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Book No. **BOOK 1470**

No. 1470

# FIELD-NOTES

*See Index*

The **EXTERIOR** Lines of

Township *2 S, R. 9 and 10 E, and 1/2 S. 2 E.*

Range *9 and 10 East.*

Gila and Salt River Meridian **Arizona.**  
BY **BOOK 1470**

*A. C. Theaker* Deputy Surveyor,

under his contract of *Aug. 5<sup>th</sup>* 188

Survey commenced *June 21<sup>st</sup>* 188

Survey completed *June 30<sup>th</sup>* 188

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| " & "                   | " 3 "   | " 10 "  |  | 37    |
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BOOK 1470

BOOK 1470

BOOK 1470  
W. B. T. S. N. R. S. E. G. & S. R. M.

chains.

Survey made with Burt's Patent Improved Solar  
Compass, nearly new, and in first rate order. Made  
by Otto Senneel of Cassel  
Germany in 1881.

1A

W. B. T. 3 S., R. 8 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 3-4 S. W. Rs. 7 & 8 E,  
previously described.

I run North on a random line on W. B. of Tp.  
Va. 13° 58' East.

I set temporary corners at every half mile, and at 6 miles  
~~54~~ I arrive at a point 114 lks. West. of Cor. to Tps.  
2 S., Rs. 7 & 8 E,

which finding nearly destroyed, I reestablished same and

Set a post, 4½ ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Cor. to Tps. 2

and 3 S., R's 7 and 8 E, marked T, 2 S. S. 31  
on N. E. R. 8 E. S: 6 on S. E. T. 3 S. S. 1 on S,

W, and R, 7 E, S, 36 on N, W, faces, with 6 notches  
on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on

each line, N, S, E, and W, of post, 6 ft. dist, and  
raised a mound of earth 2½ ft. high, 5 ft. base

around post.

From which corner I run.

S. 8 W, on a true line between sections 1-6,

Va. 14° East.

W. B. T. S. L., R. P. E. G. & S. R. M.

No. 1470

chains.

Over rolling land.

- 40.54 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins. N and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 8 $\frac{1}{2}$  ft. base around post.
- 80.54 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1-6-7-12,  
marked T. S. L. S. 6, on N. E., R. S. E., S. 7  
on S. E., S. 12 on S. W. and S. 1 on N. W. face,  
with 5 notches on S. and 1 notch on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 3" rate

Vegetation, Bunchgrass.

W. B. T. & S. R. E. G. & S. R. M.

S. 8' W. on a true line between sections 7-12.  
Val 13' 38' East.

Over rolling land.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs 7-12-13-18,  
marked T. 3 S. 7, on N. E., R. P. C., S. 18  
on S. E., S. 13 on S. W. and S. 12 on N. W. face,  
with notches on S. and notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4  $\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 3" rate

Vegetation, Bunchgrass.

W. B. T. 3 S. R. S. E. G. & S. R. M.

S. S. W. on a true line between sections 13-18.

Pa. 18° 58' East.

Descend.

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

Over level land

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13-18-19-24  
marked T. 3 S. S. 18, on N. E., R. S. E., S. 19  
on S. E. <sup>P. 76.</sup> 2 on S. W. and S. 25 on N. W. face,  
with Notches on S. and Notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling and level.

Soil

3"

rate

Vegetation.

Bunchgrass.

Chains.

S. 8' W., on a true line between sections 19-24,  
Va. 13' 58" East.

Over level land

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19-24-25-30,  
marked  $\frac{1}{2}$  S. 19, on N. E., R 8 E., S. 30  
on S. E., S. 25 on S. W. and S. 24 on N. W. face,  
with 2 notches on S. and 4 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land level.

Soil 3" rate  
Vegetation, Bluegrass.

W. B. T. 3 S., R. 8 E. G. & S. R. M.

chains.

S. 8° W.  $\frac{1}{2}$  on a true line between sections 25-30,  
 Va. 13° 58' East.

Over level land

28.64 Cross Road, bears, N. 21° E. & S. 21° W.

40.00 Set a lava stone 14 x 14 x 8 ins. 14  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
 face, dug pits, 18 x 18 x 12 ins., N and S. of stone  
 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
 3 $\frac{1}{2}$  ft. base, alongside.

64.72 Cross Wash, 45 lks. wide, Course S. 63° W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 25-30-31-36,  
 marked T. 34. S. 30, on N. E., R. 8 E., S. 31  
 on S. E., <sup>R. 7 E.</sup> S. 36 on S. W. and S. 25 on N. W. face,  
 with 1 notch on S. and 5 notches on ~~W.~~ 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 3" rate  
 Vegetation, *Bunchgrass.*

W. B. T. & S. R. & E. G. & S. R. M.

Chains.

S. 8 W., on a true line between sections 31-36.

Va. 13° 58' East.

Over level land

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone, 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on W. face, dug pits, 18 x 18 x 2 ins. N. and 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 The Cor. to Tps. 3-4 S. & Rs. 7 & 8 E.

Land level.

Soil 3" rate

Vegetation, Bunchgrass.

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

June 21, 1884.

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

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

Thence:

From the Cor. to Tps. 2 - 3<sup>d</sup>. R. S. 8 & 9<sup>e</sup>,  
previously described.

I run West on a random line on N. B. of Tp.  
Va. 13° 51' East.

I set temporary corners at every half mile, and at 5 miles 78.18 chs. I arrive at a point 215<sup>th</sup> S of Cor. to Tps, 2-3<sup>d</sup>, R. 7-8<sup>e</sup>, previously described.

From which corner I run.

S 89° 45' E, on a true line between sections 6-31,  
Va. 14° East.

Descend.

38.18 Set a sand stone 16 x 10 x 5 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. Pits impracticable.

7 1/2  
 N. B. T. & S., R. 8 E. G. & S. R. M.

Cl Chains.

76.00 Enter Prairie, between N. & S.

78.18 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 5-6-31-32,  
 marked T. 2 S. S. 32, on N. E., R. S. E., S. 5  
 on S. E., <sup>S. 31</sup> S. 6 on S. W. and S. 31 on N. W. face,  
 with 1 notch on W. and 3 notches on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
 around post.

Land mountainous. and level.

Soil

3" rate

Vegetation, Bunchgrass.

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

Chains.

S. 89° 45' E. on a true line between sections 5-32,  
Va. 14° East.

Over level land

21.16 Cross Ravine, Course. S. 8° W.

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

71.27 Cross Phoenix and Florence  
Road, bears N. 28° W. & S. 28° E.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 11-5-32-33,  
marked T. 2 S. S. 35, or N. E., R. S. E., S. 4  
on S. E. S. 5 on S. W. and S. 32 on N. W. face,  
with 2 notches on W. and 4 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land level.

Soil B<sup>1</sup> rate.

Vegetation. Bunchgrass.

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

Chains.

8940<sup>0</sup> on a true line between sections 11 - 33.

Va. 13<sup>0</sup> 39' East.

Over level land

40.00

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

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 34-33-34  
marked T. 2 S. S. 34, or N. E., R. 8 E., S. 3  
on S. E., S. 4 on S. W. and S. 33 on N. W. face,  
with 3 notches on W. and 3 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land level.

Soil 3' rate.

Vegetation. Puncturegrass.

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

Chains.

S. 89.45' E. on a true line between sections 3-34.  
Va. 13° 39' East.

Over level land

28.77 Cross Wash, 18 lks. wide, Course S 27° W.

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

80.00 Set a Lava stone  $2\frac{1}{2}$  x  $1\frac{1}{2}$  x 9 ins. 6 ins. in  
the ground for Cor. to Secs. 2-3-34-35 marked  
with 4 notches on N and 4 notches on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
Land level.

Soil 3' rate.

Vegetation, Bunchgrass.

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

Chains.

By 45 Run a true line between sections 2 - 35,  
 Va 13' 38' East.

Over level land

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 1 - 2 - 35 - 36  
 marked T, S. 36, on N. E., R. S. E., S. 1  
 on S. E., S. 2 on S. W. and S. 35 on N. W. face,  
 with 5 notches on E. and 1 notch on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land level.

Soil 3' rate.

Vegetation, Pinegrass.

N. B. T. 3 S., R. 7 E. G. &amp; S. R. M.

Chains.

89<sup>00</sup> 45' On a true line between sections 1-36,  
 Va. 13<sup>00</sup> 58' East.

Over level land

40.00 Set a sand stone 26 x 16 x 6 ins. 19  
 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 The Cor. to Tps. 2-3 S. N. Rs. 5 & 9 E,

Land level.

Soil 3" rate  
 Vegetation., Bunchgrass.

June 23, 1884.

W. B. T. 1 S., R. 9 E. G. &amp; S. R. M.

Chains.

Resurvey

From the Cor. to Tps. 2 & 3 S., Rs. 8. & 9 E.,  
 I run North on a random line on W. B. of Tps  
 1-2 S., R. 9 E.,

Va. 13° 57' 30"

After diligent search, I am unable  
 to find any corner until at 1/10 miles, 1.10 chs.,  
 I arrive at a point 77 lks.

West of cor. to secs. 1-6-7-12 on  
 W. B. of 1 S., R. 9 E.,

being ~~found~~ nearly destroyed, I reestablished same and

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

12 ins. in the ground, for Cor. to Secs. 1-6-7-12,

marked T. 1 S. S. 6, on N. E., R. 9 E., S. 7

or S. E. S. 12 on S. W. and S. 1 on N. W. face,

with 5 notches on S. and 1 notch on N. edges;

dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,

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

around post.

From which corner I run.

S. 3° W., on a true line between sections 7-12,

Va. 13° 57' East.

I divide the excess of 1.10 chs.,  
 equally.

W. B. T. S., R. 9 E. G. & S. R. M.

Chains.

Descend. gradually.

15.00 Cross Wash, 30 lks. wide, Course S. W. and ascend.

40.05 Deposited a *chauced stake* 12 ins. in the ground, for 1/2 sec. cor., dug pits 18x18x12 ins. N and S of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/2 s. on N face.

50.00 Top of Hill bears N. E. & S. W. and descend.

50.10 Deposited a *chauced stake* 12 ins. in the ground, for cor. to secs. 7-12-13-18, 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 over it. In S. E. pit drove a square, 2 ft. long, 12 ins; in the ground, marked T. S. S. 7 on N. E. R. 9 E. S. 18 on S. E. S. 18 on S. W and S. 12 on N. W faces, with 4 notch es on S. and 2 notches on N. edges. Land rolling.

Soil 3" rate  
Vegetation, Pinegrass,

W. B. T. 1 S., R. 9 E. G. &amp; S. R. M.

Chains.

S. 3' W., on a true line between sections 13-18.

Va. 13° 57' East.

Descend.

2.00 Enter Valley, bears N. 20° E. &amp; S. 20° W.

19.00 Leave Valley, bears same, and ascend.

40.05 Deposited a ~~char~~ stake 2 ins. in the ground, for  $\frac{1}{2}$  sec. cor., dug pits 18x18x12 ins. N and S of post 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{2}$  s. on W face.

80.10 Deposited a ~~char~~ stake 2 ins. in the ground, for cor. to secs. 13-15-19-24, dug pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins.; in the ground, marked T. 1 S. S. 18 on N. E. R. 9 E. S. 19 on S. E. <sup>N. S. E.</sup> S. 24 on S. W and S. 13 on N. W faces, with Snatches on S. and Snatches on N. edges. Land level. ~~old~~ mountainous.

Soil

3" rate

Vegetation., *Bunchgrass*

W.B.T. 1 S, R. 9 E. G. & S. R. M.

Chains:

S. 30° W, on a true line between sections 19-24,  
Va. 13° 57' East.

Ascend.

10.00 Top of Spur, bears 77.30 E. & S. 30° W - the  
main spur of Superstition Mt., descend.

40.05 Deposited a *charred stake* 2 ins. in the ground, for  
½ sec. cor., dug pits 18x18x12 ins. N and S of  
post 5½ ft. dist. and raised a mound of earth 1½ ft.  
high, 3½ ft. base over it. In N pit drove a stake 2  
ft. long, 2 in. square, 12 ins. in the ground, marked ½  
s. on W face.

52.00 Cross low Sag and ascend.

80.10 Deposited a *charred stake* 2 ins. in the ground, for  
cor. to secs. 19-24-25-30, dug pits 18x18x12  
ins. in each sec. 5½ ft. dist., and raised a mound of  
earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove  
a stake 2 ins. square, 2 ft. long, 12 ins. in the ground,  
marked T.S. S. 19 on N. E. R. 9 E. S. 30 on  
S. E., S. 25 on S. W and S. 24 on N. W faces,  
with 2 notches on S. and 4 notches on N edges.  
Land mountainous.

Soil 3" rate  
Vegetation, Bunchgrass.

W. B. T. / S. R. 9 E. G. & S. R. M.

Chains.

S. 3' N. on a true line between sections 25-30,

Va. 13° 57' East.

Ascend.

27.00 Top of Hill bears N. W. & S. E. and descend.

40.05 Deposited a *Charua* stake 12 ins. in the ground, for  $\frac{1}{2}$  sec. cor., dug pits 18x18x12 ins. N and S of post 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked  $\frac{1}{2}$  s. on W face.

68.30 Cross Wash, 20 lks. wide, Course S. 21 W and ascend.

80.10 Deposited a *Charua* stake 12 ins. in the ground, for cor. to secs. 25-30-31-36, dug pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins. in the ground, marked T/S. S. 30 on N. E. R. 9 E. S. 5 / on S. E., S. 36 on S. W and S. 25 on N. W faces, with / notch on S. and S notches on N. edges. Land mountainous.

Soil

3" rate  
Vegetation, Bunchgrass.

W. B. T. S. R. 9 E. G. & S. R. M.

Chains.

S. 3' W, on a true line between sections 31-36,

Va. 13' 57' East.

Ascend.

15.00 Top of Spur, bears 27.00 E. & S. 60' W, and descend.

14.00 Deposited a *chevrons* stakes 2 ins. in the ground, for 1/2 sec. cor., dug pits 18x18x12 ins. N and S of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1/2 s. on W face.

50.40 Cross Wash, 100 lks. wide, Course S. W, and ascend.

60.00 Top of Spur, bears 27.80 E. & S. 80' E and descend.

80.10 Set a lava stone 33x14 1/2 x 11 ins. 25 lbs. in the ground, for Cor. to Tps. 2 and 3 S, R's 8 and 9 E, marked with 6 notches on each edge, and raised a mound of stone. alongside. Pits impracticable.

Land mountainous.

Soil 3" rate

Vegetation., Bunchgrass.

(Probably 1420)

N. B. T. 2 S., R. 9 E. G. &amp; S. R. M.

Chains.

Resurvey.

200m the str. Cor. to Sp 1 + 2 S. R<sup>s</sup> 8-9 E

Thence: I continue

S. 3' W., on a true line between sections 1-6,

Va. 14° East.

Ascend.

12.00 Top of Hill and descend. Over level land

40.05 Set a lava stone 26 x 16 x 16 ins., 19 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

48.33 Cross Road, from Phoenix to Pinal, bears N. W. and S. E.

50.10 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1-6-7-12, marked  $\frac{1}{4}$  S. 6, on N. E., R 9 E., S. 7 on S. E., S. 12 on S. W., and S. 1 on N. W. faces, with 5 notches on S. and 1 notch on N. edges; and raised a mound of stone 2 ft. high, 4 $\frac{1}{2}$  ft. base ground post. Pits impracticable.

Land level. and mountainous.

Soil 3" rate

Vegetation, Bunchgrass.

S. 3' W, on a true line between sections 7-12,  
Va. 13° 54' East.

Over level land

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

80.10 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7-12-13-18  
marked T. 2 $\frac{1}{2}$  S. 7, on N. E., R. 9 E., S. 18  
on S. E., S. 13 on S. W. and S. 12 on N. W. face,  
with 1 notch on S. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land level.

Soil

3" rate

Vegetation, Bunchgrass.

S. 3' W, on a true line between sections 13-18,  
Va. 13° 58' East.

40.05 Set a Lava stone 18 x 8 ins., 12  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone alongside. Pits  
impracticable.

80.10 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13-18-19-24  
marked T. 2 $\frac{1}{2}$  S. 18, on N. E., R. 9 E., S. 19  
on S. E., S. 24 on S. W. and S. 13 on N. W. face,  
with 3 notches on S. and 3 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land level.

Soil

3" rate

Vegetation, Bunchgrass.

BOOK 1470

S. 3' W on a true line between sections 19-24,  
Va. 13° 58' East.

Over level land

40.05 Set a Lava stone 26 x 10 x 7 ins., 19  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on W.  
face, and raised a mound of stone alongside. Pits  
impracticable.

W. B. T. & S., R. 9 E. G. & S. R. M.

Chains.

- 43.85 Cross Wash, 16 lks. wide, Course S. 51° W,  
 53.92 Enter Queen Creek Wash, Course N.W.  
 61.19 Leave same, course same.  
 80.10 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 19-24-25-30,  
 marked T. 24 S. 19, on N. E., R. 9 E., S. 30  
 on S. E. <sup>R. 8 E.</sup> 25 on S. W. and S. 24 on N. W. face  
 with 2 notches on S. and 4 notches on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
 around post.  
 Land level.  
 Soil 3" rate  
 Vegetation, Bunchgrass.  
 S. 3° W., on a true line between sections 25-30.  
 Val 13° 58' East.  
 Over level land  
 40.05 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. and 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.

W. B. T. & S. R. 9 E. G. & S. R. M.

Chains.

80.10 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 25-30-31-36,  
 marked  $\frac{1}{2}$  S. 30, on N. E., R. 98., S. 31  
 on S. E., S. 36 on S. W. and S. 25 on N. W. face,  
 with / notch on S. and 5 notches on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
 and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
 around post.

Land level.

Soil 3" rate

Vegetation. Bunchgrass.

S. 3' W., on a true line between sections 31-36.

No. 13957

Over level land

40.05 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on  
 W. face, dug pits, 12 x 18 x 12 ins. N. and 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.

The Cor. to Tps. 2-3 S. Rs. 8 & 9 E.

Land level.  
Soil 3" rate

Vegetation. Bunchgrass.

I carefully examined the adjustments of my solar  
 compass to-day, particularly the latitude and revers-  
 ing apparatus, and found them correct. June 24, 1884

C. B. T. 2 S. R. 9 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 2-3 S., N. Rs. 9 & 10 E.,  
 previously described. I run,  
 North between sections 31-36.  
 Variation 13° 54' East.

Over level land

46.00

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. and S. of  
 post 5  $\frac{1}{2}$  ft. dist., and raised a mound of earth 1  $\frac{1}{2}$  ft.  
 high, 3  $\frac{1}{2}$  ft. base around post.

57.00

Cross Road, bears, N. E. and S. W.

68.72

Cross Wash, 15 lks. wide, Course N. 40° W.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 25 30 31 36,  
 marked  $\frac{1}{4}$  S. 30, on N. E., R. 10 E., S. 31  
 on S. E., S. 36 on S. W. and S. 25 on N. W. face,  
 with 1 notch on S. and 5 notches on N. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high, 4  $\frac{1}{2}$  ft. base  
 around post.

Land level.

Soil 3" rate  
 Vegetation, Bunchgrass.

Chains.

North between sections 25-30,  
Variation  $13^{\circ}54'$  East.

Over level land

40.00 Set a Sand stone 27 x 19 x 11 ins., 19  
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 post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19-24-25-30,  
marked T. 2 S. S. 19, on N. E., R. 10 E., S. 30  
on S. E., S. 25 on S. W. and S. 24 on N. W. face,  
with 2 notches on S. and 4 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land level.

Soil 3" rate.

Vegetation, Bunchgrass.

Chains.

North between sections 19-24,

Variation 13° 55' East.

Over level land

38.18 Cross Wash, 20 lks. wide, Course S.W.

40.00 Set a *lava* stone 16 x 10 x 10 ins., 1/4 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13-18-19-24 marked T 2 S. 18, or N. E., R. 10 E., S. 19, or S. R. S. 24 on S. W. and S. 13 on N. W. face, with *Notches* on S. and *Notches* on E. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land level.

Soil 3' rate.

Vegetation, *Pinegrass*.

Chains.

North between sections 13-18,  
Variation  $13^{\circ} 55'$  East.

Over level land

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7-12-13-18  
marked T. 2 S. S. 7, or N. E., R. 10 E., S. 18  
on S. E., S. 18 on S. W. and S. 12 on N. W. face,  
with 1 notch on S. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land level.

Soil 3' rate.

Vegetation, Bunchgrass.

E. B. T. 2 S., R. 9 E. G. & S. R. M.

ains,

North between sections 7-12,  
Variation 13° 56' East.

Over level land

5.90 Enter Queen Creek Wash, course S. 70° W.  
18.16 Leave same, course same.  
34.00 <sup>Thomas & Pinae</sup> Cross Road, (old) bears N. 70° W.  
and S. 70° E.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on  
N. face, dug pits, 18 x 18 x 12 ins. N. and 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 Lava stone 23 x 11 x 6 ins. 1/4 ins. in  
the ground for Cor. to Secs. 1-6-7-12 marked  
with notches on S. and 1 notch on E. edges and  
raised a mound of stone. alongside, Pits impracticable.  
Land level.

Soil 3" rats.

Vegetation, Bunchgrass.

E. B. T. 2 S., R. 9 E. G. & S. R. M.

Chains.

North between sections

1-6,

Variation  $13^{\circ} 39'$  East.

Over level land

40.00

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

57.00

Cross Road from Phoenix to Pinal  
(new) bears N. 73° W. & S. 73° E.

80.00

Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Tps. 1-2 S., R's 9 and 10 E., marked T. 1 S. S. 31, on N. E. R. 10 E. S. 6, on S. E. T. 2 S. S. 1 on S. W. and R. 9 E. S. 36, on N. W. faces, with 6 notches on each edge, and raised a mound of stone  $2\frac{1}{2}$  ft. high,  $5\frac{1}{2}$  ft. base around post. Pits impracticable on Land level.

Soil

3"

rate

Vegetation,

Bunchgrass.

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

June 25, 1884.

N. B. T. 2, R. 9 E. G. &amp; S. R. M.

Chains.

Before proceeding further with the exteriors of this Tp., I made a change of 5 minutes in the latitude arc of my solar compass by adding same the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

I took the latitude and found it to be  $33^{\circ} 18' N$ .

Thence:

From the Cor. to Tps. 1-2 S, N. Rs. 9 & 10 E, previously described.

I run West on a random line on N. B. of Tp.

Va.  $13^{\circ} 59'$  East.

I set temporary corners at every half mile, and at 6 miles

1.50 chs. I arrive at a point 147 lks. North of Cor. to Tps, previously described.

1 & 2 S, Rs. 8 & 9 E, from which corner I run N. 89° 50' E, on a true line between sections 6 & 31,

Va.  $14^{\circ}$  East.

Over mountainous land

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

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on

N. face, dug pits, 18 x 18 x 12 ins. E. and W. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

N. B. T. 2 S, R. 9 E. G. &amp; S. R. M.

Chains.

81.50 Set a *Lava* stone  $26 \times 15 \times 5$  ins. 19 ins. in  
 the ground for Cor. to Secs. 5-6-31-32 marked  
 with notch on N and Switches on E. edges and  
 raised a mound of stone alongside. Pits impracticable.  
 Land mountainous.  
 Soil 3" rate.  
 Vegetation, *Punchgrass*.

N. B. T. 2 S., R. 9 E. G. & S. R. M.

Chains.

N. 89° 50' E., on a true line between sections 5-32,  
Va. 14° East.

40.00 Over mountainous land  
Set a *Lava* stone 24 x 10 x 10 ins., 18  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, and raised a mound of stone alongside. Pits  
impracticable.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 4-5-32-33,  
marked T. 18 S. 33, on N. E., R. 9 E., S. 4  
on S. E., S. 5 on S. W and S. 32 on N. W. face,  
with 2 notches on W and 4 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land mountainous.

Soil 3" rate.

Vegetation, *Bunchgrass*.

BOOK 1470  
N.B. T. 2 S, R. 9 E. G. & S. R. M.

Chains.

No. 1470

N. 59° 30' E, on a true line between sections 4-33,

Va. 1834 East.

Over mountainous land

31.55 Cross Wash, 18 lks. wide, Course S. 5 W and ascend.

140.00 Set a sand stone  $1\frac{1}{2} \times 10 \times 6$  ins., 11 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, and raised a mound of stone alongside. Pits impracticable.

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

12 ins. in the ground, for Cor. to Secs. 34-33-34,

marked T. 18 S. 34, on N. E., R. 9 E., S. 3

on S. E.  $\frac{1}{2}$  on S. W and S. 33 on N. W. face,

with 3 notches on W and 3 notches on E. edges;

dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,

and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base

around post. on Top of Spur, bears N. & S.

Land mountainous.

Soil 3" rate.

Vegetation, Bluegrass

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

Chains.

N. 89° 30' E, on a true line between sections 3-34,  
Va. 1859 East.

Descend.

110.00 Set a Sand stone 20 x 7 x 4 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  
impracticable.

68.83 Cross Wash, 16 lks. wide, Course S. 20 W. and ascend.

80.00 Set a Lava stone 27 x 10 x 6 ins. 20 ins. in  
the ground for Cor. to Secs. 2-3-34-35 marked  
with 4 notches on W. and 2 notches on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
Land mountainous.

Soil B' rate.

Vegetation, Bunchgrass.

BOOK 1410  
N. B. T. & S., R. 9 E. G. & S. R. M.

Chains.

N. 89° 30' E on a true line between sections 2-35,  
Va. 1338 East.

Ascend.

- 11.60 Top of Spur, bears N.E. and S.W. and descend.
- 140.00 Set a *lava* stone 26 x 12 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. alongside. Pits  
impracticable.
- 48.00 Cross Wash, 14 lks. wide, Course S.W. and ascend
- 80.00 Set a *sand* stone 15 x 10 x 4 ins. 10 ins. in  
the ground for Cor. to Secs. 1-2-35-36 marked  
with 5 notches on S.W. and 1 notch on E. edges and  
raised a mound of stone. alongside. Pits impracticable.  
Land mountainous.  
Soil 3" rate.  
Vegetation, *Bunchgrass*.

N. B. T. 2 S, R. 9 E. G. &amp; S. R. M.

Chains.

N. 89° 30' E on a true line between sections 1-36,  
Va. 13° 58' East.

Over mountainous land

140.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., E. and V. 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 The Cor. to Tps. 1-2 S. N. Rs. 9 & 10 E.

Land mountainous.

Soil B' rate.

Vegetation, Pinegrass.

June 26, 1884.

E. B. T. 38, R. 10 E. G. &amp; S. R. M.

Chains.

Before proceeding further with the exteriors of this Tps. I made a change of 10 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.

Thence:

From the Cor. to Tps. 3-4 S. ~~N~~ Rs. 10 & 11 E, previously described. I run,

North between sections 31-36,

Variation 13° 37' East.

Over mountainous land

140.00 Set a Sand stone 16 x 12 x 7 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. Pits impracticable.

71.16 Cross Wash, 13 lks. wide, Course S 65° W and ascend

80.00 Set a Sand stone 26 x 9 x 5 ins. 15 ins. in the ground for Cor. to Secs. 25-30-31-36 marked with 1 notch on S. and 3 notches on N edges dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base. alongside. Land mountainous.

Soil 3" rate.

Vegetation, Bunchgrass.

C. B. T. &amp; S., R. 10 E. G. &amp; S. R. M.

Chains.

North between sections 25 - 30.

Variation.  $13^{\circ} 51'$  East.

Over mountainous land

9.16

Ascend.

40.00

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

80.00

Set a quartz stone 21 x 13 x 8 ins. 6 ins. in the ground for Cor. to Secs. 19-24-25-30 marked with 2 notches on S. and 4 notches on N. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base, alongside.

Land mountainous.

Soil 3" rate.

Vegetation, Bunchgrass.

E. B. T. &amp; S., R. 10 E. G. &amp; S. R. M.

Chains.

North between sections 19-24,

Variation  $13^{\circ}51'$  East.

Ascend.

40.00 Set a lava stone  $20 \times 18 \times 11$  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 impracticable.

46.13 Top of Spur, bears  $N. 67^{\circ} E.$  &  $S. 67^{\circ} W.$ , and descend.

80.00 Set a Porphyr stone  $36 \times 15 \times 5$  ins. 2 2 ins. in the ground for Cor. to Secs. 13-18-19-24 marked with 3 notches on  $S.$  and 3 notches on  $E.$  edges and raised a mound of stone. alongside. Pits impracticable.  
Land mountainous.

Soil 3" rate.

Vegetation, Bunchgrass.

Chains,

North between sections 13-18,

Variation 13° 51' East.

Descend.

140.00 Set a *Sand* stone 28 x 10 x 6 ins., 21  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5  $\frac{1}{2}$  ft. dist., and raised a mound of earth 1  $\frac{1}{2}$  ft. high,  
3  $\frac{1}{2}$  ft. base. alongside.

41.50 Enter Valley, bears, N.E. & S.W.

68.00 *Mineral* Cross Wash, 15 lks. wide, Course S. 80° W.

80.00 Set a *Granite* stone 19 x 15 x 7 ins., 4 ins. in  
the ground for Cor. to Secs. 7-12-18-18 marked  
with 4 notches on S. and 2 notches on E. edges and  
raised a mound of stone, alongside. Pits impracticable.  
Land mountainous.

Soil B' rate.

Vegetation, *Punchgrass*.

C. B. T. & S., R. 10 E. G. & S. R. M.

Chains,

North between sections 7-12,  
Variation 13° 52' East.

Over mountainous land

39.50 Cross Wash, 16 lks. wide, Course  $N 44^{\circ} W$  and ascend.

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1-6-7-12,  
marked T. 3 S. S. 6, on N. E., R. 10 E., S. 7  
on S. E., S. 12 on S. W., and S. 1 on N. W. face,  
with 3 notches on S. and 1 notch on E. edges;  
and raised a mound of stone 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post. Pits impracticable.

Land mountainous.

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

Vegetation, Bunchgrass.

BOOK 170  
S. B. T. 3 S., R. 10 E. G. & S. R. M.

Chains.

North between sections 1-6,

Variation  $13^{\circ}33'$  East.

Over mountainous land

- 40.00 Set a sand stone  $19 \times 18 \times 7$  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 alongside. Pits impracticable.
- 42.00 Ascend.
- 63.00 Top of Mesa, bears N. E. & S. W., and descend
- 71.16 Cross Road, bears, N. 50° E. & S. 50° W.
- 80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Tps. 2 & 3 S., R's 10 and 11 E., marked T. 2 S. S. 31, on N. E. R. 11 E., S 6, on S. E. T. 3 S., S. 1 on S. W. and R. 10 E., S. 36, on N. W. faces, with 6 notches on each edge, and raised a mound of stone  $2\frac{1}{2}$  ft. high,  $5\frac{1}{2}$  ft. base around post. Pits impracticable.

Land mountainous.

Soil 3" rate.

Vegetation, Bunchgrass.

June 27, 1884.

Chains.

Before proceeding further with the exteriors of this Tp. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

From the Cor. to Tps. 2-31, ~~X~~ Rs. 10 & 11, previously set by me.

I run West on a random line on N. B. of Tp. Va. 13°54' East.

I set temporary corners at every half mile, and at 6 miles 96 ~~tho~~ I arrive at a point 117 ~~tho~~ S. of Cor. to Tps, previously described. 2-31, Rs. 9 & 10, from which corner I run S. 89°52' E, on a true line between sections 6 & 31. Va. 13°54' East.

Over level land

40.96 Set a sand stone 18 x 8 x 5 ins., 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N. face, dug pits, 18 x 18 x 12 ins. E. and W. of stone 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base. alongside.

N. B. T. 3 S. R. 10 E. G. & S. R. M.

Chains.

No. 96. Set a sand stone  $28 \times 15 \times 10$  ins.  $2 \frac{1}{2}$  ins.  
in the ground for Cor. to Secs. 5-6-31-32 marked  
with / notch on S. and O notch on N. edges.  
dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5 \frac{1}{2}$  ft. dist. and  
raised a mound of earth 2 ft. high,  $4 \frac{1}{2}$  ft. base. alongside  
Land level.  
Soil 3" rate.  
Vegetation, Bunchgrass.

N. B. T. 3 S., R. 10 E. G. &amp; S. R. M.

Chains.

S 89 52' E, on a true line between sections 5-32,  
 Van 13 54' East.

Over level land

- 8.00 Cross Wash, 9 lks. wide, Course S.W.
- 40.00 Set a sand stone  $26 \times 17 \times 5$  ins., 19 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., S. and W. of stone  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside.
- 80.00 Set a sand stone  $30 \times 10 \times 8$  ins  $2 \times 2$  ins. in the ground for Cor. to Secs 4-5-32-33 marked with 2 notches on W and 4 notches on E. edges. dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base. alongside.
- Land level.
- Soil 3" rate.
- Vegetation, bunchgrass.

N. B. T. &amp; S., R. 10 E. G. &amp; S. R. M.

Chains.

8952' E, on a true line between sections 4-33,  
Val 3° 54' East.

Over level land

- 40.00 Set a sand stone 16 x 10 x 7 ins., 11  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, dug pits, 18 x 18 x 12 ins., E. and W. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside.
- 57.00 Cross Road, from Pine to Mounes,  
has N. 15° E. & S. 15° W.
- 80.00 Set a sand stone 25 x 14 x 5 ins. 16 ins.  
in the ground for Cor. to Secs. 3-4-33-34 marked  
with Notches on E. and Notches on W. edges,  
dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base. alongside.
- Land level.
- Soil 3' rate.
- Vegetation, Bunchgrass.

N. B. T. &amp; S. R. 10 E. G. &amp; S. R. M.

Chains.

S. 9.52 E, on a true line between sections 3-34,  
Va. 13° 53' East.

Over level land

70.00 Set a granite stone 27 x 16 x 7 ins. 20  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, dug pits, 18 x 18 x 12 ins., E and W. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. alongside.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 2-3-34-35,  
marked T. 2 S. S. 30°, or N. E., R. 10 E., S. 2  
on S. E. <sup>N. E.</sup> S. 3 on S. W. and S. 34 on N. W. face,  
with 4 notches on W. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land level.

Soil 3" rate.

Vegetation, Bunchgrass.

Chains.

S. 932 E, on a true line between sections 2 - 35,  
Va. 1333' East.

Over level land

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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1 - 2 - 35 - 36,  
marked T. 2 S. S. 36, or N. E., R. 10 E., S. 1  
on S. E. S. 2 on S. W. and S. 35 on N. W. face,  
with 5 notches on W. and 1 notch on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land level.

Soil 3' rate.

Vegetation, Bunchgrass.

N. B. T. & S. R. 10 E. G. & S. R. M.

Chains.

S 89° 52' E, on a true line between sections 1-36,  
Va. 13° 52' East.

Over level land

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

80.00 The Cor. to Tps. 2-3 S., N. Rs. 10 & 11 E.

Land level.

Soil 3" rate.

Vegetation, Bluegrass.

June 28, 1884.

E. B. T. 2<sup>d</sup>, R. 10 E. G. & S. R. M.

Chains.

From the Cor. to Tps. 2-3<sup>d</sup>, R. 10 & 11<sup>e</sup>,  
previously set by me. I run,

North between sections 31-36,  
Variation 13° 54' East.

Over level land

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, and raised a mound of stone 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base around post. Pits impracticable.

71.00 Cross Wash, 13 lks. wide, Course S 65° W,

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 25-30-31-36,  
marked T. 2<sup>d</sup> S. 30, on N. E., R. 11<sup>e</sup>, S. 31  
on S. E., S. 36 on S. W. and S. 25 on N. W. face,  
with 1 notch on E. and 5 notches on W. edges;  
and raised a mound of stone 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post. Pits impracticable.

Land level.

Soil 3" rate.

Vegetation, Punchgrass.

C. B. T. 2 S, R. 10 E. G. &amp; S. R. M.

## Chains.

North between sections 25-30,

Variation 13° 54' East

Over level land

13.00 Ascend.

34.00 Top of Spur, bears N. 83° E. &amp; S. 83° W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, and raised a mound of stone  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base around post. Pits impracticable.

115.00 Over level land

80.00 Set a *Sand* stone 18 x 10 x 5 ins. 12 ins.  
in the ground for Cor. to Secs. 19-24-25-30 marked  
with 2 notches on S. and 4 notches on N. edge.  
dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base. alongside

Land level. and mountainous.

Soil 3' rate.

Vegetation, Bunchgrass.

E. B. T. 2 S, R. 10 E. G. &amp; S. R. M.

Chains.

North between sections 19-24

Variation  $13^{\circ}55'$  East

Over level land

40.00

Set a lava stone  $20 \times 12 \times 9$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.

44.13

Cross Wash, 9 lks. wide, Course S.W.

71.16

Cross Road, bears N.  $65^{\circ}$  W. & S.  $65^{\circ}$  E.

80.00

Set a lava stone  $22 \times 12 \times 6$  ins., 6 ins. in the ground for Cor. to Secs. 13-18-19-24 marked with notches on S. and 3 notches on W. edges and raised a mound of stone alongside. Pits impracticable. Land level.

Soil 3' rate.

Vegetation, Bunchgrass.

Chains.

North between sections 13-18,  
Variation 13° 55' East.

Over level land

~~76.00~~ level land and ascend.

40.00 Set a sand stone 20 x 10 x 7 ins. 15  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  only  
face, and raised a mound of stone alongside. Pits  
impracticable.

78.00 Top of Spur, bears N 70 W, & S 70 E, and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7-12-13-18,  
marked T 2 S - S. 7, on N. E., R. 11 E., S. 8  
on S. E., S. 13 on S. W. and S. 12 on N. W. face,  
with 4 notches on S. and 2 notches on E. edges,  
and raised a mound of stone 2 ft. high, 4  $\frac{1}{2}$  ft. base  
around post. Pits impracticable.

Land level. *and* mountainous.

Soil 3' rate.

Vegetation, Bunchgrass.

E. B. T. S.

R. 10 E. G. &amp; S. R. M.

Chains.

North between sections 7-12.

Variation  $13^{\circ}55'$  East.

Descend.

- 40.00 Set a sand stone  $14 \times 10 \times 5$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone alongside. Pits impracticable.
- 46.00 Enter Prairie, bears N.E. & S. W.
- 53.61 Cross Wash, 22 fms. wide, Course S. 60° W,
- 69.00 Leave Prairie, and ascend.
- 80.00 Set a sand stone  $27 \times 17 \times 5$  ins. 19 ins. in the ground for Cor. to Secs. 1-6-7-12 marked with 3 notches on S. and 1 notch on E. edges and raised a mound of stone alongside. Pits impracticable. on Top of Spur, bears N.
- Land mountainous and level.
- Soil 3' rate.
- Vegetation, Bunchgrass.

Chains.

North between sections 1-6.

Variation  $13^{\circ}56'$  East.

Descend.

10.00 Foot of Hill.

27.00 Cross Road, from Pinal to Florence,  
bear N. 60° E. & S. 60° W.

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

43.00 Ascend.

50.00 Top of Camel's Peak, bear N. E. & S. W.

Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Cor. to Tps. 19

2 S., R's 10 and 11 E., marked T. 1 S,  
S. 31, on N. E. R. 11 E., S 6, on S. E., T. 2 S. 1  
on S. W. and R. 10 E., S. 36, on N. W. faces, with 6  
notches on each edge, and raised a mound of stone  $2\frac{1}{2}$   
ft. high,  $5\frac{1}{2}$  ft. base around post. Pits impracticable.

Land mountainous.

Soil 3" rate.

Vegetation. Bunchgrass.

E. B. T. 2 S. R. 10 E. G. &amp; S. R. M.

Chains.

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

*June 29, 1884.*

No. 1470

Chains.

Before proceeding further with the exterior of this Tp. I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

Thence:

From the Cor. to Tps. 1-2 S. ~~N~~ Rs. 10 & 116, previously set by me.

I run West on a random line on N. B. of Tp. Va. 13° 56' East.

I set temporary corners at every half mile, and at 5 miles 49.18 chs. I arrive at a point 166 lks. North of Cor. to Tps, previously set by me.

1 & 2 S. Rs. 9 & 106, from which corner I run N. 89° 48' E. on a true line between sections 6 & 31. Va. 13° 59' East.

Over mountainous land

39.18 Set a lava stone 16x10x5 ins., 11 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N face, and raised a mound of stone alongside. Pits impracticable.

N. B. T. 2 S. R. 10 E. G. &amp; S. R. M.

## Chains.

79.18

Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 5-6-31-32  
 marked T. 1 S. 32, on N. E., R. 10 E., S. 5  
 on S. E. <sup>1, 2 S.</sup> 6 on S. W. and S. 31 on N. W. face,  
 with 1 notch on N. and 5 notches on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 around post.

Land mountainous.

Soil 3" rate.

Vegetation, *Pinegrass*,

N.B.T. 2<sup>d</sup>, R. 10 E. G. & S. R. M.

Chains.

N. 89° 48' E, on a true line between sections 5-32,  
Va. 1359 East.

Over mountainous land

40.00 Set a lava stone  $26 \times 18 \times 7$  ins., 19  
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 lava stone  $24 \times 17 \times 7$  ins. 18 ins. in  
the ground for Cor. to Secs. 4-5-32-33 marked  
with 2 notches on W. and 4 notches on E. edges and  
raised a mound of stone. alongside, Pits impracticable.  
Land mountainous.

Soil 3' rate.

Vegetation. Pinegrass.

N. B. T. 2 S., R. 10<sup>d</sup>, E. G. & S. R. M.

Chains.

N. 59° 48' E, on a true line between sections 14-33,

Va. 13° 58' East.

Over mountainous land

40.00 Set a sand stone  $30 \times 6 \times 6$  ins., 22 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 lava  $22 \times 14 \times 6$  ins. 16 ins. in the ground for Cor. to Secs. 3-4 33-34 marked with Notches on S and Notches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land mountainous.

Soil 3' rate.

Vegetation, Puncturegrass.

N.B. T. & S. R. 10 E., E. G. & S. R. M.

## Chains.

N 89 48' E, on a true line between sections 3-34,

Over mountainous land

Va.  $\sqrt{3^{\circ} 58'}$  East.

- 10.00 Enter Valley, bears, N. E.  $\gamma$  S. W.,  
 12.00 Cross Road, bears, N. 60' E.  $\gamma$  S. 60' W.,  
 19.00 Enter Juan Creek wash, Course: 50' W.,  
 39.00 Leave same,

40.00 Set a lava stone  $28 \times 18 \times 7$  ins., 21  
 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 post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 2-3-34-35,  
 marked  $\frac{1}{4}$  S. 30' , on N. E., R. 10 E., S. 2  
 on S. E.  $\frac{1}{4}$  S. 3 on S. W. and S. 34 on N. W. face,  
 with 1 notch on W. and 2 notches on E. edges;  
 dug pits,  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land mountainous. and level.

Soil 3' rate.

Vegetation. bunchgrass.

N. B. T. 2 S. R. 10 E. G. &amp; S. R. M.

Chains.

N. 89° 48' E, on a true line between sections 2-35,  
 Va. 13 5/8 East

Over Valley.

1.00 Leave Valley, bears N. 70° E & S. 70° W, and ascends

40.00 Set a sand stone 20 x 5 x 5 ins., 15  
 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on N.  
 face, and raised a mound of stone alongside. Pits  
 impracticable.

80.00 Set a lava stone 30 x 16 x 6 ins., 22 ins. in  
 the ground for Cor. to Secs. 1-2-35-36. marked  
 with 3 notches on N. and 1 notch on E. edges and  
 raised a mound of stone alongside. Pits impracticable.  
 on Top of Hill bears N. & S.

From this cor. Whitlow's House, bears N. 46° E, about 82 chains

Land level.

Soil 3" rate.

Vegetation, Bunchgrass.

N. B. T. 2 S, R. 10 E. G. & S. R. M.

Chains.

N. 89° 48' E, on a true line between sections 1-36,  
Va. 13° 57' East.

Descend.

10.00 Cross Road, bears, N. & S,

14.06 Cross Wash, 8 lks. wide, Course N. W, and ascend.

40.00 Set a *Sura* stone 20 x 5 x 4 ins., 15  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N  
face, and raised a mound of stone. alongside. Pits  
impracticable.

50.00 The Cor. to Tps. 1-2 S. N. Rs. 10 & 11 E,

Land mountainous.

Soil 3' rate.

Vegetation, Bunchgrass,

June 30, 1884.

For final notes see  
see Book No. 6.

## U. S. Surveyor General's Office,

Tucson, Arizona, ..... 1885

The foregoing Field Notes of the Survey of the

Extensive Lines of

Tps. 2 S. R.<sup>o</sup> 9 + 10 E. and" 3 S. R.<sup>o</sup> 8 + 10 E.Of the Gila and Salt River Base and Meridian, Arizona, executed by A. E. ShoemakerDeputy Surveyor, under his contract of the 5<sup>th</sup>  
day of August, 1882, having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved

Royce Johnson  
Surveyor General.