

Book II

No. 1341 BOOK 1341

*Amended*

*See Index*

**FIELD NOTES** BOOK 1341

OF

The *7<sup>th</sup>* Auxiliary Guide Meridian,  
*along W.R.*

Township *19, 20, 21 & 22 N.* Range *24 E*

Gila and Salt River Meridian, Arizona.

BY

*H. B. Fitzgerald* Deputy Surveyor,

under his contract of *July 17<sup>th</sup>* 188*1*,

Survey commenced *October 7<sup>th</sup>* 188*2*,

Survey completed *October 15<sup>th</sup>* 188*2*.

Platted by ..... 188

Copied for Washington by ..... 188

Copied for Register by ..... 188

No. 1341

✓

1341

Ans. Merid along.

A

Net Bdry	T 19 N	R 29 E	1
"	" T 20 N	" 29 E	9
"	" T 21 N	" 29 E	19
"	" T 22 N	" 29 E	25

B.

# Book No. 1341

## BOOK 1341

23 N  
28 E +

23	5	6	8	2	1
32	8	9	10	11	12
30	17	18	19	14	13
29	20	21	22	23	24
27	29	28	27	26	25
25	BOOK 1341				
24	5	6	8	2	1
23	8	9	10	11	12
22	17	18	19	14	13
21	20	21	22	23	24
20	29	28	27	26	25
19	32	33	34	35	36
17	5	6	8	2	1
16	8	9	10	11	12
14	17	18	19	14	13
13	20	21	22	23	24
12	29	28	27	26	25
11	32	33	34	35	36
9	5	6	8	2	1
8	8	9	10	11	12
7	17	18	19	14	13
6	20	21	22	23	24
5	29	28	27	26	25
4	32	33	34	35	36

+

Auxiliary Guide Meridian, along

W. B. T. 19 N. R. 29 E. G. & S. R. M.

For preliminary notes + description  
of instrument see Book No. I.

Chains.

No. 1341

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 fur-  
ther tested instrument by reversing.

I took the latitude and found it to be  $34^{\circ}58'$  North.

From the Cor. to Tps. 18 & 19 N. Rs. 28 & 29 E. Which is a

post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
~~stone 12 ins.~~ <sup>set firmly</sup> in the ground, for Cor: to Tps. 18

and 19 N. Rs. 28 and 29 E. marked T, 19 N. S. 31

on N. E. R. 29 G. S. 6 on S. E. T. 18 N. S. 1 on S.

W. and R. 28 G. S. 36 on N. W. faces. with 6 notches

on each edge. ~~and~~ <sup>and</sup> ~~12~~  $24 \times 18 \times 12$  ins., lengthwise on

each line, N, S, E, and W, of post, 6 ft. dist, and

~~raised~~ a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base

around post,

North <sup>True</sup> on a true line between sections 31 and 36.

Va.  $112^{\circ}18'$  East.

Ascend.

29.05 Cross Juni ana Rio Puera Divisa,

bears N.  $28^{\circ}0'$ , and S.  $28^{\circ}0'$ , and descend.

Auxiliary Guide Meridian, *along*

W. 18. T. 19 N R. 29 E. G. & S. R. M.

Chains.

- 40.00 **Set a** Sand stone 20 x 12 x 10 ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, dug pits, 18 x 18 x 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
- 64.30 Foot of mesa, bear N. 20° E. to S. 20° W. and ascend.
- 66.88 Leave Timber, bear E.  $\frac{1}{2}$  mi 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, 26, 31 and 36, marked T. 19 N., S. 20°, on N. E., R. 29 E., S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. face, with / notch on S. and \ 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<sup>rd</sup>* rate.  
Timber of Cedar.  
Vegetation of Bunchgrass.

1871  
3

Auxiliary Guide Meridian, *along*

W. B. T. 19 N. R. 29 E. G. & S. R. M.

Chains.

North on a true line between sections 25 <sup>and</sup> 30,  
Va. 14018' East.

Descend.

15.10 Cross Wash, 10 lks. wide, Course N. 30° W.

40.00 Set a *lava* stone 14 x 10 x 8 ins., 9  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. alongside

78.06 Cross Wash, 7 lks. wide, Course N. 60° W. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30,  
marked T. 19 N. S. 19, on N. E., R. 29 E., S. 30  
<sup>R. 25 E.</sup>  
on S. E. S. 25 on S. W. and S. 24 on N. W. faces,  
with 2 notch  $\infty$  on S. and 4 notch  $\infty$  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 rolling.

Soil 3<sup>rd</sup> rate

Vegetation of *Bunchgrass*.

Auxiliary Guide Meridian, *along*

W. B. T. 19 N. R. 29 E. G. & S. R. M.

chains.

North on a true line between sections 19 <sup>and</sup> 24,

Va. 140 18' East.

Ascend.

9.75 Top of Ridge, bears N. 50° W. <sup>to</sup> N. 50° E. and descend.

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

45.95 Cross Gulch, 8 lks. wide, Course West and ascend.

76.90 Top of Ridge, bears E. <sup>and</sup> W. 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. 13, 18, 19 <sup>and</sup> 24, marked T. 19 N., S. 18, on N. E., R. 29 E., S. 19 on S. E., S. 24 on S. W and S. 18 on N. W. faces, with 3 notches on S. and 3 notches on N. edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling. *and* mountainous.

Soil 3 <sup>rd</sup> rate

Vegetation of Bunchgrass.

Chains.

North on a true line between sections 13<sup>rd</sup> and 15,

Va. 14° 18' East.

Descend.

5.88 Correo Juni on Navajoe road, near  
N. 80° W. and S. 80° E.

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., M. 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<sup>rd</sup> and 15,  
marked T. 19<sup>th</sup>, S. 7, on N. E., R. 29 E., S. 18  
on S. E., S. 13 on S. W. and S. 12 on N. W. faces,  
with H notch on S. and L 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<sup>rd</sup> rate

Vegetation of Bunchgrass.



Auxiliary Guide Meridian, along

W. B. T. 11 N. R. 29 E. G. & S. R. M.

Chains.

North on a true line between sections 7 and 12,

Va.  $14^{\circ} 18'$  East.

Descend.

30.25 Cross Gulch, 6 lks. wide, Course W. and ascend.

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

65.70 Top of Ridge, bears N.  $30^{\circ}$  W. and  $30^{\circ}$  E. and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 1, 6, 7 and 12, marked T. 19 N., S. 6, on N. E., R. 29 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; 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<sup>rd</sup> rate

Vegetation of Bunchgrass.

# Auxiliary Guide Meridian, along

W. B. T. 19 N. R. 29 E. G. & S. R. M.

## Chains.

North on a true line between sections 1 <sup>and</sup> 6,  
 Va.  $14^{\circ}18'$  East.

Descend.

- 4.00 Cross Gulch, 6 lks. wide, Course N. W. and ascend.
- 15.10 Top of Ridge, bears N. W. <sup>and</sup> S. E. and descend.
- 19.80 Enter scrub timber, bears E. <sup>and</sup> 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  
 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.
- 41.00 Cross Gulch, 10 lks. wide, Course West and ascend.
- 80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
 stone 12 ins. in the ground, for Cor: to Tps. 19  
 and 20 N. R's 28 and 29 E, marked T, 20 N. S. 31  
 on N. E. R. 29 E. S: 6 on S. E. T. 19 N. S. 1 on S,  
 W, and R. 28 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  $2\frac{1}{2}$  ft. high, 5 ft. base  
 around post,

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Auxiliary Guide Meridian, along  
W. B. T. 19 N R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

Land rolling.

Soil  $\frac{3}{4}$  rate.

Timber of Pine <sup>and</sup> Cedar.

Vegetation of Bunchgrass.

October 7<sup>th</sup> 1882.

Chains.

Before proceeding further with the exteriors of this T<sup>p</sup>., 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.

I took the latitude and found it to be  $35^{\circ} 03'$  North from the Cor. to T<sup>p</sup>s. 19 & 20 N. Rs. 28 & 29 E.

That established  
~~which is a~~

post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to T<sup>p</sup>s.

and R's and marked T, 20 N. S. 31 on N. E. R. 29 E. S: 6 on S. E. T. 19 N. S. 1 on S, W, and R. 28 E. S. 38 on N W, faces. with 6 notches on each edge. dug. pits  $24 \times 18 \times 12$  ins, lengthwise on each line, N, S, E, and W, of post, 6 ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base around post,

North on a true line between sections 31 and 36.

Va.  $14^{\circ} 18'$  East.

Descend.

BOOK 1341

Chains.

- 10.20 Cross Gulch, 5 lks. wide, Course  $N.$  and ascend.
- 28.40 Top of Spur, bears  $N. 85^{\circ} E.$  &  $S. 85^{\circ} W.$  and descend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  $W.$  face; from which
- A Pine 7 ins. diam. bears  $N. 72^{\circ} 40' W.$ , 13 lks. dist. marked  $\frac{1}{2}$  S. B. T.
- A Cedar 18 ins. diam. bears  $S. 24^{\circ} E.$ , 41 lks. dist. marked  $\frac{1}{2}$  S. B. T.
- 47.30 Cross Gulch, 10 lks. wide, Course  $S. 65^{\circ} W.$  and ascend.
- 80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 25, 30, 31 <sup>and</sup> 36, marked T. 20  $N.$ , S. 30 on N. E., R. 29  $E.$ , S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on S and 5 notches on  $N.$  edges; from which
- A Cedar 26 ins. diam. bears  $N. 17^{\circ} E.$ , 33 lks. dist. marked T. 20  $N.$ , R. 29  $E.$ , S., 30 B. T.
- A Pine 10 ins. diam. bears  $S. E.$ , 21 lks. dist. marked T. 20  $N.$ , R. 29  $E.$ , S., 31 B. T.
- A Cedar 20 ins. diam. bears  $S. 49^{\circ} W.$ , 15 lks. dist. marked T. 20  $N.$ , R. 28  $E.$ , S., 36 B. T.
- No other trees within limits.

W. B. T. 20 N. R. 29 E. G. &amp; S. R. M.

BOOK 1341

Chains.

Land mountainous

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

Timber of Pine and Cedar.

Vegetation of Bunchgrass.

North on a true line between sections 25 and 30.

Va.  $140^{\circ} 18'$  East.

Ascend.

29.50 Top of Spur, bears  $N. 60^{\circ} E.$  and  $S. W.$  and descend.36.10 Cross Gulch, 5 lks. wide, Course  $S. W.$  and ascend.40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  $W.$  face; from whichA Pine 10 ins. diam. bears  $N. 68^{\circ} E.$ , 27 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.A Pine 6 ins. diam. bears  $N.$ , 54 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,  
for Cor. to Secs. 19, 24, 25 and 30, marked T. 20  $N.$ ,  
S. 19 on  $N. E.$ , R. 29  $E.$ , S. 30 on  $S. E.$ , S. 25 on  $S. W.$  and S. 24 on  $N. W.$  faces, with 2 notch<sup>es</sup> on  
S. and 4 notch<sup>es</sup> on  $N.$  edges; from which

W. B. T. 20 N R. 29 E. G. & S. R. M.

Chains. BOOK 1341

A Cedar 22 ins. diam. bears N. 47° E. 16 lks. dist.  
marked T. 20N, R. 29E., S., 19 B. T.

A Cedar 18 ins. diam. bears S. E., 30 lks. dist.  
marked T. 20N, R. 29E., S., 30 B. T.

A Cedar 14 ins. diam. bears N. 12° W., 9 lks. dist.  
marked T. 20N, R. 28E., S., 24 B. T.

No other trees within limits.

Land mountainous and rolling.

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

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

W. B. T. 20 N. R. 29 E. G. & S. R. M.

Chains.

BOOK 1341

North on a true line between sections 19 <sup>Q<sub>u</sub> 24,</sup>  
Va. 140 1/2 East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for 1/2 Sec. Cor., marked 1/2 S. on W. face; from which

A Pine 4 ins. diam. bears N. 35° E., 66 lks. dist.  
marked 1/2 S. B. T.

A Cedar 32 ins. diam. bears S. 10° W., 42 lks. dist.  
marked 1/2 S. B. T.

61.30 Top of Spur, bears N. 55° E. <sup>Q<sub>u</sub> S. 55° W.</sup> 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. 13, 14, 19 <sup>Q<sub>u</sub> 24,</sup>  
marked T. 20 N. S. 18, on N. E., R. 29 E., S. 19  
<sup>R. 28 E.</sup>  
on S. E., S. 24 on S. W. and S. 13 on N. W. face, 3  
with 3 notches on S. and 3 notches on W. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist.,  
and raised a mound of earth 2 ft. high, 4 1/2 ft. base  
around post.

from which

A Cedar 20 ins. diam. bears N. 61 1/2° E., 19 lks. dist.  
marked T. 20 N., R. 29 E., S., 18 B. T.

A Cedar 20 ins. diam. bears N. 20° W., 17 lks. dist.  
marked T. 20 N., R. 28 E., S., 13 B. T.



Auxiliary Guide Meridian, along

W. B. T. 20 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

No other trees within limits.

Land rolling.

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

Timber of Pine & Cedar.

Vegetation of Banohgrass.

North on a true line between sections 13 & 18.

Va. 140° 18' East.

Descend.

40.00

Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on W. face; from which

A Cedar 16 ins. diam. bears N. 85° E., 91 lks. dist. marked 1/4 S. B. T.

A Pine 10 ins. diam. bears S. 27° W., 49 lks. dist. marked 1/4 S. B. T.

80.00

Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18, marked T. 20 N.,

S. 7 on N. E., R. 29 E., S. 18 on S. E., S. 13 on S. W. and S. 12 on N. W. faces, with 4 notches on S. and 2 notches on W. edges; from which

A Pine 10 ins. diam. bears N. 27° E., 11 lks. dist. marked T. 20 N., R. 29 E., S., 7 B. T.

W. B. T. 20 N. R. 29 E. G. &amp; S. R. M

BOOK 1341

Chains.

A Pine 8 ins. diam. bears  $\text{d. } 41^{\circ} \text{ E.}$  02 lbs. dist.  
 marked T. 20 N., R. 29 E., S., 18 B. T.

A Cedar 24 ins. diam. bears  $\text{d. } 10^{\circ} \text{ W.}$  17 lbs. dist.  
 marked T. 20 N., R. 28 E., S., 13 B. T.

A Pine 6 ins. diam. bears  $\text{N. } 13^{\circ} \text{ W.}$  24 lbs. dist.  
 marked T. 20 N., R. 28 E., S., 12 B. T.

Land rolling.

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

Timber of Pine & Cedar.

Vegetation of Bushy grass.

mound of earth 2 ft. high 4 ft. base. alongside

Chains.

North on a true line between sections 7 and 12.

Va. 140 18' East.

Descend.

23.50 Cross Gulch, 12 lks. wide, Course of 60° W, and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 S. on W. face; from which

A Cedar 18 ins. diam. bears N. 52° E, 10 lks. dist. marked 1/2 S. B. T.

A Cedar 24 ins. diam. bears S. 9° W, 22 lks. dist. marked 1/2 S. B. T.

54.60 Top of Spur, bears N. E. 40 S. W. and descend.

60.00 Leave Timber, <sup>low</sup> E. 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. 1, 6, 7 & 12, marked T. 20 N, S. 6, on N. E., R. 29 E, S. 7 on S. E., S. 12 on S. W. and S. 1 on N. W. faces, with 5 notch 20 on S. and 1 notch on W edges; dug pits, 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

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

Timber of Pine & Cedar.

Vegetation of Bunchgrass.

W. B. T. 20 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

North on a true line between sections 1 and 6.  
Va.  $14^{\circ} 18'$  East.

Descend.

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

73.50 Cross Gulch, 7 lks. wide, Course  $N. 50^{\circ} W.$  and ascend.

82.63 Intersect the 5<sup>th</sup> Standard line North, at a  
point 4.50 chs. West of the Standard Cor. to  
Spo. 21 N., Ro. 28 and 29 E. which  
is a post 4 ft. long, 4 ins. square, 24 ins. in the  
ground for Standard Cor. to Spo. 21 N. R. 29 E. marked  
S. O. T. 21 N., R. 29 E. S. 31 on E. and S.  
36 on W. faces, with 6 notches on N.  
E. & W. faces; from which

A Cedar 20 ins. diam. bears  $N. 18^{\circ} E.$ , 40 lks. dist.  
marked T. 21 N., R. 28 E., S. 31 B. T.

A Cedar 20 ins. diam. bears  $N. 17^{\circ} W.$ , 84 lks. dist.  
marked T. 21 N., R. 28 E., S. 36 B. T.

A Cedar 14 ins. diam. bears  $S. 44^{\circ} W.$ , 94 lks. dist.  
marked T. 21 N., R. 28 E., S. 1 B. T. )

BOOK 1341

Chains.

Set a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to Tps. 20 N., R's 28 and 29 E., marked C. C. T: 20 N. on S, R. 29 E. S. 6, on E, and R. 28 E. S. 1 on W. faces with 6 notches on S, E. & W. faces, dug pits, 24 x 18 x 12 ins. crosswise on each line, S, E. & W. of post, 6 ft. dist, and raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft. base, around post,

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation of Bunchgrass. October 9<sup>th</sup> 1882.

W. B. T. 21 N. R. 29 E. G. &amp; S. R. M.

BOOK 1341

Chains.

Before proceeding further with the exteriors of this T<sub>p</sub>.  
I made a change of 5 minutes in the latitude arc  
of my solar compass by same  $\frac{1}{2}$   
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

I took the latitude and found it to be  $35^{\circ}08'N$ .

Standard  
From the Cor. to T<sub>ps</sub>. 21. N. Rs. 28 & 29 E.,  
recently established by me.  
I run,

North on a true line between sections 31 and 36.

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

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
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. 25, 30, 31 & 36,  
marked T. 21 N., S. 30, on N. E., R. 29 E., S. 31  
on S. E., S. 36 on S. W. and S. 25 on N. W. faces,  
with 1 notch on S. and 5 notches on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

W. B. T. 21 N. R. 27 E. G. &amp; S. R. M.

## BOOK 1341

Chains.

Land rolling.

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

Timber of Cedar.

Vegetation of Bunchgrasses.

---

 North on a true line between sections 25 and 30.

Va. 140 15' East.

Ascend.

32.00 Top of Hill bears N. E. and S. W. and descend.

 40.00 Set a sandstone 14 x 10 x 6 ins., 9  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
 face, dug pits, 18 x 18 x 12 ins., N. and S. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

 46.00 Leave Timber, <sup>base</sup> on E. and W. and cross  
 low sag, <sup>at 16</sup> near E. and W. 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. 19, 24, 25 & 30,  
 marked T. 21 N., S. 19, on N. E., R. 27 E., S. 30  
 on S. E. S. 25 on S. W. and S. 24 on N. W. faces;  
 with 2 notch <sup>R. 27 E.</sup> 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.

W. B. T. 21 - N R. 29 E. G. &amp; S R W

No. 1341

BOOK 1341

Chains.

Lana rolling.

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

Timber of Cedar.

Vegetation of Bunchgrass.

North on a true line between sections 19 <sup>and 24,</sup>

Va. 14° 15' East.

Descend.

20.58 across road to Emigrant Springs,  
then N. 60° E. and S. 60° 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  
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. 13, 14, 19 & 24,  
marked T. 21 N., S. 18, on N. E., R. 29 E., S. 19  
<sup>R. 28 E.</sup>  
on S. E. S. 24 on S. W. and S. 13 on N. W. faces;  
with 3 notch  $\infty$  on S. and 3 notch  $\infty$  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.



W. B. T. 21 N R. 29 E. G. & S. R. M.

BOOK 1341

Chains,

Land rolling.

Soil *fine* rate

Vegetation of Bunchgrass.

North on a true line between sections 13 and 18,

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

Descend.

21.25 Cross Road, bears,  $N. 30^{\circ} E$  and  $S. 30^{\circ} W$ .

40.00 **Set a** sand stone  $14 \times 8 \times 6$  ins., 9 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on *W.* face, 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 from which, Section House, bears  $S. 78^{\circ} W$ .

Troll House, bears  $S. 79\frac{1}{2}^{\circ} W$ .

69.00 Terras Rio Puera, 125 lks. wide, course  $S. 50^{\circ} W$ . and ascends

80.00 **Set a** sand stone  $14 \times 10 \times 6$  ins. 14 ins. in the ground for Cor. to Secs. 7, 12, 13 & 15, marked with 4 notches on *S.* and 2 notches on *N.* edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

W. B. T. 21 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

Land rolling.

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

Vegetation *7 Bunchgrass*

---

North on a true line between sections *7 and 12.*  
*Va. 440 15'* East.

Ascend.

4.12 Cr. S. R. R. bears N. 52 1/4° E. and  
 S. 52 1/4° W.

5.87 Telegraph line, bears N. 52 1/4° E. and S. 52 1/4° W.

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

34.00 Enter Timber, E. and W.

40.00 Set a sand stone 14 x 12 x 6 ins., 9  
 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

48.00 Leave Rio Puerco Valley, bears N. E. and S. and ascend.

50.56 Edge of mesa, bears N. E. and S. W. and still ascend.

80.00 Set a sand stone 12 x 12 x 7 ins. 8 ins. in  
 the ground for Cor. to Secs. 1, 6, 7 and 12, marked  
 with 1 notch on S. and 1 notch on E. edges, dug pits  
 18 x 18 x 12 ins. in each Sec., 5 1/2 ft. dist., and raised a  
 mound of earth 2 ft. high 4 1/2 ft. base. alongside

Auxiliary Guide Meridian, *along*

W. B. T. 21 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chains,

Land rolling,

Soil 2<sup>nd</sup> 1<sup>st</sup> 3<sup>rd</sup> rate

Vegetation of Bunchgrass.



North on a true line between sections / *area 61*

Va. 14° 15' East.

Ascend.

7.00

Top of Ridge, bears E. & W. and descend.

40.00

Set a sand stone 14 x 10 x 10 ins., 9 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

45.60

Cross Wash, 6 lks. wide, Course of E. and ascend.

*and* Cross Trail, bears N. W. *and* S. E.

80.00

Set a sand stone 26 x 20 x 10 ins. 9 ins. in the ground, for Cor. to Tps. 21 and 22 N. R's 28 and 29 E., marked with 6 notches on each edge, dug pits, 24 x 18 x 12 ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth 2 1/2 ft. high, 5 ft. base. alongside  
Land mountainous

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

Timber of *Pinus ponderosa*  
Vegetation of Bunchgrass

W. B. T. 22 N. R. 29 E. G. & S. R. M.

BOOK 1341

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.

I took the latitude and found it to be  $35^{\circ}13'$  North. From the Cor. to Secs. 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, just established - I run North on a true line between sections 31 and 36.

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

Ascend.

- 5.70 Top of Spur, bears  $E. \text{ } 90^{\circ} W.$  and descend.
- 24.00 Cross Wash, 10 lks. wide, Course  $S. 50^{\circ} E.$  and ascend.
- 40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which
- A Cedar 12 ins. diam. bears  $N. 68^{\circ} E.$ , 10 lks. dist. marked  $\frac{1}{2}$  S. B. T.
- A Cedar 16 ins. diam. bears  $S. 84^{\circ} W.$ , 19 lks. dist. marked  $\frac{1}{2}$  S. B. T.
- 43.00 Top of Spur, bears  $N. 80^{\circ} W.$  and  $S. 80^{\circ} E.$  and descend.
- 80.00 Set a post 4 ft. long, 4 ins. square, 2 $\frac{1}{2}$  ins. in the ground, for Cor. to Secs. 27, 30, 31, 36, marked T. 22 N., N. 25 E., S. 30 on N. E., R. 29 E., S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. faces, with 1 notch on S. and 5 notches on E. edges; from which

Auxiliary Guide Meridian, along

W. B. T. 22 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

A Cedar 30 ins. diam. bears  $N. 32\frac{1}{2}^{\circ} E.$ , 49 lbs. dist.  
marked T. 22 N., R. 29 E., S., 30 B. T.

A Cedar 18 ins. diam. bears  $S. 25^{\circ} E.$ , 72 lbs. dist.  
marked T. 22 N., R. 29 E., S., 31 B. T.

A Cedar 18 ins. diam. bears  $S. W.$ , 87 lbs. dist.  
marked T. 22 N., R. 28 E., S., 36 B. T.

A Cedar 20 ins. diam. bears  $N. 74^{\circ} W.$ , 21 lbs. dist.  
marked T. 22 N., R. 28 E., S., 25 B. T.

Land rolling.

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

Timber of Pine and Cedar

Vegetation of Bunchgrass.

W. B. T. 22 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

North on a true line between sections 25 <sup>and</sup> 30,

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

Descend.

.40 Cross Wash, 6 lks. wide, Course  $S 50^{\circ} E$ , and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face; from which

A Cedar 22 ins. diam. bears  $S 37^{\circ} E$ , 44 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Cedar 14 ins. diam. bears  $N. 13^{\circ} 12' W$ , 9 lks. dist. marked  $\frac{1}{4}$  S. B. T.

57.50 Top of Ridge, bears  $N. 60^{\circ} W$  <sup>and</sup>  $S. 60^{\circ} E$ , and descend.

76.40 Cross Wash, 8 lks. wide, Course  $S E$ , and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 19, 24, 25 & 30, marked T. 22 N. S. 19, on N. E., R. 29 E., S. 30 on S. E. <sup>R. 28 E.</sup> S. 25 on S. W. and S. 24 on N. W. faces, with 2 notch  $\infty$  on S. and 4 notches  $\infty$  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.

from which

A Cedar 16 ins. diam. bears  $S. 14^{\circ} 16' E$ , 27 lks. dist. marked T. 22 N., R. 29 E., S., 30 B. T.

W. B. T. 22 N. R. 27 E. G. &amp; S. R. M.

BOOK 1341

Chains.

A Cedar 20 ins. diam. bears N. 25° W, 15 lks. dist.

marked T. 22 N., R. 28 E., S., 24 B. T.

No other trees within limits.

Land rolling.

Soil *low* rate.

Timber of Pine &amp; Cedar.

Vegetation of Bunchgrass.

W. B. T. 22 N R. 29 E. G. & S. R. M.

BOOK 1341

Chains.

North on a true line between sections 19 & 24.

Va. 140 15' East.

Ascend.

31.93 Cross Road, bears, N. 30° W. and S. 30° E.

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

51.15 Cross Road, bears, N. 10° E. and S. 10° W.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 13, 16, 19 & 24, marked T. 22 N, S. 18, on N. E., R. 29 E., S. 19 on S. E., S. 24 on S. W. and S. 13 on N. W. face, with 3 notch  $\infty$  on S. and 3 notch  $\infty$  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 rolling.

Soil *gr* rate.

Timber of Cedar.

Vegetation of Bunch grass.



Auxiliary Guide Meridian, along

W. W.B. T. 22 N. R. 29 E. G. & S. R. M.

BOOK 1341

Chain Chains.

	North	on a true line between sections 13 and 18.
		Va. 140° 15' E
	Ascend.	
14.80	Top of Ridge,	bears E. and W. and descend.
40.00	Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,	for 1/2 Sec. Cor., marked 1/2 S. on W. face; from which
	A Cedar 28 ins. diam. bears N. 34° E,	17 lks. marked 1/2 S. B. T.
	A Cedar 18 ins. diam. bears N. 20 1/2° W,	11 lks. marked 1/2 S. B. T.
64.70	Cross Wash, 8 lks. wide. Course E.	and ascend.
80.00	Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground	for Cor. to Secs. 7, 12, 18 & 18, marked T. 22
	S. 7 on N. E., R. 29 E., S. 18 on S. E., S. 13 on	S. W. and S. 12 on N. W. faces, with 4 notch on
	S. and 2 notch on W. edges; from which	
	A Cedar 24 ins. diam. bears N. 29° E,	41 lks. marked T. 22 N, R. 29 E., S., 7 B. T.
	A Cedar 16 ins. diam. bears S. E.,	86 lks. marked T. 22 N, R. 29 E., S., 18 B. T.
	A Cedar 32 ins. diam. bears S. 60 1/4° W,	94 lks. marked T. 22 N, R. 29 E., S., 18 B. T.

W. B. T. 22 N R. 29 E. G. &amp; S. R. M.

BOOK 1341

ins.

A Cedar 24 ins. diam. bears N. 87 $\frac{1}{2}$ ° W, 50 lks. dist.

marked T. 22 N, R. 29 E., S., 12 B. T.

Land rolling.

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

Timber of Cedar.

Vegetation of Bunchgrass.

Auxiliary Guide Meridian, along

W. B. T. 22 N. R. 29 E. G. & S. R. M.

BOOK 1341

C Chains.

North on a true line between sections 7 <sup>and</sup> 12,  
Va. 14° 15' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on W. face; from which

A Cedar 15 ins. diam. bears N. 10 $\frac{1}{2}$ ° E, 9 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Cedar 20 ins. diam. bears S. 46° W, 32 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

80.00 Set a Sand stone 24 x 20 x 16 ins. 18 ins. in  
the ground for Cor. to Secs. 1, 6, 7, 12, marked  
with 5 notches on S. and 1 notch on W. edges and  
raised a mound of stone. alongside Pits impracticable.  
from which

A Cedar 26 ins. diam. bears N. 67 $\frac{1}{2}$ ° E, 57 lks. dist.  
marked T. 22 N, R. 29 E., S., 6 B. T.

A Cedar 24 ins. diam. bears N. 24° W, 9 lks. dist.  
marked T. 22 N, R. 28 E., S., 1 B. T.

No other trees within limits.

Land rolling.

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

Timber of Cedar.

Vegetation of Bunch grass.

W. B. T. 22 N. R. 29 E. G. &amp; S. R. M.

BOOK 1341

Chains.

North on a true line between sections 1 &amp; 6.

Va.  $140^{\circ} 15'$  East.

Ascend.

110.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face; from which

A Cedar 18 ins. diam. bears  $N. 34^{\circ} E.$ , 57 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

A Cedar 30 ins. diam. bears  $N. 9^{\circ} 10' W.$ , 16 lks. dist.  
marked  $\frac{1}{4}$  S. B. T.

80.00 Set a sand stone  $14 \times 12 \times 12$  ins. 9 ins. in the  
ground, for Cor. to Tps. 22 and 23 N, R's 28 and  
29 E., marked with 6 notches on each edge, from which

A Cedar 13 ins. diam. bears  $N. 59^{\circ} 10' E.$ , 77 lks. dist.  
marked T. 23 N, R. 29 E, S., 31 B. T.

A Cedar 22 ins. diam. bears  $N. 61^{\circ} E.$ , 39 lks. dist.  
marked T. 23 N, R. 29 E., S., 6 B. T.

A Cedar 20 ins. diam. bears  $N. 20^{\circ} 10' W.$ , 17 lks. dist.  
marked T. 22 N, R. 28 E., S., 1 B. T.

A Cedar 14 ins. diam. bears  $N. 26^{\circ} W.$ , 24 lks. dist.  
marked T. 23 N, R. 28 E., S., 36 B. T.

Auxiliary Guide Meridian, *along*

W. B. T. 22 N. R. 29 E. G. & S. R. M.

BOOK 1341

C Chains,

Lana rolling.

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

Timber of Cedar.

Vegetation of Bunchgrass.

October 10<sup>th</sup> 1882.

For final notes see  
book 18-

U. S. Surveyor General's Office,

TUCSON. ARIZONA, *May 17,* 18*82*

The foregoing Field Notes of the Survey of the  
*Auxiliary Guide Meridian along N.B.  
Townships 19, 20, 21 & 22, Range 29 E.*

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by *W. R. Fitzgerald*  
Deputy Surveyor, under his contract of the *17<sup>th</sup>*  
day of *July*, 18*82*, having been  
critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe  
are hereby approved.

*[Signature]*  
Surveyor General.