. marked T. 10 N. S. 34 on N. E.  
T. 9 N. S. 3 on S. E. R. 31 E. S. 4 on  
S. W. and S. 33. on N. W. faces.  
with 3 notches on E & W. edges,  
with pits 18 & 18 & 12 ins. in each

Subdivision J. 10 N. R. 31 E. cont.

chains

sec.  $5\frac{1}{2}$  ft. dist. and  
 a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base  
 around post  
 hence I run

North bet. Secs. 33 + 34

Var.  $13^{\circ} 40' E!$

(as observation with solar compass)

Ascending

40.00 Set a post 3 ft. long, 5 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.

69.00 <sup>Top of ridge</sup> Ridge 80 ft. high, cor. N. Ex  
 S. W. Descend

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

## Subdivisions S. 10 N. R. 31 E. cont.

chains

sq. with marked stone 12 ins.  
 in the ground, for cor. to  
 Secs. 27, 28, 33 + 34. marked  
 S. 10 N. S. 27 on N. E.  
 R. 31 E. S. 34 on S. E.  
 S. 33 on S. W. and  
 S. 28 on N. W. faces, with  
 1 notch on Ex. 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 rolling  
 Soil 2<sup>d</sup> rate  
 Timber scattering Cedar &  
 Pine.

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Subdivision S. 10 N. R. 31 E. cont.

chain

Cast on a true line, bet.  
Secs. 27 & 34.

Var.  $13^{\circ}40' E!$

Ascend

7.00 Spur br N & S. 100ft high, enter  
timber N. W. & S. E. Descend

15.00 Leave timber br N. W. & S. E.

40.00 Set a post 3ft. long, 4 ins. dia.  
with marked stone 12 ins. in  
the ground, for  $1/4$  sec. Cor. marked  
 $1/4$  S. on N. face, dug pits  $18 \times 18 \times 12$   
ins. Et 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.

65.63 Intersect Boundary line  
bet. Arizona and New  
Mexico at a Point which

Subdivision S. 10 N. R. 31 E. cont.

chains

brs S. 40.07 chs from the  
191<sup>st</sup> mile post. and  
Set a lava stone 14x10x6 ins.  
qins. in the ground, for closing  
cor. to fractional Secs. 27x34  
marked C. C. with 1 notch  
on S. and 5 notches on N. edge,  
dug pit 18x18x12 ins. N. S. and  
W. of cor. 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>d</sup> rate  
Good grazing.

North bet. Secs. 27x28.

Var. 13° 40' E.

Descend

Subdivision S. 10 N. R. 31 E. cont.

- Chairs  
40.00 Set a Sandstone  $10 \times 8 \times 8$  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. dist.  
and raised a mound of  
earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.  
base alongside.
- 43.00 Stone bn East about 7.00 chs dist.  
Laguna " " 9.00 chs dist.
- 80.00 Set a Sandstone  $14 \times 10 \times 8$  ins.  
9 ins. in the ground, for cor. to  
Secs. 21, 22, 27 & 28, marked  
with 3 notches on E & 2 notches  
on S. edges, and raised a  
mound of stone alongside,  
Pit impracticable.  
Land gently rolling

## Subdivisions N. 10 R. R. 31 E. cont.

chains

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

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Cast on a true line bet.  
 Secs. 22 & 27.

Var.  $13^{\circ}40' E.$

Descending.

40.00 Set a Sandstone  $157 \frac{1}{2} \times 9$  ins.

10 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.

Ex. 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.

64.90 Intersect Boundary line bet.  
 Arizona and New Mexico, et

## Subdivision S. 10 N. R. 31 E.

chain

a point which is S. 40.25  
 chs. from the 190 Mile Post.  
 and Set a Lava stone 14x12  
 x 6 ins. 9 ins. in the ground  
 for closing cor. to fractional  
 secs. 22 & 27. marked C. C.  
 with 4 notches on N. & 2 notches  
 on S. edges, dug pits 18x18x12  
 ins. N. S. and W. of stone  
 5 1/2 ft. dist. and raised a  
 mound of earth 2 ft. high,  
 4 1/2 ft. base alongside.  
 Land rolling hills  
 Soil 3<sup>d</sup> rate  
 Timber scattering Cedars & Pine  
 Good grazing.

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Subdivision S. 10 N. R 31 E. cont.

chains

North bet. Secs. 21 & 22  
Var.  $13^{\circ} 40' E$

Ascend

40.00 Set a Sandstone  $14 \times 10 \times 9$  ins.  
gives in the ground, for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  in <sup>3</sup>W face,  
and raised a mound of  
stone alongside, Pits impracticable.

80.00 Set a Lava stone  $14 \times 12 \times 10$  ins.  
gives in the ground, for cor.  
to Secs. 15, 16, 21 & 22, marked  
with 3 notches on E & S. edges,  
and raised a mound of stone  
alongside, Pits impracticable

Land rolling Hills

Soil 2<sup>d</sup> rate

Good grazing.

## Subdivisions N. 10 N., R. 31 E. cont.

Chain

Cast on a true line bet.  
Secs. 15 + 22.

Var.  $13^{\circ} 40' E.$

ascend

16.00 Enter timber bet N + S.

40.00 Set a Lava stone  $14 \times 12 \times 9$  ins.  
9 ins. in the ground for  $1/4$   
sec. cor. marked  $1/4$  on N face,  
and raised a mound of stone  
alongside Pts impracticable.

64.65 Intersect Boundary line bet.  
Arizona + New Mexico at a  
point which is S. 39.73. chs  
from the 189 Milepost. and  
Set a Lava stone  $16 \times 12 \times 8$  ins.  
11 ins. in the ground for closing  
cor. to fractional secs. 15 + 22.  
marked c.b. with 3 notches.

## Subdivision S. 10 N. R. 31 E. cont.

Chains

on N & S. edges, dug pits 18x18x12  
ins. N. S. and W. of stone, 5 1/2  
ft. dist. and raised a mound  
of earth 2 ft. high, 4 1/2 ft. base  
along side.

Land rolling hills.

Soil 3<sup>d</sup> rate

Timber scattering Cedar &  
Pine.

North bet. Secs. 15 & 16.

Var. 13° 40' E!

Ascend

40.00 Set a post 3 ft. long, 4 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

Subdivisions N. 10 N. R. 31 E. cont.

chains

ius. 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 Sec. 9, 10. 15 & 16. marked  
 N. 10 N. S. 10 on N. E.  
 R. 31 E. S. 15 on S. E.  
 S. 16 on S. W. and  
 S. 9 on N. W. faces, with 3 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 around post.

## Subdivision N. 10 N. R. 31 E. cont.

chains

Land Mesa  
Soil 2d rate  
Good grazing.

Cast on a true line bet.  
Secs. 10 & 15.

Var.  $13^{\circ} 40' E.$

Descending over rolling ground.

8.00 Enter timber brs. N & S.

40.00 Set a post 8 ft. long, 4 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  
pit 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, from which

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Subdivisions S. 10 N. R. 31 E. cont.

chains

a Pine 10 ins. dia. br. S.  $36^{\circ} E$  50 lbs. dist.  
marked  $\frac{1}{4}$  S. B. S.

62.00 a Ridge br N.  $20^{\circ} E$  x S  $20^{\circ} W$ .  
20 ft. high. Descent.

64.58 Intersect the Boundary line  
bet. Arizona x New Mexico  
at a point which br. South 40.56  
chains from the 188 mile post.  
A Rock in place,  $10 \times 5 \times 2$  feet.  
above ground, marked +  
at intersection for closing cor.  
to fractional sec.  $10 \times 15$ . marked  
C. S. 10 on N. side

S. 15. on S. side

Land mountainous

Soil 3<sup>d</sup> rate

Timber scattering Cedar &  
Pine.

## Subdivisions N. 10 N. R. 31 E. cont.

chains

North bet. Secs. 9 &amp; 10.

Var.  $13^{\circ} 40'$  E.

Ascending over Mesa.

40.00 Set a post 3 ft. long, 4 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. 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. 3, 4, 9 &amp; 10. marked S. 10 N. S. 3 on N. E.

R. 31 E. S. 10 on S. E.

S. 9 on S. W. and

S. 4 on N. W. faces, and

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Subdivisions N. 10 N. R. 31 E. cont.

chains

raised a mound of stone,  
around post. from which  
a Pine 12 in. dia. br. S.  $33\frac{3}{4}^{\circ}$  E. 36 lbs dist.  
marked N. 10 N. R. 31 E. S. 10 B. T.  
a Pine 12 in. dia. br. N.  $66^{\circ}$  W. 34 lbs dist.  
marked N. 10 N. R. 31 E. S. 4 B. T.

Sand mesa

Soil 3<sup>d</sup> rate

Timber scattering cedar &  
Pine, good grazing.

East on a true line bet. Secs.  
3 & 10.

Var.  $13^{\circ} 40' E!$ 

Descend

23.00

Leave Mesa & descend rapidly  
Enter scattering timber.

## Subdivision S. 10 N. R. 31 E. cont.

chains

- 40.00 Set a post 3 ft. long, 4 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.
- 60.10 Dry wash 10 lbs wide come North  
Ascend
- 64.80 Intersect Boundary line bet. Arizona and New Mexico at a point which cor. S.  $39^{\circ}38'$  from the 187 Mile Post. and Set a Lava stone  $16 \times 14 \times 6$  ins. 11 ins. in the ground for closing cor. to fractional sec.  $3 \times 10$ . marked C. C. with 1 notch on

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Subdivision T. 10 N. R. 31 E. cont.

chains

N. and 5 notches on S. edge,  
and raised a mound of stone  
alongside. Pits impracticable.  
Land mountainous.

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

Timber scattering cedar  
& Paul.

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

Var.  $13^{\circ} 40' E!$

Ascending.

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

79.92 Intersect N. By of Tp. 20th

E! of cor. to Secs. 3, 4, 33 & 34

which is a Post. 4 in. sq. marked

D. 11 N. S. 34 on N. E. R. 31 E. S. 3 on S. E.

## Subdivision S. 10 N. R. 31 E. cont.

chains

S. 10 N. S. 4 on S. W. and S. 33. on N. W. faces, marked with 3 notches on E & W edges, with pits in each sec. and mound of earth 2 ft. high 4 1/2 ft. base around post.

Thence I run S. 9' E. on a true line bet. Secs. 3 & 4. with same oa.

39.92 Set a post 2 ft. long, 4 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 x 18 x 12 ins. N.W.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.

79.92 The corner to Secs. 3, 4, 9 & 10.  
Land Mesa

Subdivision S. 10 N. R. 31 E. cont.

Chains

Soil 2<sup>d</sup> rate  
 Timber scattering bedark  
 Paul.  
 Good grazing.

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From the corner to Secs.  
 32 & 33. on S. By of Sp.  
 which is a Post 4 in square,  
 marked, S. 10 N. S. 33 on N. E. D. 4 h.  
 S' 4 on S. E. R. 31 E. S' 5 on S. W. & S' 32  
 on N. W. faces, with 4 notches on  
 E & 2 notches on W. edges, with pits  
 in each sec. 5 1/2 ft. dist, and mound  
 of earth 2 ft high 4 1/2 ft base around pit.  
 From North bet. Secs. 32 & 33  
 Var. 13° 40' E.

ascend

## Subdivision S. 10 N. R. 31 E. cont.

Chairs

- 2.45 Road to New Mexico Co. Ex W.
- 40.00 Set a post 4 ins. dia. 3 ft. long, 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.W. of post 5 ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high 3 ft. base around post.
- 68.00 Ridge 200 ft. high to E. & W. descend.
- 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. 10 N. S. 28 on N. E.  
R. 31 E. S. 33 on S. E.  
S. 32 on S. W. and  
S. 29 on In W. faces, with 1

Subdivisions N. 10 h. R. 31 E. cont,

chains

- notch on S. and 4 notches on  
E. edges. from which  
a Pine 10 in. dia. br. h.  $27^{\circ}$  E. 237 lbs. dist.  
marked N. 10 h. R. 31 E. S. 28 B. N.  
a Pine 10 in. dia. br. S.  $16^{\circ}$  E. 18 lbs. dist.  
marked N. 10 h. R. 31 E. S. 33 B. N.  
a Pine 10 in. dia. br. S.  $25^{\circ}$  W. 23 lbs. dist.  
marked N. 10 h. R. 31 E. S. 32 B. N.  
a Cedar. 10 in. dia. br. h.  $33^{\circ}$  W. 28 lbs. dist.  
marked N. 10 h. R. 31 E. S. 29 B. N.

Land rolling

Soil 2<sup>d</sup> rate

Timber of Pine & Cedar

Good grazing.

I carefully examined the  
adjustment of my solar compass  
today, particularly the latitude  
and reversing apparatus, and

Subdivision I. 10 N. R 31 E. cont.

chains

found them correct.  
Aug. 25, 1882.

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

Var.  $13^{\circ} 40' E$

Ascending in timber.

- 35.00 Leave timber to E. N.
- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.
- 62.15 Road to New Mexico to N. Ex  
S. W.
- 80.46 Intersect N. & S. line, 18 lks S. of  
cor. to Secs. 27 & 28, 33 & 34,  
from which corner I run  
S.  $89^{\circ} 52' W$ . on a true line bet.  
Secs. 28. & 33 with same va.
- 40.23 Set a post 3ft. long 5 ins. dia.

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Subdivision S. 10 N. R. 31 E. cont

chains

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 & 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.

80.46 The corner to Secs. 28, 29, 32 &amp; 33.

Land rolling hills.

Soil 2 & 3<sup>d</sup> rate

Timber of Pine &amp; Cedar

Good grazing.

North bet. Secs. 28 &amp; 29

Var.  $13^{\circ} 40' E.$ 

Descending.

8.00 Leave timber for E &amp; W.

## Subdivision S. 10 N. R. 31 E' cont.

chains

40.00

Set a post 3ft. long, 4 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 18x18x42 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 12x10x9 ins. 8 ins. in the ground for cor. to Secs. 20, 21, 28 & 29. marked with 4 notches on E and 2 notches on S. edges, dug pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 4 ft. high  $4\frac{1}{2}$  ft. base alongside. Land rolling hills. Soil 2d rate  
Good grazing.

Subdivision S. 10 N. R. 31 E. cont.

Chains

Truiber of Cedar & Pine.

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

Var.  $13^{\circ} 40' E!$

Ascending.

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

47.00 Ridgebr. N+S. 50ft. high  
Descend

80.36 Intersect N+S. line 23 lbs N.

of cor. to secos. 21, 22, 27 & 28.

from which corner I run  
N.  $89^{\circ} 50' W.$  on a true line, bet.  
Secs. 21 & 28. with curve va.

40.18 Set a Sandstone  $12 \times 10 \times 10$  ins.

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

## Subdivisions S. 10 N. R. 31 E. cont.

chains

dug pits 18x18x12 in. E & W.  
 of corner 5 1/2 ft. dist. and  
 raised a mound of earth 1 1/2  
 ft. high 3 1/2 ft. base, alongside,  
 80.36 The corner to Secs. 20, 22, 28, 29.  
 Land rolling. 20-21  
 Soil 2d rate  
 Good grazing.

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North bet. Secs. 20 &amp; 21.

Var. 13° 40' E!

Ascending.

37.00 Bridge bn. E & W. 40 ft. high  
 Descend40.00 Set apart 3 ft. long, 4 in. dia.  
 with marked stone, 12 in. in  
 the ground, for 1/4 sec. cor.

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Subdivision S. 10 N. R 31 E. cont.

Lines

marked  $\frac{1}{4}$  S. on N. face dug  
pit 18x18x12 ins. N. E. 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 12 ins. in  
the ground, for cor. to Secs.

16, 17, 20 & 21, marked

S. 10 N. S. 16 on N. E.

R. 31 E. S. 21 on S. E.

S. 20 on S. W. and

S. 17 on N. W. faces. with  
3 notches on S. 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  $1\frac{1}{2}$  ft.  
high  $4\frac{1}{2}$  ft. base around post.

Subdivision S. 10 N R 31 E. cont.

chain

Land gently rolling  
Soil 2d rate  
Good grazing.

East on a random line  
bet. Secs. 16 & 21.

Cor.  $13^{\circ}40'E$

Ascending

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

79.84 Intersect N & S. line 2066 ft.

of cor. to Secs. 15, 16, 21 & 22.

from which corner  $\Delta$  run

$\Delta$   $89^{\circ}51'N$  on a true line  
bet. Secs. 16 & 21. same cor.

39.92 Set a sandstone  $12 \times 10 \times 8$  ins.

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

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Subdivision S. 10 N. R. 31 E. cont.

chains

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

79.84 The corner to Secs. 16 & 17. 20 & 21

Land rolling hills

Soil 2<sup>d</sup> rate

Good grazing.

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North bet. Secs. 16 & 17.

Var.  $13^{\circ}40' E$ .

Ascend

40.00 Set a Sandstone  $14 \times 12 \times 10$  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

Subdivision S. 10 R. 31 E. cont.

chains  
 3 1/2 ft. base along side.  
 80.00 Set a sandstone 16 x 10 x 8 ins.  
 10 ins. in the ground for cor.  
 to secs. 8, 9, 16 x 17, marked  
 with 4 notches on E & S. edges,  
 and raised a mound of stone  
 along side, Pit impracticable  
 Land rolling hills.  
 Soil 2<sup>d</sup> rate  
Good grazing.

+

Cast on a random line, bet.  
 Secs. 9 x 16.

Var.  $13^{\circ} 40' E.$

Over Mesa.

40.00 Set temporary 1/4 sec. cor.

79.80 Intersect N & S. line 33 lbs.

## Subdivisions S. 10 N. R. 31 E. cont

chains

North of corner to Secs. 9, 10,  
15 & 16. from which corner  
I run N.  $89^{\circ}46'W.$  on a  
true line bet. Secs. 9 & 16.  
with same var.

- 39.90 Set a Post 3ft. long, 4 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  
pit 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' ft. base around post.
- 79.80 The Corner to Secs. 8, 9, 16 & 17.  
Land Mesa  
Soil 2<sup>d</sup> rate  
Good grazing.
-

## Subdivision N. 10 N. R 31 E cont

chains

North bet. Secs. 8 &amp; 9.

Var.  $13^{\circ}40' E$ 

Ascend

28.00 Enter timber to E. &amp; W.

40.00 Set a post 3 ft. long, 4 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 pit  $18 \times 18 \times 12$  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 Ridge to E & W. 100 ft. high  
Descend

80.00 Set a post 4 ft. long, 5 ins. dia. with marked stone 12 ins. in the ground, for cor. to Secs. 4, 5, 8 & 9. marked N. 10 N. S. 4 on N. E.

Subdivision N. 10 R. R 31 E!

chains

R. 31 E. S. 9 on S. E.  
 S. 8 on S. W. and  
 S. 5 on N. W. faces, with  
 4 notches on E & 5 notches on  
 S. edges, dug pits  $18 \times 18 \times 12$  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 hills.

Soil 2<sup>d</sup> rate

Good grazing.

East on a random line  
 bet. Secs. 4 & 9.

Var.  $13^{\circ} 40' E!$

Ascending.

Subdivisions T. 10 N. R. 3. E.

chain

40.00 Set temporary  $\frac{1}{4}$  Sec. cor.  
68.50 Ridge to N.  $20^{\circ}$  E. & S.  $20^{\circ}$  W.  
90 ft. high, descend.

80.08 Intersect N & S. line 12 lbs  
S of cor. to Secs. 3, 4, 9 & 10.  
from which corner I run  
S:  $89^{\circ} 55'$  W. on a true line,  
bet. Secs. 4 & 9 with camera.

40.04 Set a post 3 ft. long, 4 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  
x 12 ins. Et W. of post  $3\frac{1}{2}$  ft.  
dist. and raised a mound  
of earth 17 ft. high  $3\frac{1}{2}$  ft.  
base around post.

80.08 The corner to secs. 4, 5, 8 & 9.  
land rolling hill.

BOOK 75

Subdivisions S. 10 N. R. 31 E.

chains

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

Good grazing.

Timber Scattering Cedars  
Pine.North on a random line bet  
Secs. 4 & 5.Var.  $13^{\circ}40'E!$ 

Descending.

10.00 Leave timber to E. W.

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

79.86 Intersect N. By of S. 12 Cks

E. of cor. to Secs. 4, 5, 32 &amp; 33.

which is a Post. 4 ins. sq. marked

S. 11 N. S. 33 on N. E. R. 31 E. S. 4 on S. E.

S. 10 N. S. 5 on S. W. &amp; S. 32 on N. W. face

with 2 notches on W. and 4 notches

## Subdivisions S. 10 R. R 31 E.

chains

on E. edges, with pits in each sec. and mound of earth 2 ft high  $4\frac{1}{2}$  ft. long around post.

Thence I run S. 5' E. on a true line bet. Secs. 4 & 5. with same va.

39.86 Set a Sandstone  $18 \times 12 \times 9$  ins. 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 alongside, Pits impracticable.

79.86 The corner to Secs. 4, 5, 8 & 9.  
Land rolling hill  
Soil 2<sup>d</sup> rate  
Number of Pine and cedar  
Good grazing.

## Subdivision N. 10 R. 2. 31 E. cont.

chains

From the corner to Secs.  
5.6. 31. 32. on S. By of Sp.  
which is a Post 4 ins. sq. marked  
D. W. N. S. 32 on N. E. R. 31 E. S. 5 on S. E.  
D. G. N. S. 6 on S. W. and S. 31 on N. W.  
faces with 5 notches on E. 1 notch  
on W. edges, with pits in each sec. and  
mound of earth 2 ft. high, 4 1/2 ft.  
base around post.

From North bet. Secs. 31 & 32  
Var.  $13^{\circ} 40' E.$

Descending.

40.00 Set a Limestone  $14 \times 12 \times 8$  ins.  
q. in the ground for 1/4  
sec. cor. marked 1/4 on W.  
face dug pit  $18 \times 18 \times 12$  ins.  
N. W. of cor.  $5 \frac{1}{2}$  ft. dist.  
and raised a mound of earth

Subdivision S. 10 N. R 31 E. cont.

chains

1 1/2 ft. high, 3 1/2 ft. base alongside.

65.84 Dry Wash 7 lbs wide course  
S. W. 60 ft. deep. Ascend

80.00 Set a Sandstone 20 + 18 + 10  
ins. 15 ins. in the ground, for  
cor. to Secs. 29, 30, 31 + 32.

marked with 1 notch on S. and  
5 notches on E. edges, and  
raised a mound of stone  
alongside, Pto impracticable.

Land unmountainous

Soil 3<sup>d</sup> rate

Timber scattering Pines  
ceder

Aug. 26. 1882.

East on a random line

## Subdivisions T. 10 N., R. 31 E., cont.

chains

bet. Secs. 29 &amp; 32.

Var.  $13^{\circ} 40' E!$ 

Ascend

4.40 Enter timber br. N. Et S. W.

32.50 Spur br N. 40 ft. high  
Desend.40.00 Set temporary  $\frac{1}{4}$  sec cor.80.38 Out-sight N & S. line 23 lbs  
N. of cor. to sec. 28, 29, 32 & 33.from which corner I run  
N.  $89^{\circ} 50' W.$  on a true line,  
bet. Secs. 29 & 32, same or.40.19 Set a post 3 ft. long, 3 ins. dia.  
with marked stone, 12 ins. on  
the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. on N. face, dug  
pit 18 x 18 x 12 ins. Et N. of  
post.  $5\frac{1}{2}$  ft. dist. and raised

## Subdivision S. 10 N. R. 31 E. cont.

chains

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

80.38

The corner to Secs. 29, 30, 31 & 32  
 Sand rolling hills  
 Soil 3d rate  
 Timber scattering pine &  
 cedar.

---

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

Var.  $13^{\circ}40'$  E.

Descending.

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

65.00 Dry Wash 200 yds wide course South

79.58 Intersect W. By of Np. 15 lks  
 Sof corner to Secs. 25, 30, 31 & 36.  
 which is a Post 4 ins. sq.

## BOOK 75

Subdivision S. 10 N. R. 31 E. cont.

chains

marked S. 10 N. S. 30 on N. E. R. 31 E. S. 31  
 on S. E. R. 30 E. S. 36 on S. W. and S. 25  
 on N. W. faces, with 5 notches on N. & 1 notch  
 on S. edges, with pits in each sec, and mound  
 of earth 4 ft high 4 1/2 ft. base around post.  
 Thence I run S. 89° 54' E. on  
 a true line, bet. sec. 30 & 31.  
 with same va.

Descending gradually

79.58 Set a lava stone 12 x 10 x 8 ins.

6.00 8 ins. in the ground for 1/4 sec.

cor. marked 1/4<sup>S</sup> on N. face, and

raised a mound of stone

alongside, Pits imperceptible

79.58 The corner to Sec. 29, 30, 31 & 32

land gently rolling

Soil 2<sup>d</sup> rate

Good grazing.

## BOOK 75

## Subdivision N. 10 R. 2. 31 E. cont.

chains

North bet. Secs. 29 &amp; 30.

Var.  $13^{\circ} 40'$  E.

Descending

4000 Set a post 2 ft. long, 4 in. dia. with marked stone 12 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. 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 in. sq. with marked stone 12 in. in the ground, for cor. to Secs. 19, 20 & 29 & 30. marked

S. 10 N. S. 20 on N. E.

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

S. 30 on S. W. and

BOOK 75

## Subdivision T. 11 N. R. 31 E. cont.

chains

S 19 on N. W. faces, with  
5 notches on E & 2 notches on  
S. edge, dug pits 18" x 18" x 12 in.  
in each sec. 5/8 ft. dist. and  
raised a mound of earth 2  
ft. high 4/8 ft. base around  
post.

Land gently rolling  
Soil 2d rate  
Good grazing.

---

East on a random line bet.  
Secs. 20 & 29.

Var.  $13^{\circ} 40'$  E.

Ascending

4000 Set. temporary 1/4 sec. cor.  
80.22 Intersect N & S. line 15 lbs

Subdivisions T. 11 N. R. 3, E. cont.

chains

N. of cor. to Secs. 20, 21, 28 & 29.  
from which corner I run.  
N.  $89^{\circ} 54' 20''$  W. on a true line  
bet. Secs. 20 & 29. with course ca.

40.11 Set a post 3 ft. long, 4 ins. dia.  
with marked steel pins in  
the ground for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  S. on N. face, dug pits 18 & 24  
ins. Et N. of post 3/4 ft. dist.  
and raised a mound of  
earth 1 1/2 ft. high 3/4 ft. base  
around post.

80.22 The corner to Secs. 19, 20, 29 & 30  
Land gently rolling.  
Soil 2<sup>d</sup> rate  
Good grazing.

BOOK 75

## Subdivisions N. 10 R. R. 31 E. cont.

chains

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

Ver.  $13^{\circ}40' E$ .

Descending gradually

46.00 Set temporary  $1/4$  sec. cor.

64.85 Depression course N & S. 20 ft. deep.  
Ascend

79.48 Intersect W. By of Sp. 8 lbs S.  
of cor. to Secs. 19, 24, 25 & 30,  
which is a Post 4 in. square marked  
N. 10 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. & 2 notches on S. Edges,  
with pits in each sec 5 ft. dist. and  
a mound of earth 2 ft high  
4 ft base around Post.

Hence I run S.  $89^{\circ}57' E$  on a  
true line, bet. Secs. 19 & 30.

## Subdivisions T. 10 N. R. 31 E. cont.

chains

with same var.

39.48 Set a post 3 ft. long, 4 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 2  
ins.  $\frac{1}{4}$  W. 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.

79.48 The corner to Secs. 19, 20, 29 + 30.  
Land gently rolling  
Soil 2<sup>d</sup> rate  
Good grazing.

North bet. Secs. 19 + 20.

Var.  $13^{\circ} 40'$  E.

Descend.

BOOK 75

Subdivision N. 10 N. R. 31 E. cont.

chains

10.25 Depression br. E & W. 20 ft. deep.  
Ascend

40.00 Set a post 3 ft. long, 4 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 pit 18 x 18 x 12 ins.  
N. & 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. sq.  
with marked stone 12 ins. in  
the ground, for cor. of Secs. 17, 18,  
19, & 20. marked  
N. 10 N. S. 17 on N. E.  
R. 31 E. S. 20 on S. E.  
S. 19 on S. W. and  
S. 18 on N. W. faces, with 5

## BOOK 75

Subdivision N. 10 N. R. 31 E. cont.

chains

notches on E & 3 notches on S.  
edges, dug pits 18+18+12 ins. in  
each sec. 5/8 ft. dist. and raised  
a mound of earth 2 ft. high 4/8 ft.  
base around post.

Land gently rolling

Soil 2<sup>d</sup> rate

Good grazing.

---

East on a random line, bet.  
Secs. 17 & 20.

Var.  $13^{\circ}40'E$

Ascending

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

61.00 Ridge br. N. E & S. W. 20 ft high

Descend

80.16 Intersect N & S. line at cor. to

BOOK 75

Subdivisions N. 10 N. R. 31 E. cont.

chains

secs. 16, 17, 20, & 21. from  
which corner I run West on  
a true line, bet. Secs. 17 & 20.  
with same or.

40.08 Set a post 3ft. long, 4 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 18x18x4  
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.

80.16 The corner to Secs. 17, 18, 19, & 20.  
Land rolling hills  
Soil 2d rate  
Good grazing.

---

## BOOK 75

Subdivision J. 10 N. R 31 E. cont.

Chains

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

Var.  $13^{\circ} 40' E.$

Descending

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

79.96 Intersect W. By of Sp. 12 lks

N. of cor. to Secs. 13, 18, 19 & 24

which is a post 4 1/2 feet long, marked with 3 nails on N. & S. ends, with pits, and  
mound of earth around post.

from which corner 1 mile

S 10 N. S 18 South

R 31 E. S 19 on 28

R 30 E. S 24 on 28

+ S 13 on N. W. 1/4

N.  $89^{\circ} 55' E.$  on a true line,  
bet. Secs. 18 & 19. with camera.

39.96 Set a post 3 feet long, 6 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  
pit 18 x 18 x 12 ins. E. W. of post  
 $5\frac{1}{2}$  ft. dist. and raised a mound  
of earth 1 1/2 ft. high 3 1/2 ft.  
base around post.

BOOK 75

Subdivision S. 10 R. R. 31 E. cont.

chains

79.36

The corner to Secs. 17, 18, 19 & 20  
 Land gently rolling  
 Soil 2<sup>d</sup> rate  
 Good grazing.  
 Timber scattering cedar  
 & Pine.

---

North bet. Secs. 17 &amp; 18.

Var.  $13^{\circ} 40' E.$ 

Ascend over rolling ground

31.00 Enter timber br. N. W &amp; S. E.

40.00 Set a Sandstone  $15 \times 12 \times 8$  ins.10 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

## BOOK 75

Subdivision N. 10 N. R. 31 E. cont.

chains

3 1/2 ft. base alongside.

80.00

Set a sandstone 14 x 10 x 10 ins.  
 9 ins. in the ground for cor. to  
 Secs. 7, 8, 17 & 18: marked  
 with 5 notches on E & 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 alongside.  
 Land rolling hills.  
 Soil 2<sup>d</sup> rate  
 Good grazing.

---

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

Var. 13° 40' E!

Ascending.

## BOOK 75

Subdivision N. 10 N. R. 31 E. cont.

chain

4000 Set temporary  $\frac{1}{4}$  sec. cor.  
80.33 Intersect N + S. line, 28 lbs  
N. of cor. to Secs. 8, 9, 16 & 17.  
from which corner I run  
N.  $89^{\circ} 48' 77$ . on a true line,  
bet. Secs. 8 & 17. with same ca.

40.17 Set a Sandstone  $16 \times 10 \times 9$  ins.  
11 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N face,  
and raised a mound of stone  
alongside bet. impracticable

80.33 The cor. to Secs. 7, 8, 17 & 18.  
Land rolling hills.

Soil 2<sup>d</sup> rate

Good grazing.

I carefully examined the  
adjustments of my Solar compass  
today, particularly the latitude

## BOOK 75

Subdivision D. 10 N. R. 31 E. cont.

chains

and reversing apparatus, and found them correct.

Aug. 28. 1882.

---

Went on a random line, bet.  
Secs. 7 & 18.

Cor.  $13^{\circ}40' E.$

Descend

21.00 Leave timber to N. S.

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

79.22 Intersect W. By of Sp. 22 lbs  
N. of cor. to secs. 7, 12, 13 & 18  
which is a Post 4 ins. square marked  
D. 10 N. Sec. 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

BOOK 75

Subdivision N. 10 H. R. 318. cont.

Chains

on N x 4 notches on S. edges,  
with pits in each sec, and  
mound of earth 2 ft high 4 1/2  
ft base around post.

Thence I run N. 89° 51' E!  
on a true line, bet. Secs. 7 & 18  
with same va.

39.22 Set a post 3 ft. long, 4 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.

79.22 The cor. to Secs. 7, 8, 17 & 18.

Subdivisions S. 10 N. R. 31 E. cont.

chains

Land rolling hills  
Soil 2<sup>d</sup> rate  
Good grazing.  
Timber of Cedar & Pine.

---

North bet. Secs. 7 & 8.

Var.  $13^{\circ}40'E!$

Ascend

29.00 Leave timber to N. W. & S. E.

40.00 Set a Sandstone  $16 \times 14 \times 6$  ins.

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

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

and raised a mound of stone  
alongside, Pits impracticable

80.00 Set a Sandstone  $18 \times 12 \times 6$  ins.

12 ins. in the ground for cor. to  
Secs. 5, 6, 7 & 8. marked with

BOOK 75

Subdivision P. 10 N. R. 31 E.

chains

5 notches on E & S. edges, and  
 raised a mound of stone,  
 alongside, Pto impracticable.  
 Land gently rolling  
 Soil 2<sup>d</sup> rate  
 Good grazing  
 Timber of Pine & Cedar.

---

Cast on a random line bet.  
 Secs. 5 & 8.

Var.  $13^{\circ}40' E!$

Ascending.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 80.12 Intersect N & S. line of S.  
 of cor. to Secs. 4, 5, 8 & 9.  
 from which corner I run  
 S.  $89^{\circ}57' W.$  on a true line.

Subdivision N. 10 h. R. 31 E.

chains

bet. Secs. 5 & 8. with same or.  
 40.06 Set a Sandstone 16 x 12 x 8 in.  
 10 in. in the ground for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  on N. face, dug  
 pit 18 x 18 x 12 in. E. W. of stone  
 5 ft. dist. and raised a mound  
 of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base  
 alongside.

80.12 The Corner to Secs. 5-6. 7 & 8.  
 Land rolling hills  
 Soil 2<sup>d</sup> rate  
 Good grazing.

---

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

Var. 13° 40' E.

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

## Subdivision N. 10 h. R. 31 E. cont.

chains

79. 18 Intersect W. By of Tp. 90 lks  
N. of cor. to Secs. 1. 6. 7 & 12.  
which is a Post. 4 ins. square,  
marked N. 10 h. S. 6 on h. E. R. 31 E. S. 7 on S. E.  
R. 30 E. S. 12. on S. W. and S. 1 on N. W.  
faces, with 5 notches on S. and 1 notch  
on N. edges, with pits in each see, and  
mound of earth 4 1/2 ft. high around post.  
Thence I run N. 89° 47' E. on a  
true line bet. Secs. 6 & 7. same ca.
39. 18 Set a Sandstone 16 x 10 x 9 ins. 10 ins.  
in the ground, for 1/4 sec. cor. marked  
1/4 on h. face, dug pits 18 x 18 x 12 ins.  
E. 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.
79. 18 The corner to Secs. 5. 6. 7 & 8.  
Land rolling hills

Subdivision T. 10 N. R. 31 E. cont.

chain

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

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

Var. 13° 40' E!

Descend

4000 Set temporary 1/4 sec. cor.

80.14 Intersect N. By of Sp. 22 lbs  
E. of cor. to Secs. 5, 6, 31 & 32,

which is a Post. 4 ins. eq. marked  
T. 11 N. S. 32 on N. E. R. 31 E. S. 5 on S. E.

T. 10 N. S. 6 on S. W. and S. 31 on N. W. faces  
with 1 notch on W & 5 notches on E edge

with pits in each sec. and mound of  
earth 2 ft. high, 4 1/2 ft. base  
around post

Thence I run S. 9' E. on a true

## Subdivision T. 10 N. R. 31 E. cont.

chain

line, bet. Secs 5 &amp; 6. with same on.

- 40.14 Set a sandstone 15712 + 9 ins.  
10 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face,  
and raised a mound of  
stone alongside, Pts impracticable.
- 80.14 The corner to Secs. 5, 6, 7 & 8.  
Land rolling hills.  
Soil 2d rate

Good grazing.

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

Aug. 29. 1882.

Subdivision S. 10 N. R. 31 E. cont

General Description.

The land in this Township is generally rolling, some portions thereon being, mountainous, the Soil is generally 2<sup>d</sup> & 3<sup>d</sup> rate, some portions being well adapted to agriculture, and most of it is good for grazing.

There is some scattering Pine timber in different places, through the Township.

The road from Springerville to New Mexico crosses the South-eastern portion of the township.

Emilio Moreno has a large corral, and about 10 acres

BOOK 75

Subdivisions N. 10 N. R. 31 E. cont.

under cultivation, in Sec.  
27. near a small laguna,  
The value of which is not  
less than \$400.

U. S. Surveyor General's Office,  
Tucson, Arizona, January 12, 1883

The foregoing Field Notes of the survey of

Subdivision Lines  
of Township 10 North  
Range, 31 E.

of the Gila and Salt River Base and Meridian, Arizona,  
executed by A. P. Johnson,

D. S., under his contract of the 8 day of  
June, 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.