

71

F I E L D       N O T E S  
OF THE SURVEY OF THE  
SUBDIVISION LINES  
OF

Township 10 North, Range 27 East.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By A. P. Johnson, D. S., under  
Contract dated June 8, 1882.  
Survey commenced October 9, 1882.  
Survey completed October 16, 1882.

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7  
4

Subdivision Lines  
S. 10 N. R. 24 E.

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No-71

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Township 10 N.

Range 27 E.

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Gila and Salt River, Arizona.

ARIZONA.

Subdivision T. 10 N. R. 27 E. T. 14 S.  
& Salt River Meridian

Survey commenced Oct 9.  
1882. with a Burt's Patent  
Improved Solar Compass,  
nearly new, and in first  
rate order, Made by Otto  
Reichel of Cassel in Germany  
in 1881.

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Commence at the corner  
Secs. 1. 2. 35 & 36. on South  
Boundary of Township  
which is a volcanic  
stone set firmly in  
the ground, properly  
notched with pits.

## Subdivision T. 10 N. R. 27 E. cont

chains

and mound of  
earth on E. side.Thence Iron North bet.  
Secs. 35 & 36.Var.  $12^{\circ} 16' E!$ 

(As per observation with solar compass)

12.18 Top of ridge 275 ft. high. to Ex W.  
Descend4000 Set a Basalt <sup>stone</sup> 15 x 9 x 9 ins. 10 ins.  
in the ground, for  $\frac{1}{4}$  sec. cor.marked  $\frac{1}{4}$  on W. face, and  
raised a mound of stone along-  
side. Pits impracticable.8000 Set a Basalt stone 10 x 10 x 6 ins.  
7 ins. in the ground, for cor.  
to Secs. 25, 26, 35 & 36. marked  
with 1 notch on E & S. edges.

## Subdivision N. 10th. R. 27 E. cont.

chains

and raised a mound of stone  
along side Pits impracticable.  
Land broken & hilly  
Soil 3<sup>d</sup> rate.

East on a random line, bet.  
Secs. 25 & 36.

Var.  $12^{\circ} 28' E.$

Ascend gradually

37.35 Top of Spur to N.  $28^{\circ} E.$   $25^{\circ} W.$

Descend

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

80.40 Intersect E. Ry of Sp. 16 lks N.  
of cor. to Secs. 25-36. 31 & 36.

which is a volcanic stone  
set firmly in the  
ground, properly

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N. 10 N. R. 27 E. cont.

chains

notched, with pits  
and earth mound on  
N. side.

Thence Iron N.  $89^{\circ}54'W$ .  
on a true line bet. Secs. 25 & 36.  
with same or.

40.20 Set a Basalt  $20 \times 9 \times 6$  ins.  $15$   
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 N. of stone  
 $5\frac{1}{2}$  ft. dist. and raised  
mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base alongside.

80.40 The corner to Secs. 25. 26. 35 & 36  
Land hilly  
Soil 3<sup>d</sup> rate

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N. 10 N. R. 27 E.

chains

North bet. Secs. 25 & 26.

Var.  $12^{\circ} 28' E$

Descend

30.61 Wash 85 lbs wide course N.  $35^{\circ} E$

Ascend

40.00 Set a Basalt stone  $20 \times 9 \times 7$  ins.

15 ins. in the ground, for  $\frac{1}{4}$  sec. bar. marked  $\frac{1}{4}$  on N. face and raised a mound of stone alongside. Pit impracticable.

72.13 Top of Spurr to N.  $80^{\circ} E$ . descend

80.00 Set a Basalt stone  $24 \times 19 \times 5$

ins. 18 ins. in the ground, for cor. to Secs. 23, 24, 25 & 26. marked with 1 notch on E. & 2 notches on S. edges, and raised a mound of stone alongside. Pit impracticable. Land high rocky & hilly.



BOOK 71  
 N. 10h. R. 27 E. cont.

chains

Soil 3<sup>d</sup> rate

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

Var.  $12^{\circ} 40' E.$

Ascend

10.40 Top of Spurr 150ft. high br  
 $9.85^{\circ} E.$  Descend

40.00 Set temporary  $1/4$  sec cor.

80.37 Intersect E. By of sp. 17 lbs  
 S of cor. to Secs. 19, 24, 25 & 30.  
 which is a limestone,  
 set firmly in the ground  
 properly notched with  
 pits, and earth removed  
 along side.

N. 10 N. R. 27 E.

chain

Thence Iron S.  $89^{\circ} 52' W.$   
on a true line bet. Secs 24 & 25.  
with same va.

40.18 Set a Sandstone  $23 \times 11 \times 4$  ins.  
18 ins. in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N. face  
and raised a mound of  
stone alongside, Pits imp-  
racticable.

80.37 The corner to Secs. <sup>23</sup> 24, 25, & 26  
High & broken hills  
Soil 2<sup>d</sup> rate

---

North bet. Secs. 23 & 24

Var.  $12^{\circ} 40' E.$

Descend

5.95 Head of wash 4 lbs wide course

## BOOK 71.

A. 10 h. R. 27 E.

Chains

N. 89° E. ascend

4000 Set a Sandstone 18 + 10 + 4 ins.

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

8000 Set a Lava stone 19 + 12 + 3 ins.

12 ins. in the ground for cor.

to Secs. 13, 14, 23 + 24. marked with 1 notch on E &amp; 3 notches

on S. edges, and raised a mound of stone alongside. Pits unpracticable.

High broken Hills

Soil 2d rate

T. 10 N. R. 27 E.

chains

Cast on a random line bet.  
Secs. 13 & 24.

Var.  $13^{\circ} 31' E$

Descend -

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
80.25 Intersect E. By. of Op. 19 lbs  
No of cor. to Secs. 13, 18, 19 & 24  
which is a Sandstone  
set firmly in the ground  
properly notched, with  
pits, and earth mound  
on N. Side.

Thence I run N.  $89^{\circ} 52' W$ .  
on a true line, bet. Secs. 13 & 24  
with same oa.

40.12 Set a Basalt stone  $20 \times 12 \times 5$ ,  
inc. 15 ins. in the ground, for

## BOOK 71

T. 10 N. R. 27 E.

chains

1/4 sec. cor. marked 1/4 on  
N. face, and raised a mound  
of stone alongside, Pts  
impracticable.

80.25 The corner to Secs. 13 & 14. 23 & 24.  
Land on gradual slope East.  
covered with rocks.

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North bet. Secs. 13 & 14.

Var.  $13^{\circ} 31' E$ .

Ascend

17.17 Top of spur br N.  $40^{\circ} E$ .

Descend

40.00 Set a sandstone  $18 \times 12 \times 9$  ins.

12 ins. in the ground, for 1/4  
sec. cor. marked 1/4 on N.  
face, and raised a mound

N. 10 W. R 27 E.

chains

of stone alongside, Pits imp  
tractable.

57.13 Foot of spur to N. 53° E.  
Enter level valley.

80.00 Set a lava stone 24 + 19 + 8  
ins. 18 ins. in the ground for  
cor. to Secs. 11, 12, 13 + 14. marked  
with 1 notch on E and 4 notches  
on S. edges, and raised a  
row of stone alongside  
Pits impracticable.  
Land rolling + rocky  
on S. level  
Soil 2<sup>d</sup>. rate.

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

S. 10 N. R. 27 E.

Chains

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

Descend

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

80.10 Intersect E. By of Sp. 28  
 lks N. of cor. to Secs. 7. 12. 13 & 18.  
 which is a Limestone  
 set firmly in the ground  
 properly notched  
 with pits, and earth  
 mound, on the side.

Thence I run N.  $89^{\circ} 48' W.$   
 on a true line, bet. Secs. 12 & 13.  
 with same or

40.05 Set a Basaltstone  $20 \times 12 \times 4$   
 ins. 15 ins. in the ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
 N face, and raised a

N. 10 N. R. 27 E.

chains

wound of stone alongside  
Pits impracticable.

80.10. The corner to Secs. 12, 13, & 14.  
Some good grazing land  
Soil 2<sup>d</sup> rate.

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North bet. Secs. 11 & 12.

Var.  $130^{\circ}50' E$ .

Almost level

40.00 Set a Basalt stone  $18 \times 12 \times 8$   
ins. 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
W face and raised a wound  
of stone alongside, Pits  
impracticable.

80.00 Set a Basalt stone  $20 \times 9 \times 5$  ins.  
15 ins. in the ground, for cor.



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S. 10 N. R. 27 E.

chains

to secs. 1, 2, 11 & 12, marked  
with 1 notch on E. and 5  
notches on S. edges, and  
raised a mound of stone  
alongside, Pits impracticable  
Good grazing land  
Soil a rate.

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Oct. 9, 1882,

East on a random line, bet.  
Secs. 1 & 12.

Var.  $12^{\circ} 25' E.$

Almost level.

40.00 Set temporary  $1/4$  sec cor.  
79.98 Intersect E. By. of Sp. 49,  
lbs S. of cor. to Secs. 1, 6, 7, 12  
which is a Limestone

N. H. R 27 E.

Chains

set firmly in the ground properly notched, with stone around on N. side.

Theucel Iron S: 89° 39' W. on a true line, bet. Secs. 1 & 12 with same ra.

39.99 Set a d'coc stone 14 x 7 x 3 ins. 9 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on N. 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.

89.98 The corner to Secs. 1, 2, 11 & 12 Level gravelly soil

S. 10 N. R. 27 E. cont.

Chains

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

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

Var. 120250 E.

Descending very gradually.

11.35 Wash 50 lbs wide course E.  
soon turns N. E.

40.00 Set temporary 1/4 sec. cor.

80.70 Intersect N. Bay of Sp. 10 lbs  
N. of cor. to Secs. 1, 2, 3 5736  
which is a limestone  
set firmly in the ground  
properly notched with  
pits and surrounded  
earth on E. side.

T. 10 N. R 27 E. cont.

chain

Thence from S. 41° W. on a  
true line, bet. Secs. 1 & 2. with  
same va.

40.70 Set a Sandstone 20 x 12 x 7 ins.

15 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on W.  
face, dug pits 18 x 18 x 12 ins.

N. & S. of stone  $3\frac{1}{2}$  ft. dist. and  
raised a mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base along side.

80.70

Thence to Secs. 1, 2, 11 & 12.

Land rolling

Good grazing

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

Thence to Secs. 1, 2, 11 & 12.

Land rolling

Good grazing

BOOK 71

S. 10 N. R. 27 E. cont.

Chains

From the Corner to Secs.  
2.3. 34 & 35. on S. By of  
Sp. which is a  
limestone set firmly  
in the ground, properly  
notched, with mound  
of stone on E.  
side.

Thence I run North bet.  
Secs. 34 & 35.

Var.  $12^{\circ} 44' E!$

Descend gradually

13.20 Wash 40 lbs wide course h. 6' 1/2  
ascend

4000 Set a Leadstone  $20 \times 11 \times 6$   
ins. 15. ins. in the ground,  
for 1/4 sec. cor. marked 1/4

N. 10 N. R. 27 E.

Chains

on W. face and raised a  
mound of stone alongside.  
Pits impracticable

76.47 Top of Hill 300ft high on  
N. 35° E.

80.00 Set a Sandstone 21.70 x 3 ins.  
15 ins. in the ground for cor.  
to Secs. 26.27. 34 x 35. marked  
with 2 notches on E and 1  
notch on N. edges, and  
raised a mound of stone  
alongside, Pits impracticable.  
Land broken & lilly.  
Soil 3d rate.

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Cast on a random line bet.  
Secs. 26 x 35.

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S. 10 N. R. 27 E.

chains

Var. 190 E!

- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 80.40 Intersect N. & S. line 16 lks  
 S. of cor. to Secs. 25.26. 35 & 36.  
 from which corner I run  
 S.  $89^{\circ} 52'$  W. on a true line  
 bet. Secs. 26 & 35. with course.
- 40.20 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 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 alongside
- 80.40 The corner to Secs. 26.27. 34 & 35.  
 Land rolling  
 Soil 2<sup>d</sup> rate  
 Good grazing.

## BOOK 71

S. 10 N. R. 27 E.

chains

North bet. Secs. 26 + 27.  
Cor.  $13^{\circ}$  E!

Wes end gradually

40.00 Set a Basalt stone  $17 \times 10 \times 6$  in12 in. in the ground, for  $\frac{1}{4}$  sec  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stone alongside. Pits imp-  
racticable.80.00 Set a Basalt stone  $19 \times 12 \times 5$ .ins. 12 in. in the ground  
for cor. to Secs. 22, 23, 26 + 27  
marked with sutches on  
E + S. edges, and raised  
a mound of stone alongside  
Pits impracticable.Land broken & rocky  
Soil 3<sup>d</sup> rate.



S. 10 N. R. 27 E.

chain

Cast on a random line,  
bet. Secs. 23 & 26.

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

Ascend gradually

26.50 Spur 90 ft. high corner N. & S.  
Descend

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

80.37 Intersect N. & S. line 40 rods  
N. of cor. to Secs. 23, 24, 25 & 26  
from which corner I run  
N.  $89^{\circ} 43' W$ . on a true line  
bet. Secs. 23 & 26. with same on.

40.18 Set a Basalt stone 20 x 10 x 7  
ins. 15 ins. in the ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
N. face, and raised a mound  
of stone along side, P to  
impracticable.

N. 10 N. R. 27 E.

chains

80.37 The corner to Secs. 22, 23, 26 & 27.  
 Land rough & rocky  
 Soil 2<sup>d</sup> rate  
 Good grazing.

---

North bet. Secs. 22 & 23.  
 Var. 13° 14' E.

Almost level

4000 Set at Basalt stone 18 x 9 x 6  
 ins. 12 in. in the ground for  
 1/4 sec. cor. marked 1/4 on  
 W. face, dug pit 18 x 18 x 12  
 ins. N.W. of cor. 5/8 ft. dist.  
 and raised a mound of  
 earth 1/8 ft. high 3/8 ft. base  
 along side

8000 Set at Basalt stone 18 x 9 x 4

S. 10 N. R. 27 E.

chains

ins. 12 ins. in the ground for  
cor. to Secs. 14, 15, 22 & 23.

marked with 2 notches on  
E' & 3 notches on S. edges,  
and raised a mound of  
stone alongside Pits imp-  
recticall.

Land rough & rocky  
Soil 3<sup>d</sup> rate

Good grazing.

---

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

Var. 13° 18' E.

40.00 Set temporary 1/4 sec. cor.

80.41 Intersect N & S. line 18 lbs

S. of cor. to Secs. 13, 14, 23 & 24

S. 10 N. R. 27 E.

chain

from which corner Town  
S.  $89^{\circ} 52' W.$  on a true line,  
bet. Secs. 14 & 23. with same ca.

40.20 Set a Basalt stone  $16 \times 10 \times 3$  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 Pts  
impracticable.

80.41

Set a Basalt stone  $14 \times 15 - 22 \times 23$  —  
Land rough & rocky  
Soil 3<sup>d</sup> rate  
Good grazing.

North bet secos. 14 & 15.

Var.  $130^{\circ} 18' E.$

Descend

40.00 Set a Basalt stone  $20 \times 10 \times 7$  ins.

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A. 10 N. R. 27 E.

Chains

15 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. Ascending.

8000

Set at Basett  $12 \times 10 \times 6$  ins. 8 ins. in the ground, for cor. to Secs. 10, 11, 14 & 15, marked with 2 notches on E & 4 notches on S. edges, and raised a mound of stone alongside. Pits impracticable. Land rough and rocky. Soil 2<sup>d</sup> rate.

good grazing.

I carefully examined

S. 10 N. R. 27 E.

chains

the adjustments of my Solar Compass today, particularly the latitude and reversing apparatus, and found them correct.

Oct 20. 1882.

Cast on a random line, bet. Secs. 11 & 14.

Var.  $12^{\circ}40' E.$

Descend

4000 Set temporary  $1/4$  sec cor.

80.20 Intersect N.S. line 19 lbs S. of cor. to Secs. 11. 12. 13 & 14 from which corner I run  $S. 89^{\circ}52' W.$  on a true line, bet. Secs. 11 & 14. with same va.

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S. 10 N. R. 27 E

chains

40.10

Set a Basalt stone  $20 \times 6 \times 6$  ins. 15 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.

80.20 The corner to Secs. 10, 11, 14 &amp; 15.

Land gently rolling  
 Good grazing.  
 Soil 2<sup>d</sup> rate.

North bet. Secs. 10 &amp; 11

Var.  $12^{\circ} 50'$  E!

Level

40.00

Set a Basalt stone  $24 \times 9 \times 6$

S. 10 N. R. 27 E.

chains

ins. 18 ins. in the ground, for  
 $\frac{1}{4}$  sec. Cor. marked  $\frac{1}{4}$  on N.  
 face and raised a mound  
 of stone alongside, pits imp-  
 racticable.

80.00

Set a Basalt stone  $27 \times 16 \times 4$   
 ins. 19 ins. in the ground for  
 cor. to Secs. 2, 3. 10 & 11. marked  
 with 2 notches on E & 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 alongside.  
 Land good grazing & level  
 Soil 2 $\frac{1}{2}$  rate, sloping  
 easterly.



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T. 10 N. R. 27 E.

Chain

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

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

Descend gradually

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

75.30 Wash course North, soon  
turns East.

80.25 Intersect N.S. line 30 lks

N. of cor. to Secs. 1, 2, 11 & 12  
from which corner I run  
N.  $89^{\circ} 47' W$ . on a true line  
bet. Secs. 2 & 11. with same or.

40.12 Set lava stone  $16 \times 12 \times 9$  ins.

11 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N face,  
dug pits  $18 \times 18 \times 12$  ins. E. N. of  
stone  $5 \frac{1}{2}$  ft. dist. and raised a  
mound of earth  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$

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T. 10 N. R. 27 E.

Chains

ft. base alongside.

80.25 The corner to Secs. 2, 3, 10 &amp; 11.

Land gently rolling.

Good grazing.

Soil 2<sup>d</sup> rate.North on a random line  
bet. Secs. 2 & 3.Var.  $14^{\circ} 14' E$ .

Level

40.00 Set temporary  $\frac{1}{4}$  sec. cor. in80.48 Intersect N. Ry. off sp. 18  
lbs W. of cor. to Secs. 2, 3, 34,

L 35, which is a

Limestone set firmly  
in the ground prop  
erly notched

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S. 10 N. R. 27 E.

chains

with pits and  
earth mound on  
E. side.

Thence 2 mm S. 8' W. on a  
true line bet. Secs. 2 & 3.  
with same ea.

40.48 Set a Basalt stone 24 x 11 x 10  
ins. 18 ins. in the ground  
for 1/4 sec. cor. marked off  
on W face, and raised a  
mound of stone alongside  
Pit unperceivable.

80.48 The corner to Secs. 2, 3, 10 & 11.  
Land rolling  
Good grass  
soil 2<sup>d</sup> rate.

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S. 10 N. R. 27 E.

chains

From the corner to Sec.  
3. 4. 33 & 34 on S. By of  
Sp. which is a Limest-  
one properly notched  
set firmly in the  
ground with  
stone around on  
E. side.

Thence I run North bet.  
Secs. 33 & 34.

Var.  $12^{\circ} 59' E!$

Descend

7.80 Wash 20 lbs wide course N.  $30^{\circ} E!$

Ascend

40.00 Set at Basaltstone  $1429 \times 6$  ins.  
9 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N. face

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S. 10 N. R. 27 E.

chains

dug pits 18x18x12 ins. Ned.  
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.

61.50 Top of round Hill 200 ft. high  
descend

80.00 Set a Basalt stone 15x7x5 ins.  
16 ins. in the ground for Cor.  
to Secs. 27, 28, 33x34. marked  
with 3 notches on E + 1 notch  
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  
alongside.

Land Rolling

Soil 2<sup>d</sup> rate, Good grass.

## S. 10 N. R. 27 E.

chains

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

Var.  $15^{\circ} 10' E.$

ascend gradually

3.57 Top of hill 220 ft. high come  
h.  $55^{\circ} E$  descend

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

49.90 <sup>cross</sup> Wash 85 lbs wide come h.  $61^{\circ} E.$   
continue to descend

60.40 Wash 100 lbs wide come h. 2000  
turns. N. E.

80.25 Intersect W.S. line 26 lbs  
S. of cor. to Secs. 26, 27, 34 & 35,  
from which corner I run  
 $S 89^{\circ} 49' W.$  on a true line,  
bet. secs. 27 & 34 with same va.

40.12 Set a lava stone  $14 \times 10 \times 8$  ins.  
gins. in the ground, for  $\frac{1}{4}$

S. 10 N. R. 27 E.

chains

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.

80.25 The corner to Secs. 27, 28, 33  
land broken & rocky & hilly  
Soil 3<sup>d</sup> rate  
good grazing.

North bet. Secs. 27 & 28  
Cor.  $150 \ 10' \ E.$

Descend

40.00 Set a sandstone  $18 \times 9 \times 7$  ins.  
 $12$  ins. in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on W.

T. 10 N. R. 27 E.

Chairs

dug pits 18x18x12 ins. W.S. of  
stone 5/2 ft. dist. and raised,  
a mound of earth 1/2 ft. high  
3/4 ft. base alongside.

59.41 Cross Wash holes wide come  
N. 12° W. ascend.

80.00 Set a Basalt stone 19x12x4  
ins. 12 ins. in the ground for cor-  
b. 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 sloping north  
Soil south half rocky  
Some good grazing.



S. 10 T. 27 E.

chains

East on a random line, bet.  
Secs. 22 & 27.Var.  $13^{\circ} 04' E$ .

Almost level.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.91 Intersect N. & S. line 38 lks  
S. of corner to Secs. 22, 23,26 & 27. from which corner  
I run S.  $89^{\circ} 46' W$ . on a true  
line, bet. Secs. 22 & 27. Same as

39.95 Set a Lava stone 21. 17 &amp; 6 ins.

15 ins. in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N.  
face, dug pit 18 & 18 & 12 ins.Et W. of stone 5 ft. dist.  
and raised a mound of  
stone alongside.79.91 <sup>Pit in center of stone</sup> The corner to Secs. 21, 22, 27

T. 10 N. R. 27 E.

Claimed  
Land level  
Good grazing.  
Soil 2<sup>d</sup> rate.

North bet. Secs. 21 + 22.

Var. 13° 4' E!

Descend

4000 Set at Basalt stone 25 x 11 x 7 ins.

18 ins. in the ground, for 1/4  
sec. Cor. marked 1/4 on N.

face, dug pit 18 x 18 x 12 ins.

On S. 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.

69.50 Wash 12 lbs wide corner N.

74° E!

8000 Set at Basalt stone 29 x 15 x 10 ins.

## BOOK 71

S. 10 N. R. 27. E.

chains

21 ins. in the ground, for cor.  
 to secs. 15, 16, 21 & 22, marked  
 with 3 notches on E & S. edges.  
 dug pits 18 x 18 x 12 ins. in each  
 sec. 5 ft. dist. and raised  
 a mound of earth 2 ft high  
 4 ft. base along side  
 land level  
 Good grazing  
 Soil 2<sup>d</sup> rate.

Cost on a random line bet.  
 secs. 15 & 22.

Var.  $14^{\circ} 3' E!$

Des cend

18.75 Wash 10 lbs wide course N 15<sup>o</sup> E!  
 ascend

## T. 10 N. R. 27 E.

- chains  
 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect N & S. line 20 lks S.  
 of cor. to Secs. 14, 15, 22 & 23.  
 from which corner I run  
 S.  $89^{\circ}51'$  W. on a true line  
 bet. Secs. 15 & 22. with saw or  
 40.03 Set a Basalt stone  $18 \times 9 \times 7$   
 ins. 12 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  
 80.06 The corner to Secs. 15, 16, 21 & 22  
 Land Rough & Rocky  
 Soil 3<sup>d</sup> rate.

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S. 10 N. R. 27 E.

Chains

North bet. Secs. 15 &amp; 16.

Torr.  $14^{\circ}$   $9'$  E.

Descending.

4000 Set a Basalt stone  $22 \times 15 \times 7$   
 ins. 15 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  $5'$  dist.  
 and raised a mound of earth  
 $1\frac{1}{2}'$  high  $3'$  base along  
 side.

8000 Set a Basalt stone  $17 \times 9 \times 4$   
 ins. 12 ins. in the ground for  
 Cor. to Secs. 9, 10, 15 & 16.  
 marked with 3 notches on E.  
 & 4 notches on S. edges, dug  
 pits  $18 \times 18 \times 12$  ins. in each  
 sec.  $5'$  dist. and raised

S. 10 N. R. 27 E.

chains

a mound of earth 2 ft. high  
 4 1/2 ft. base along side.  
 sand rough & rocky  
 Soil 3<sup>d</sup> rate  
 Good grazing.

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

Var.  $14^{\circ} 05' 18''$

ascend

40.00 Set temporary 1/4 sec cor.

80.11 Intersect N & S. line 17 lks

N. of cor. to Secs. 10. 11. 14 & 15.

from which corner E run

N.  $89^{\circ} 53' 27''$  on a true line  
 bet. Secs. 10 & 15. with same ca.

40.05 Set a Basalt stone 20 & 15 & 6

BOOK 71

S. 10 N. R. 27 E.

chains

ins. 15. ins. in the ground,  
for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$   
on N. face, dug pit 18x18x12  
Ex W. of stone 5  $\frac{1}{2}$  ft. dist.  
and raised a mound of  
stone alongside. Pits impracticable

80.11

The cor. to sec. 9-10-15+16  
Land rolling.

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

North bet. Secs. 9+10.

Var. 14° 5' E!

Rolling hills.

40.00

Set Basaltic stone 22x11x7  
ins. 16 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
N. face, and raised a

T. 10 N. R. 27 E

Acino

mound of stone alongside  
Pits impracticable.

8000

Set Basalt stone 18x7x6 ins.  
12 ins. in the ground, for cor.  
to Secs. 3, 4, 9 & 10. marked  
with 3 notches on E & 5 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 along  
side.

Land rolling.

Soil 2d rate

Good grazing.

Cast on a random line,  
bet. Secs. 3 & 10.



S. 10 In. R. 27 E.

Chains

Var.  $14^{\circ} 39' E$ 

Descend gradually

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.87 Intersect West. line 30  
lks S. of cor. to Secs. 2, 3, 10 & 11  
from which corner I run  
S.  $89^{\circ} 47' W$ . on a true line  
bet. secs. 3 & 10 with same ca.39.93 Set a Basalt stone  $21 \times 7 \times 6$  ins.  
15 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.79.87 The corner to Secs. 3, 4, 9 & 10.  
Land Rolling  
Good grass.  
Soil 2<sup>d</sup> rate.

N. 10 N. R. 27 E.

chains

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

Var.  $14^{\circ} 39' E$

40.00  
80.40

Set temporary  $1/4$  sec. cor.  
Intersect N. B'y of Sp. 40 lbs  
N. of cor. to Secs. 3, 4. 33 x 34  
which is a Limestone  
set firmly in the ground  
properly notched  
with pits and mound  
of earth on E. side.

Hence I run  $S^{\circ} 17' W$ . on  
a true line bet. Secs. 3 & 4  
with same va.

40.40

Set a Basket stone 23 x 11 x 6  
ins. 18 ins. in the ground for  
 $1/4$  sec. cor. marked  $1/4$  on

S. 10 N. R. 27 E.

Chains

W. face, and raised a  
 mound of stone along side,  
 pits unpracticable

80.40 The Corner to Secs. 3, 4, 9 & 10  
 Land rough & Rocky  
 Soil 3 & 4 rate  
 some good grazing.

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From the Corner to Secs.  
 4, 5, 32 & 33, on S. By of  
 Sp. which is a limestone  
 set firmly in the ground  
 properly wotched, with  
 pits and mound of  
 earth on E. side.

From North bet. Secs. 32 & 33.

## N. 10 N. R. 27 E.

chains

Var.  $12^{\circ} 3' E'$ 

Descend

7.80 Wash 20 lbs wide course N.  $30^{\circ} E'$ 

Ascend

46.00 Set a lava stone  $14 \times 6 \times 4$  ins.9 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  on N.face, dug pits  $18 \times 18 \times 12$  ins.N. & S. of stone  $5 \frac{1}{2}$  ft. dist.and raised a mound of  
earth  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft. base  
along side.

61.50 Top of hill 200 ft high

80.00 Set a Basalt stone  $18 \times 7 \times 5$ .

ins. 12 ins. in the ground

for cor. to Secs. 28, 29, 32 &amp; 33.

marked with 4 notches  
on E & 1 notch on S. edges.

N. 10 W. R. 27 E.

chains

dug pits 18x18x12 ins. in each sec. 5/8 ft. dist. and raised a mound of earth 2 ft high 4 1/2 ft. base along side.

Land high & rolling  
Good grazing.  
Soil 2d rate.

East bet. Sec. 28 & 33.

Var. 11° 50' E

Descend

40.00 Set temp. 1/4 sec. cor.

68.80 Wash 10 lbs wide course N.

Ascend

80.17 Intersect red line 13 lbs N.  
of cor. to Secs. 27, 28, 33 & 34

S. 10 N. R. 27 E.

chains

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

40.08 Set a Basalt stone  $19 \times 8 \times 6$  ins.  
12 ins. in the ground, for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  on N face, and  
raised a mound of stone  
along side. Rts impracticable

80.14 The corner to Secs. 28, 29, 32 & 33.  
Land rolling and nearly level  
Soil 2d & 3d rate  
Good grazing.

North bet. Secs. 28 & 29.

Var.  $12^{\circ} 50'$  E.

Des and

37.60 Wash 100 ft wide course N. E.

BOOK 71

S. 10 N. R. 27 E.

Chain

Ascend

40.00 Set Basalt stone  $16 \times 8 \times 6$  ins.  
 11 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$   
 on W. face, and raised  
 a mound of stone alongside.  
 Pit impracticable.

64.00 Top of ridge 3 ft high  
 come N.  $30^\circ$  E. descend.

80.00 Set Basalt stone  $16 \times 5 \times 7$   
 ins. 11 ins. in the ground,  
 for cor. to Secs. 20. 21. 28 & 29.  
 marked with 4 notches on  
 E & 2 notches on S. edges,  
 and raised a mound of  
 stone alongside, Pit imp-  
 racticable.

Land Rolling

N. 10 N. R 27 E.

chain

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

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

Var. 12° 15' E.

Ascend

20.65 Top of round Hill 200ft.  
high, descend

40.00 Set temporary 1/4 sec. cor.

61.75 Wash 50 lks wide course E.  
continue to descend.

79.90 Wash 44 lks wide course N.  
Ascend

80.10 Intersect N.S. line 30 lks  
N. of cor. to Secs. 21, 22, 27 & 28  
from which comes down



N. 10 h. R 27 E

chains

N.  $89^{\circ}46'$  W. on a true line  
bet. Secs. 21 & 28. with same as

40.05 Set a sandstone  $23 \times 19 \times 5$  ins.  
18 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.

80.10 The corner to Secs. 20, 21, 28 & 29  
Land rolling hills  
Good grazing  
Soil 2d rate.

North bet. Secs. 20 & 21  
Var.  $12^{\circ}17'$  E.

## S. 10 N. R. 27 E.

chains

Descend

37.12 Foot of Hill br N.  $64^{\circ}$  E.

continue descend—

40.00 Set a Sandstone  $19 \times 12 \times 4$  ins.14 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 Lava stone  $24 \times 13 \times 8$  ins. 18 ins. in the ground for cor. to Secs. 16, 17, 20 & 21. marked with 4 notches on E. & 3 notches on S. edges, dug pits  $18 \times 18 \times 12$  ins. in each sec.  $5\frac{1}{2}$  ft. dist. and

S. 10 h. R. 27 E.

Chains

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

land on South half is more broken, than level.

Good grazing

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

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

Oct. 12. 1882.

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

T. 16 N. R. 27 E.

- Var.  $13^{\circ} 33' E.$   
 over rolling hills.
- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 80.40 Intersect N. & S. line, 61 lbs  
 N. of cor. to Secs. 15, 16, 21 & 22  
 from which corner I run  
 N.  $89^{\circ} 34' W.$  on a true line  
 bet. secs. 16 & 21. with same ca.
- 40.20 Set a Basalt stone  $19 \times 10 \times 6$   
 ins.  $14$  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 along side.
- 80.40 The corner to Secs. 16, 17, 20 & 21  
 Land rough & rocky

N. 10 N. R. 27 E

chain

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

North bet. Secs. 16 & 17.

Var. 13° 33' E'

Descend

40.00 Set Basaltstone 21 x 10 x 7  
 ins. 15 ins. in the ground  
 for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  on N. face, dug pit 18 x  
 18 x 12 ins. N.W. of stone  $5\frac{1}{2}$   
 ft. dist. and raised a  
 mound of earth  $1\frac{1}{2}$  ft.  
 high  $3\frac{1}{2}$  ft. base alongside.

80.00 Set Basalt stone 20 x 10 x 6  
 ins. 15 ins. in the ground  
 for cor. to Secs. 8, 9, 16 & 17.

T. 10 N. R. 27 E

hairs

marked with 4 notches  
on E & 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 rough & rocky  
Soil 3<sup>d</sup> rate  
Good grazing.

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

Var. 12° 44' E!

40.00 Set temporary 1/4 sec. cor.

80.30 Intersect N. & S. line 20 lbs

N. of cor. to Secs. 9, 10, 15 & 16  
from which corner I am

S. 10 N. R. 27 E.

Chains

N.  $89^{\circ}51'$  W. on a true line, bet. Secs. 9 & 16. with same var.

40.15 Set a Basalt stone  $24 \times 11 \times 7$  ins. 18 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N face, dug pits  $18 \times 18 \times 2$  ins. E & W. of cor.  $5 \frac{1}{2}$  ft. dist. and raised a mound of earth  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft. base alongside.

80.30

NE corner to Secs. 8, 9, 16 & 17.

Land rolling

Soil 2<sup>d</sup> rate

Good grazing.

North bet. Secs. 8 & 9.

Var.  $120^{\circ}44'E$

BOOK 71

S. 10 H. R. 27 C.

chains

descend

4000

Set a Basalt stone 1574x7  
 ins. 10 ins. in the ground,  
 for  $\frac{1}{4}$  sec. bor. marked  $\frac{1}{4}$   
 on W. face and raised a  
 mound of stone alongside  
 Pits impracticable.

8000

Set a Basalt stone 1610x6  
 ins. 11 ins. in the ground  
 for cor. to Secs. 4, 5, 8 & 9  
 marked with 4 notches  
 on E & 5 notches on S. edge,  
 and raised a mound of  
 stone alongside, Pits  
 impracticable  
 Land Rolling  
 Soil 2d oak  
 Good grazing.



N. 10 N. R. 27 E.

Chains

East on a random line  
bet. Secs. 4 & 9.  
Var.  $22^{\circ} 18' E$ !

Ascend

35.15 Top of ridge 50 ft high  
course N.  $29^{\circ} E$ . Descend

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

80.12 Intersect N. & S. line 30 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. with same va.

40.06 Set a Basalt stone  $10 \times 8 \times 4$   
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. N. of stone  $5 \frac{1}{2}$  ft. dist.  
and raised a mound of earth  $\frac{1}{4}$  ft.

## Subdivisions N. 10 N. R. 24 E. continue

chains  
 80.12 high 3 1/2 ft. base alongside  
 The corner to Secs. 4, 5, 8 & 9.  
 Land rolling & rocky  
 Soil 2d rate  
Good grazing.

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

Var. 22° 18' E!

Ascend gradually

40.00 Set temporary 1/4 sec. cor.

52.17 Top of spur soft. high corner  
 N. W. Descend

80.40 Intersect N. By of Sp. 20 lbs  
 E. of cor. to Secs. 4, 5, 32 & 33.  
 which is a limestone

## BOOK 71

N. 10 h. R. 27 E.

chain

set firmly in the ground,  
properly notched, with  
pit and earthen mound  
on E. side.

Thence I run S. 90 E. on  
a true line bet. Secs. 4 & 5.  
with same va.

40.40 Set a Basalt stone  $19 \times 10 \times 7$   
ins. 14 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 stone  
 $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base along side.

~~52.40~~ ~~54.40~~ ~~56.40~~ ~~58.40~~ ~~60.40~~ ~~62.40~~ ~~64.40~~ ~~66.40~~ ~~68.40~~ ~~70.40~~ ~~72.40~~ ~~74.40~~ ~~76.40~~ ~~78.40~~ ~~80.40~~  
80.40 In corner of Secs. 4, 5, 8 & 9.  
Land Rolling

BOOK 71

S. 10 N. R. 27 E.

chains

Soil 2<sup>d</sup> rate, Good grazing  
Water in Ponds.

---

From the corner of Secs.  
31 & 32 on S. By of  
Sp. which is a Sand-  
stone properly notched  
with pits and earth  
removed on E. side,  
stone set firmly in the  
ground.

Hence I run North bet.

Secs. 31 & 32. r

Var.  $12^{\circ} 28' E.$

Ascend.

## BOOK 71

S. 10 N. R. 27 E.

chains

15.60 Top of spur 50 ft. high to N. 70° W.  
descend

46.00 Set a Basalt stone 18 x 9 x 8 ins.  
12 ins. in the ground, for 1/4  
sec. cor. marked 1/4 on  
W. face, and raised a  
mound of stone alongside  
Pit ~~impracticable~~.

76.20 Wash 16 lbs wide curve N. 46° W.  
ascend

80.00 Set a Basalt stone 20 x 8 x 4  
ins. 15 ins. in the ground  
for ~~cor.~~ trees. 29. 30. 31 x 32.  
marked with 5 notches on  
E. & 1 notch on S. edge, and  
raised a mound of stone  
alongside <sup>Pit ~~impracticable~~</sup> from which  
a Juniper 22 ins. dia. to S. 36° E. 397 ~~feet~~

BOOK 171

S. 10 N. R. 27 E.

Chains

marked S. 10 N. R. 27 E. S. 32 B. S.  
 Land rolling somewhat rocky  
 Water in West portion  
 of Sec. 31.  
 Good grass  
 Soil 2<sup>d</sup> rate.

---

East on a random line  
 bet. Specs. 29 & 32.

Var.  $11^{\circ} 23' E.$ 

Ascend

46.00 Set temporary  $\frac{1}{4}$  sec. cor.56.00 Top of Ridge 50 ft. high course  
N.  $23^{\circ} E.$  descend60.30 Wash 100 ft. wide course N.  $10^{\circ} E.$ 69.60 Top of spur 4 ft. high course  
N.  $20^{\circ} E.$

## BOOK 71

A. 10 N. R. 27 E.

- chains  
80.23 Intersect N + S. line  
14. lks S. of cor. to Secs. 28.  
29, 32 & 33. from which  
corner I run S.  $89^{\circ} 53' 20''$   
on a true line bet. Secs.  
29 & 32, with same va.
- 40.12 Set a Basalt stone 16 x 8 x 6  
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, Pts  
impracticable.
- 80.23 The corner to Secs. 29, 30.  
31 & 32.  
Land rolling  
Soil 2<sup>d</sup> rate  
Good grazing.

## N. 10 N. R. 27 E.

chain

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

Var.  $11^{\circ} 23' E.$

Descend

4.00 Wash 10 lbs wide, come N. W  
ascend

18.00 Top of spur 20 ft high come N. W.  
descend

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

62.17 Wash 20 lbs wide come N.  $27^{\circ} E.$   
ascend

79.63 Intersect W. By of Sp. 17 lbs  
S. of cor. to Secs. 25, 30, 31 & 36  
which is a Basalt stone  
marked with 5 notches on  
N. and 1 notch on S. edges,  
with mound of stone along  
side. from which as per



## S. 10 N. R. 27 E.

chains

Pine 12 ins. dia br. S 47° E. 50 lbs dist.  
marked S. 9 N. R. 26 E. 27 E. S 36 B. D.

aspence 9 ins. dia br. N 45° W. 15 lbs dist.  
marked S. 9 N. R. 26 E. S 25. B. D.

Spence 2 mm S. 89° 53' E.  
on a true line, bet. Secs.

30 & 31, with same ea.

39.63 Set a Basalt Stone 21 x 10 x 8  
ins. 15 ins. in the ground  
for 1/4 sec. cor. marked 1/4  
on N face, and raised a  
mound of stone along side  
Pits impracticable

79.63 The corner to Secs. 29. 30  
31 & 32.

Land rolling

Good grazing  
Soil 2d. rate

Oct. 13. 1882

N. 10 N. R. 27 E.

chain

North bet. Secs. 29 & 30

Var. 11° 23' E!

ascend

20.00 Top of spur 25 lbs high, come  
N. W. descend

40.00 Set a Basalt stone 24 x 14 x 4  
ins. 18 ins. in the ground, for  
1/4 sec. cor. marked 1/4 on  
N. face, and raised a mound  
of stone alongside, Pts  
imperceptible.

66.45 Wash 10 lbs wide course N. 20° E.  
ascend

73.80 Spur 15 lbs high come N. 27° E!  
descend

80.00 Set a Basalt stone 16 x 8 x 6 ins.  
11 ins. in the ground, for Cor.  
to Secs. 19. 20. 29 & 30. marked

N. 10 N. R. 27 E.

Chains

with 5 notches on E. & 2  
notches on S. edges, and  
raised a mound of stone  
alongside Pto impracticable  
Land rough  
Good grass  
Soil 3<sup>d</sup> rate

---

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

Cor. 14° 15' E.

ascend

4.10 Popoispur 25 ft. high, come  
N 20° E descend

36.80 Wash 11 lbs wide course N. 15° E.

ascend

40.00 Set temporary 1/4 sec. cor.

N. 10 N. R. 27 E.

chains

- 80.21 Intersect N.S. line 16 lks  
S of cor. to Secs. 20, 21, 28 & 29,  
from which corner I run  
S.  $89^{\circ} 53' W.$  on a true line,  
bet. Secs. 20 & 29, with same va.
- 40.10 Set a Basalt stone 14 x 8 x 6 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, Pits irreg-  
recticall.
- 80.21 The corner to Secs. 19, 20, 29 & 30.  
Land rough  
Good grass  
Soil 3<sup>d</sup> rate

West on a random line

S. 10 N. R. 27 E.

Chains

bet. Secs. 19 & 30.

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

descend

12.15 Rocky gulch 35 lbs wide corner

N.  $37^{\circ} E$  ascend

26.80 Top of spur 25 lbs high corner

N. E. descend

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

7.9.82 Intersect W. Ry of Sp. 17 lbs

S. of cor. to Secs. 19, 24, 25 & 30,

which is a Bossett stone marked

with 4 notches on N. and 2

notches on S. edges, and

wound of stone alongside

with Bearing tree in N. E. S. W. and

N. W. sec. all properly marked

Hence I run S.  $89^{\circ} 53' E$

on a true line bet. Secs. 19 & 30.

T. 10 N. R. 27 E.

chains

same var.

39.82 Set a Basalt Stone 22 x 10 x 9 ins.  
16 ins. in the ground for 1/4 sec.  
Cor. marked 1/4 on N face,  
and raised a mound of stone  
alongside Pits impracticable.

79.82 The corner to Secs. 19. 20. 29 x 30  
Land Rolling  
Soil 2<sup>d</sup> rate  
Fine Grass.

North bet. Secs. 19 x 20.

Var. 14° 15' E!

Descend

10.08 Wash 25 lbs wide corner N. 25° E!

ascend

40.00 Set a Basalt stone 17 x 12 x 8 ins.

BOOK 71  
 N. 10 N. R. 27 E.

Chains

12 ins. in the ground, for  $\frac{1}{4}$  sec.  
 Cor. marked  $\frac{1}{4}$  on N. face,  
 and raised a mound of  
 stone along side, Pits imprac-  
 ticable.

68.00 Top of Spur left high to 2.37<sup>05</sup>  
 descend.

80.00 Set a Blue Limestone  
 30 x 12 x 4 ins. 22 ins. in the  
 ground for cor. to Secs. 17, 18  
 19 x 20. marked with 5  
 notches on E + 3 notches on  
 S edges, and raised a mound  
 of stone along side, Pits  
 impracticable  
 Land Rolling.  
 Fine grass.  
 Soil 2<sup>d</sup> rate.

---

## S. 10. N. R. 27 E.

chains

East on a random line, bet  
Secs. 17 & 20.Var.  $13^{\circ} 54' E$ 

Ascend

18.40 Top of spur 40ft high course N. E  
descend35.25 Wash 21 lbs wide course N.  $17^{\circ} E$   
ascend40.00 Set temporary  $\frac{1}{4}$  sec cor.80.13 Intersect N & S. line 11 lbs N.  
of cor. to Secs. 16, 17, 20 & 21.from which corner I run  
N.  $89^{\circ} 55' W$ . on a true line  
bet. Secs. 17 & 20. with 0 annos.40.06 Set a Basalt stone 16 & 8 & 6 ins.  
11 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N face  
and raised a mound of



## BOOK 71

A. 10 h. R. 27 E.

chains

stone alongside, Pits imp-  
racticable80.13 The cor. to Secs. 17, 18, 19 & 20  
Land rough & rocky  
Good grazing.  
Soil 3<sup>d</sup> rate.West on a random line,  
bet. Secs. 18 & 19.Var.  $13^{\circ} 57' E$ 

Descend

12.09 Wash 10 lks wide, course N.  $27^{\circ} E$   
ascend4000 Set temporary  $\frac{1}{4}$  sec. cor.63.25 Road to Saw Mill to  
N.  $15^{\circ} E$ 

79.90 Intersect W. Ry of Sp. 15 lks

S. 10 N. R. 27 E.

chains

S. of cor. to Secs. 13, 18, 19 & 24  
which is a Basalt stone,  
marked with butches on N & S  
edges, with bearing trees,  
in each sec. properly  
marked, and mound of  
stone alongside.

Thence I run S.  $89^{\circ}53'8''$   
on a true line bet. Secs. 18 & 19  
with same ea.

39.90 Set a Basalt stone  $15 \times 10 \times 3$  ins.  
10 ins. in the ground for  $1/4$   
sec. cor. marked  $1/4$  on N face,  
and raised a mound of stone  
alongside, Pit inoperative.

79.90 The corner to Secs. 17, 18, 19 & 20.  
Land rough & rocky  
Good grazing & Soil 3<sup>d</sup> rate

N. 10 N. R. 27 E.

chains

North bet. Secs. 17 & 18

Var.  $13^{\circ} 57' E$

descend

10.10 Wash 50 lbs wide course N.E.

ascend

25.40 Top of spur 60 ft. high course  $h. 37^{\circ} E$

descend

4000 Set a Basalt stone  $21 \times 12 \times 10$  ins.

15 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 unpracticable

8000 Set a Basalt stone  $10 \times 8 \times 8$  ins.

7 ins. in the ground, for  
cor. to Secs. 7, 8, 17 & 18. marked  
with 5 notches on E & 4 notches  
on S. edges, dry pits  $18 \times 18$  ins.

S. 10 N. R. 27 E.

chains

ins. in each sec. 5/2ft. dist.  
and raised a mound of earth  
2ft. high 4/2ft. base alongside.

Land Rolling

Soil 2d. rate

Good grazing.

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

Var. 12° 33' E.

Ascend

16.40 Tap of spurs 4ft high, course  
N. 37° E. descend

40.00 Set temporary 1/4 sec. cor.

40.40 Wash 35 lbs wide, course N.

80.19 Intersect N. & S. line 30 lbs  
N. of cor. to Secs. 8, 9, 16 & 17.

N. 10 W. R. 27 E.

chains

from which corner I run  
N. 89° 47' W. on a true line,  
bet. Secs. 8 & 17. with same va.

40.09 Set a Basalt Stone 20 x 14 x 14  
ins. 15 ins. in the ground for  
1/4 sec. cor. marked 1/4 on N.  
face, and raised a mound  
of stone alongside, Pits  
impracticable.

80.19 The cor. to Secs. 7, 8, 17 & 18.  
Land rolling & rocky  
Soil 3<sup>d</sup> rate

Water along washes in tanks.  
Carefully examined the  
adjustments of my solar compass  
today, particularly the  
latitude and reversing  
apparatus, and found them  
correct. Oct. 14, 1882.

S. 10 h. R. 27 E.

chains

West on a random line  
bet. Secs. 7 & 18.

Var.  $12^{\circ} 33' E.$

descend

28.25 Sawe Mill Road corner E.

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

80.05 Intersect W. By of Sp.

20 lks S of cor. to Secs. 7, 12, 18 & 19.

which is a Basalt  
stone marked with  
2 notches on N & 4 notches  
on S. edges, and mound  
of stone along side.

Thence run S.  $89^{\circ} 51' W.$  on  
a true line, bet. sec. 7 & 18  
with same va.

40.05 Set at Basalt stone  $19 \times 9 \times 7$

S. 10 N. R. 27 E.

Chairs

ins. 14 ins. in the ground  
for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$   
on N face, and raised a  
row of stone along side  
Pits impracticable.

80.25 The corner to Secs. 7, 8, 17 & 18.

Land rough & rocky

Soil 3<sup>d</sup> rate

Good grass.

High Butte in S. W.  $\frac{1}{4}$  sec 18.

North on a ~~random~~ line  
bet. Secs. 7 & 8.

Var. 12° 33' E!

Descend

4000 Set a Bassett stone 21 x 15 x 5  
ins. 15 ins. in the ground

## T. 10 N. R. 27 E.

chains

for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$   
 on W. face, dug pits 18+18+12  
 ins. W.S. of stone  $5\frac{1}{2}$  ft. dist.  
 and raised a mound of  
 earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
 alongside.

57.10 Saw Mill Road br N.  $10^{\circ}$  E.

78.90 Wash 15 lbs wide course N.  $11^{\circ}$  E.  
 ascend

80.00 Set a Basalt stone 20+19+6  
 ins. 15 ins. in the ground  
 for cor. to Secs. 5, 6, 7+8  
 marked with 5 notches  
 on E. S. edges, and raised  
 a mound of stone along-  
 side Pits impracticable.

Land Rolling

Soil 2<sup>d</sup>. out, good grass.



N. 10 N. R. 27 E.

chain

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

Var.  $12^{\circ} 38' E$

Descend

.75 Wash 15 lbs wide course N.  $20^{\circ} E$   
ascend

3.25 Road to Saw Mill by  $10^{\circ} E$

7.50 Top of spur 50 ft. high course  
N.  $27^{\circ} E$  Ascend

32.25 Wash 20 lbs wide course N.  $10^{\circ} W$   
ascend

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

80.60 Intersect N & S. line 37 lbs  
S. of cor. to Secs. 4, 5, 8 & 9,  
from which corner I run

S.  $89^{\circ} 45' W$ . on a random  
line bet. Secs. 5 & 8. with same var.

40.30 Set a Basalt stone  $15 \times 9 \times 6$  ins.

N. 10 N. R 27 E.

chains

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, Pits impracticable  
 80.60 The corner to Secs. 5, 6, 7 & 8  
 Land Rolling  
 good grazing.  
 Soil 2<sup>d</sup> rate.

---

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

Var.  $12^{\circ} 38' E!$

ascend

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

46.15 Tip of spur course N.  $37^{\circ} E!$   
 descend.

79.99 Intersect W. Bay of Sp.

N. 10. N. R. 27 E.

Chains

19 lbs N. of cor. to Secs. 1.6.  
7 x 12. which is a Basalt  
stone marked with 1  
notch on N. & 5 notches on  
S edges, and mound of  
stone alongside.

Thence Down N. 89° 52' E.  
on a true line, bet. sec.  
6 & 7. with same va.

39.93 Set at Basalt stone 14 x 8 x 4  
ins. 10 ins. in the ground  
for 1/4 sec. cor. marked  
1/4 on N. face, dug pits  
18 x 18 x 12 ins. E. N. of  
stone 5 1/2 ft. dist. and  
raised a mound of earth  
1 1/2 ft. high 3 1/2 ft. base alongside.

S. 10 N. R. 27 E.

chains  
79.93

The corner to Secs. 5, 6, 7 & 8.  
Land Rolling & rocky  
Soil 3<sup>d</sup> rate  
Good grazing.

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

Var. 12° 38' E.

Descend

- 40.00 Set temporary 1/4 sec. cor.
- 57.60 Enter dry Basin to E. W.
- 73.20 Leave Basin bear N 30° E'
- 80.11 Intersect N. Ry. off Sp.
- 40 lbs W. of cor. to Secs. 5, 6  
31, 32. which is a  
limestone set firmly  
in the ground

## S. 10 N. R 27 E.

chains

properly notched, with pits and earth mounds established as per instructions of old Mammal. Thence I run S. 17' W. on a true line bet. Secs 5 & 6. with same or.

40.11. Set a Basalt stone 16 x 9 x 7 ins. 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W face dug pit 18 x 18 x 2 ins. N.E. of stone, 5' east. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high 3' ft. base alongside

80.11 The corner to Secs. 5. 6. 7 & 8. Land is level in valley  
Soil 1st rate  
Good grazing.

BOOK 471

N. 10 N. R 27. E.

chain

East half is rough & rocky  
High and hilly in N. W 1/4  
Sec. 5.

Oct. 16. 1882.

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General Description  
This township's mountain  
are in Western & South  
Western parts.

There is considerable scatt-  
ering Juniper in the  
township, and especially  
in Western portion.

The grazing in all parts  
of the Township is good.  
There is Water in Tanks  
in several places.

The soil is mostly 2<sup>d</sup>.  
rate

There is a stone house,  
corral and garden fenced  
in Sec. 5, valued at \$300.  
Claimed by David Blair.

U. S. Surveyor General's Office,  
Tucson, Arizona,

Jan'y, 12, 1883

The foregoing Field Notes of the survey of

Subdivision Lines

Township 10 North,

Range 27 East,

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

D. S., under his contract of the 8<sup>th</sup> 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. W. Robbins

Surveyor General.