

~~Book X~~

Book 2

*Copied  
from original*

*W. R. Fitzgerald* Deputy Surveyor.  
T. *20 North*, R. *30 East*,  
*Gila & Salt River* Meridian.

*Discarded*

*No 375*

# FIELD NOTES

OF BOOK 375

THE SUBDIVISION LINES OF

Township *20 N.* Range *30 E.*  
*G. & S. R.* Meridian.

BY

*W. R. Fitzgerald* Deputy Surveyor.

Under his Contract of *July 7* 188*2*,  
Survey Commenced *Nov. 17* 188*2*  
Survey Completed *Nov. 20* 188*2*,

*No 375*

*Platted,  
Copied for Washington,  
Copied for Register,*

375

Table of latitude and departure for a line of 80 chains at any course from 1 to 60 minutes.

Minutes.	Lks.	Minutes.	Lks.	Minutes.	Lks.
1	2½	21	49	41	95½
2	4½	22	51½	42	98
3	7	23	53½	43	100½
4	9½	24	56	44	102½
5	11½	25	58½	45	105
6	14	26	60½	46	107½
7	16½	27	63	47	109½
8	18½	28	65½	48	112
9	21	29	67½	49	114½
10	23½	30	70	50	116½
11	25½	31	72½	51	119
12	28	32	74½	52	121½
13	30½	33	77	53	123½
14	32½	34	79½	54	126
15	35	35	81½	55	128½
16	37½	36	84	56	130½
17	39½	37	86½	57	133
18	42	38	88½	58	135½
19	44½	39	91	59	137½
20	46½	40	93½	60	140

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Table for Running on Slopes.

In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain horizontal measurement.

Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.
0		0		0		0	
4	0·24	11	1·88	18	5·14	25	10·54
5	0·38	12	2·24	19	5·76	26	11·26
6	0·55	13	2·63	20	6·42	27	12·24
7	0·76	14	3·06	21	7·11	28	13·37
8	0·98	15	3·53	22	7·85	29	14·34
9	1·24	16	4·02	23	8·64	30	15·47
10	1·55	17	4·56	24	9·47	35	22·07

*W. R. Fitzgerald* Deputy Surveyor.  
**T.** *20 North*, **R.** *30 East*,  
*Gila & Salt River* Meridian.

## FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *20 N.*, Range *30 E.*,  
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1A

BOOK 375

Township 20 North, Range 30 East,  
Wichita and Salt River Basins Meridian.

6	60	5	44	4	33	3	22	2	11	1
59		58		43		32		21		10
7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

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BOOK 375

Township

Range

Meridian.

No-375-

Township.....

Range.....

Meridian.

For preliminary  
oath and description  
of instrument see  
Book No. 1 -

~~Survey made with Darts Patent  
Improved Solar Compass, made by  
Otto Sessel of Cassel Germany  
in 1881.~~

1<sup>c</sup> Township *Seppaennohagan* 20 N.

Range 30 E.  
S. & P.R. Meridian.

Chains

From the corner to Sections 35, 36, 1 and 2 on the South boundary, *of which*

is a post, 4 ins. square, marked S. 20 N. W. 36 on N.E. R. 30 E. S. 1 on S.E. T. 19 N. S. 2 on S.W. & S. 35 on N.W. faces, with notch on E. & 5 notches on W. edges from which  
A Pine 6 ins. dia. bears N. 47 1/4 E. 91 lks. dist, marked S. 20 N. R. 30 E. S. 36 P. 1  
A Cedar, 24 ins. dia. bears S. E. 30 lks. dist, marked S. 19 N. R. 30 E. S. 1 P. 1  
A Cedar, 20 ins. dia. bears S. 15° W. 10 lks. dist, marked S. 19 N. R. 30 E. S. 2 P. 1  
A Pine 10 ins. dia. bears N. 80° W. 103 lks. dist, marked S. 20 N. R. 30 E. W. 35 P. 1  
Run North between Secs. 35 - 36.

1 a. 14° 15' E.

Descend

40.00

Set post 3 ft. long, 3 ins. dia., 24 ins. in the ground for 1/4 Sec. Cor. marked 1/4 S. on W. face, from which  
A Cedar 22 ins. dia. bears S. 45 1/2 E. 90 lks. dist, marked 1/4 S. P. 1  
A Cedar 10 ins. dia. bears N. 77° W. 111 lks. dist, marked 1/4 S. P. 1

0.00

Set post 4 ft. long, 4 ins. square, 24 ins. in the ground for Cor. to Secs. 25 - 26 - 35 - 36 marked W. 20 N. S. 25 on N.E. R. 30 E. S. 36 on S.E. S. 35 on S.W. faces, & S. 26 on N.W. faces, with notch on S. & E. edges from which  
A Cedar 24 ins. dia. bears N. 35° E. 17 lks. dist, marked S. 20 N. R. 30 E. S. 25 P. 1  
A Cedar 18 ins. dia. bears S. 67° E. 51 lks. dist, marked S. 20 N. R. 30 E. S. 36 P. 1  
A Cedar 20 ins. dia. bears S. 81° W. 74 lks. dist, marked S. 20 N. R. 30 E. W. 35 P. 1

0.00

A Cedar 24 ins. dia. bears N. 18° W.  
64 lks. dist. marked S. 20 N. R. 30 E. S. 26 P. 1.  
Same as nothing.  
Site 3 1/2" alt.  
Siberian Cedar  
Vegetation, Birch grass.

Township

20 N,

Range

30 E,

G. &amp; S. R.

Meridian.

Chains

East, on a random line between Sections 25 and 36.

Variation

114° 15'

East.

Descend gradually.

40.00 Set temporary  $\frac{1}{4}$  sec. cr.80.17 Intersect C. P. of Sp. 18 lks. North of  
cr. to secs. 25-30-31-36, <sup>recently established by us</sup> from which  
corner run N. 89° 52' W., on a true  
line bet. secs. 25-36.

Va. 114° 15' E.

40.09 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cr., marked  
 $\frac{1}{4}$  S. on N. face,

from which

A Cedar, 18 ins. dia., bears S. 52° E, 10 lks.,  
dist., marked  $\frac{1}{4}$  S. P. S.A Cedar, 20 ins. dia., bears N. 36° W.,  
42 lks. dist., marked  $\frac{1}{4}$  S. P. S.

80.17 The cr. to secs. 25-26-35-36.

Land rolling.

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

Timber, Cedar.

Vegetation, Bunchgrass.



Township

20 N,

Range

30 E,

T. 9 S. R.

Meridian.

Chains

North, between Sections 25 and 26.

Variation

14° 15'

East.

Ascend,

- 40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins.  
in the ground for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  S. on N. face,  
from which  
A Cedar 30 ins. dia., bears N. 87° E.  
97 lbs. dist., marked  $\frac{1}{4}$  S. P. S.
- A Cedar, 16 ins. dia., bears S. 14° W.  
85 lbs. dist., marked  $\frac{1}{4}$  S. P. S.
- 76.00 Top of Ridge, bears N. 60° E. & S. 60° W.  
and descend.
- 80.00 Set post, 4 ft. long, 4 ins. square, 24 ins.  
in the ground, for Cor. 10 Secs. 23-24-25-26,  
marked S. 20 N, S. 24 on N. E., R. 30 E. S.  
25 on S. E., S. 26 on S. W. & S. 23 on N. W.  
faces with 2 notches on S. & 1 notch  
on E. edge, from which  
A Cedar 36 ins. dia., bears N. 11° E. 47 lbs.  
dist., marked S. 20 N, R. 30 E. S. 24 P. S.
- A Cedar 20 ins. dia., bears S. 56° E. 19 lbs.  
dist., marked S. 20 N, R. 30 E. S. 26 P. S.
- A Cedar 14 ins. dia., bears S. 38° W. 7 lbs.  
dist., marked S. 20 N, R. 30 E. S. 26 P. S.
- A Cedar 20 ins. dia., bears N. 20° W. 82 lbs.  
dist., marked S. 20 N, R. 30 E. S. 23 P. S.
- Land mountainous. Soil 3<sup>rd</sup> rate,  
Timber, Cedar. Vegetation, Bunchgrass.

Township

20 N.,

Range

30 E.

4

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 24 and 25.

Variation

14° 15'

East.

Ascend,

- 40.00 Set temporary  $\frac{1}{4}$  sec. cr.
- 80.22 Intersect E. B. of Sp. 22 lks. South  
of cr. to sees. 19-24-25 & 30 from <sup>recently established by</sup> ~~me~~  
which corner, Squ. S. 89° 51' N.,  
on a true line between sees. 24-25,  
Ta. 14° 15' E.
- 40.11 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cr. marked  
 $\frac{1}{4}$  S. on N. face, from which  
A Cedar, 16 ins. dia., bears S. 32° E., 27 lks.  
dist, marked  $\frac{1}{4}$  S. B. I.  
A Cedar, 24 ins. dia., bears N. 55° W., 725 lks.  
dist, marked  $\frac{1}{4}$  S. B. I.
- 80.22 The cr. to sees. 23-24-25-26,  
Sand rolling,  
Soil 3<sup>rd</sup> rate,  
Timber, Cedar,  
Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. & N.R. Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 15'

East.

Descend,

10.50 Cross Depression, bears N. 60° E. & S. 60° W. and ascends,

40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, from which  
A Cedar, 26 ins. dia., bears N. 10° E., 53 lks. dist.  
A Cedar, 14 ins. dia., bears S. 78° W., 42 lks. dist., both of which I mark 1/4 S. P. J.

78.40 Top of Ridge, boro. N. 65° E. & S. 65° W. descend,

80.00 Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 13, 14, 23, 24, marked T. 20 N. S. 13 on N. E., R. 30 E. S. 24 on S. E., S. 23 on S. W. and S. 14 on N. W. faces, with 3 notches on S. & 1 notch on E. edges, from which  
A Cedar, 18 ins. dia., bears N. 14° E., 29 lks. dist., marked T. 20 N. R. 30 E. S. 13 P. J.  
A Cedar, 10 ins. dia., bears S. 18° E., 44 lks. dist., marked T. 20 N. R. 30 E. S. 24 P. J.  
A Cedar 24 ins. dia., bears S. 52° W., 76 lks. dist., marked T. 20 N. R. 30 E. S. 23 P. J.  
A Cedar 18 ins. dia., bears N. 71° W., 60 lks. dist., marked T. 20 N. R. 30 E. S. 14 P. J.  
Land mountainous, Soil 3<sup>rd</sup> rate, Timber, Cedar, Vegetation, Pinchgrass.

Township

20 N,

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 13 and 24.

Variation

14° 15'

East.

Ascend gradually.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.90 Intersect E. P. of Sp. 14 lks. South  
of cor. to secs. 13-18-19-24 from  
which corner, run S. 89° 54' N, on  
a true line bet. secs. 13-24,  
Va. 14° 15' E.39.95 Set post, 3 ft. long, 3 ins. dia., 24 ins.  
in the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  S. on N. face,

from which,

A Cedar, 18 ins. dia., bears N. 64° E,  
39 lks. dist., marked  $\frac{1}{4}$  S. P. I.A Cedar 20 ins. dia., bears S. 57° W,  
40 lks. dist., marked  $\frac{1}{4}$  S. P. I.

79.90 The cor. to secs. 13-14-23-24,

Land rolling.

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

Timber Cedar.

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R.

Meridian.

Chains

North, between Sections 13 and 14.

Variation

14° 15'

East.

Descend gradually.

14.50

Leave timber, bear E. &amp; W.

40.00

Set post, 3 ft. long, 3 in. dia., with  
marked stone, 12 in. in the ground,  
for 1/4 Sec. Co., marked 1/4 S. on N.  
face, dug pits, 18 x 18 x 12 in. N. & S.  
of post, 5 1/2 ft. dist., and raised  
a mound of earth, 1 1/2 ft. high,  
3 1/2 ft. bare around post.

50.20

Cross Depression, bear N. 10° E. &  
S. 10° W. and ascend.

80.00

Set post, 4 ft. long, 4 in. square,  
with marked stone, 12 in. in the  
ground, for Cor. to Secs. 11-12-13-14,  
marked S. 20 N. S. 12 on N. E. R. 30 E.  
S. 13 on S. E., S. 14 on S. W. & S. 11 on  
N. W. faces, with 4 notches on S. and  
1 notch on E. edges, dug pits, 18 x 18  
x 12 in. in each Sec., 5 1/2 ft. dist., and  
raised a mound of earth, 2 ft.  
high, 4 1/2 ft. bare around post.  
Land rolling. Soil 3<sup>rd</sup> rate.  
Timber, Cedar.  
Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R.

Meridian.

8

Chains

East, on a random line between Sections 12 and 13.

Variation

14° 15'

East.

Descend gradually.

40.00

Set temporary  $\frac{1}{4}$  Sec. Co.

50.16

Intersect C. P. of Tp. 28 lks. S. of  
 cor. to Secs. 7-12-13-18 <sup>recently established by me</sup> from which  
 corner. Run S. 89° 48' W., on a  
 true line between Secs. 12-13.  
 Pa. 14° 15' E.

40.08

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

50.16

The cor. to Secs. 11-12-13-14.

Land rolling.

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

Timber, Cedar

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. 9 S. R.

Meridian.

Chains

North, between Sections 11 and 12.

Variation

14° 15'

East.

Ascend gradually

35.00 Center timber, bears E. &amp; W.

40.00. Set post, 3 ft. long, 3 ins. dia., 24 ins.  
in the ground, for 1/4 Sec. Co.,  
marked 1/4 S. on N. face, from which  
A Cedar, 20 ins. dia., bears N. 37° W. 58 lbs. dist.  
A Cedar, 24 ins. dia., bears S. 55° E. 6 lbs. dist.  
both of which I mark 1/4 S. B. J.

80.00 Set post, 4 ft. long, 4 ins. square, 24 ins.  
in the ground, for Cor. to Secs.  
1-2-11-12, marked S. 20 N. S. 1 on N. E.,  
R. 30 E. S. 12 on S. E., S. 11 on S. W.,  
and S. 2 on N. W. faces, with 5 notches  
on S. and 1 notch on E. edges,

from which  
A Cedar, 20 ins. dia., bears N. 50° E. 18 lbs.  
dist, marked S. 20 N. R. 30 E. S. 1 B. J.  
A Cedar, 20 ins. dia., bears S. 7° E. 17 lbs.  
dist, marked S. 20 N. R. 30 E. S. 12 B. J.  
A Cedar, 15 ins. dia., bears S. 27° W. 35 lbs. dist.  
marked S. 20 N. R. 30 E. S. 11 B. J.  
A Cedar, 16 ins. dia., bears N. 11° W. 77 lbs.  
dist, marked S. 20 N. R. 30 E. S. 2 B. J.  
Sign rolling. Soil 3<sup>d</sup> rate  
Timber, Cedar. Vegetation, Sunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 1 and 12.

Variation

14° 15'

East.

Ascend gradually.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.82 Intersect C. B. of Sp. 2 1/2 blks. N. of  
cor. to secs. 1-6-7-12 <sup>recently established by me.</sup> from which  
corner, run N. 89° 50' W., on a true  
line bet. secs. 1-12,

Va. 14° 15' E.

39.91 Set post, 3 ft. long, 3 ins. dia., 2 1/4 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cor., marked  
 $\frac{1}{4}$  on N. face, from whichA Cedar, 18 ins. dia., bears N. 24° W., 47 blks.  
dist., marked  $\frac{1}{4}$  S. B. I.A Cedar, 20 ins. dia., bears S. 81° E., 36 blks.  
dist., marked  $\frac{1}{4}$  S. B. I.

79.82 The cor. to secs. 1-2-11-12,

Land rolling.

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

Timber, Cedar,

Vegetation, Bunchgrass.



Township 20 N. Range 30 E.  
*G. & S.R.* Meridian.

Chains

North, on a <sup>true</sup> ~~random~~ line between Sections 1 and 2.

Variation 14° 15' East.

Ascend,

40.00 Set post, 3ft. long, 3ins. dia., 24ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, from which  
 A Cedar, 20ins. dia., bears S. 23° E., 61lks. dist, marked  $\frac{1}{4}$  S. P. J.  
 A Cedar, 14ins. dia., bears N. 48° W., 40lks. dist, marked  $\frac{1}{4}$  S. P. J.

42.50 Top of Ridge, bears N. 20° E. & S. 20° W. and descend.

82.56 Intersect 5th Standard Parallel Mark

Margally examined the adjustments of my compass today and found them correct.  
 N. R. Fitzgerald, Mar. 17, 1882.

9.52 chs. West of Standard Cor. to Secs. 35-36 of T. 21 N. R. 30 E. and set post, 4ft. long 4ins. square, 24ins. in the ground for Closing Cor. to Secs. 1-2, marked C.C., T. 20 N. R. 30 E., on S. S. 1 on E. and S. 2 on N. faces, with 1 notch on E. & 3 notches on N. faces, from which  
 A Cedar 30ins. dia., bears N. 12° E., 31lks. dist, marked T. 21 N. R. 30 E. S. 35 P. J.  
 A Cedar, 16ins. dia., bears S. E., 59lks. dist, marked T. 20 N. R. 30 E. S. 1 P. J.  
 A Cedar, 30 ins. dia., bears S. 75° W. 20lks. dist. marked T. 20 N. R. 30 E. S. 2 P. J.  
 Land mountainous. Soil <sup>3rd</sup> pale. Timber, Cedar. Vegetation, Prairiegrass.

ownship

20 N, Range 30 E,

G. & S. R., Meridian.

Chains

From cor. to Secs. 2-3-24-35 on S.B. which is a post, 4 ins. square, set firmly in the ground, & marked  $19^{\circ} 20' N. S. 35$  on N.E., R. 30 E., S. 2 on S.E., S. 19 N. S. 3 on S.W. and S. 34 on N.W. faces, with 2 notches on E. and 4 notches on W. edges. from which,  
 1 Pine, 6 ins. dia., bears N.  $17^{\circ} 1/2' E.$  42 lbs, dist. marked  $19^{\circ} 20' N. R. 30 E. S. 35 P. 1$ ,  
 1 Cedar, 24 ins. dia., bears S.  $51^{\circ} 1/2' E.$  107 lbs, dist. marked  $19^{\circ} N. R. 30 E. S. 3 P. 1$ ,  
 1 Pine, 8 ins. dia., bears S.  $46^{\circ} 11' N.$  32 lbs, dist. marked  $19^{\circ} N. R. 30 E. S. 3 P. 1$ ,  
 1 Pine, 8 ins. dia., bears N.  $18^{\circ} 1/2' W.$  19 lbs, dist. marked  $19^{\circ} 20' N. R. 30 E. S. 34 P. 1$ ,  
 Run North, between Secs. 34 & 35.  $14^{\circ} 15' E.$

40.00

Descend gradually, set post 3 ft. long, 5 ins. dia., 24 ins. in the ground, for Sec. Cor., marked  $14^{\circ}$  on W. face. from which,  
 1 Pine, 22 ins. dia., bears S.  $40^{\circ} E.$  37 lbs, dist. marked  $14^{\circ} S. P. 1$ ,  
 1 Cedar, 14 ins. dia., bears N.  $20^{\circ} W.$  13 lbs, dist. marked  $14^{\circ} S. P. 1$ ,  
 Clear timber, bears E. & W.

74.00

Cross low Sag and ascend.

75.00

Set post 4 ft. long, 4 ins. square with marked Stone 12 ins. in the ground, for Cor. to Secs 26-27-34-35, marked  $19^{\circ} 20' N. S. 26$  on N.E., R. 30 E., S. 35 on S.E., S. 34 on S.W. and S. 27 on N.W. faces, with 1 notch on S. & 2 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec,  $5^{\circ} 1/2'$  high, & raised a mound of earth, 2 ft. high, 1 1/2 ft. base around post.

Land selling, 80.00  
 1/2 W. Sec. 26, 27, 34, 35  
 Timber, Pine, Cedar  
 Engeltown, (Cincinnati)

Township

20 N.,

Range

30 E.,

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 26 and 35.

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

Descend gradually.

17.50 Enter timber, bears N. and S.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.81 Intersect N. & S. line, 21 lks. South  
of cor. to secs. 25-26-35-36, from  
which corner, run S.  $89^{\circ}51'W.$  in  
a true line bet. secs. 26-35.Va.  $14^{\circ}15'E.$ 39.91 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  S. on N. face,  
from whichA Cedar, 14 ins. dia., bears  $S. 16^{\circ}E.$  16 lks.  
dist., marked  $\frac{1}{4}$  S. P. T.A Cedar, 18 ins. dia., bears  $N. 57^{\circ}W.$  19 lks.  
dist., marked  $\frac{1}{4}$  S. P. T.

79.81 The cor. to secs. 26-27-34-35.

Land rolling.

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

Timber, Cedar.

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

14

G. &amp; S. R. Meridian.

Chains

North, between Sections 26 and 27.

Variation

14° 15'

East.

Ascend.

- 9.00 Top of Spur, bears N. 65° E. & S. 65° W. <sup>ascend.</sup> <sup>dist.</sup>
- 20.00 Chavez House bears N. 85° W., about S. 20 chs.
- 27.30 across Gulch, 100 yds. wide, course S. 50° W. & ascend.
- 40.00 Set post, 3 ft. long, 3 ins. dia., with marked Stone, 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits, 18 x 18 x 12 ins. N. & S. of post, 5 1/2 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post.
- 46.00 Top of Spur, bears N. E. & S. W. & descend.
- 80.00 Set post, 4 ft. long, 4 ins. square with marked Stone, 12 ins. in the ground, for Cor. to Secs. 22-23-26-27, marked 1/4 20 N. S. 23 on N. E., Q. 30 E., S. 26 on S. E., S. 27 on S. W. and S. 22 on N. W. faces, with 2 notches on S. & 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, Soil 3<sup>rd</sup> rate, Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. & S. R.

Meridian.

Chains

East, on a random line between Sections 23 and 26.

Variation  $114^{\circ} 15'$  East.

Ascend gradually.

- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.
- 79.67 Intersect N. & S. line, 34 lks. S. of  
 cor. to secs. 23-24-25-26, from  
 which corner, run S.  $89^{\circ} 45' N$ ,  
 on a true line bet. secs. 23-26,  
 Va.  $114^{\circ} 15' E$ .
- 39.84 Set post, 3 ft. long, 3 in. dia., 24 ins.  
 in the ground, for  $\frac{1}{4}$  Sec. cor.,  
 marked  $\frac{1}{4}$  S. on N. face,  
 from which,  
 A cedar, 20 ins. dia., bears N.  $37^{\circ} E$ , 37 lks.  
 dist., marked  $\frac{1}{4}$  S. B. T.  
 A cedar, 20 ins. dia., bears S.  $78^{\circ} W$ ,  
 47 lks. dist., marked  $\frac{1}{4}$  S. B. T.
- 79.67 The cor. to secs. 22-23-26-27.  
 Land rolling.  
 Soil 3<sup>rd</sup> gate.  
 Timber, cedar.  
 Vegetation, Bunchgrass.

Township

20 N., Range 30 E.

G. &amp; S. R., Meridian.

Chains

North, between Sections 22 and 23.

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

Descend

24.30 Across Gulch, 6 lks. wide, course S. 40 W.,  
and ascend,

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

80.00 Set post, 4 ft. long, 4 ins. square, with  
marked stone, 12 ins. in the ground,  
for Cor. to Secs. 14-15-22-23 marked  
S. 20 N. S. 14 on N. E., R. 30 E., S. 23 on  
S. E., S. 22 on S. W. and S. 15 on  
N. W. faces, with 3 notches on S. 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. bare around post.  
Land mountainous,  
Soil 3<sup>rd</sup> rate,  
Vegetation, Bunchgrass.

Township

20 N,

Range

30 E,

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 14 and 23.

Variation  $14^{\circ}15'$ 

East.

Ascend gradually,

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.84 Intersect N. & S. line, 20 lks. North  
of cor. to secs. 13-14-23-24, from which  
corner, run N.  $89^{\circ}51'W$ , on a true  
line between secs. 14 - 23,Va.  $14^{\circ}15'E$ .39.92 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cor., marked  
 $\frac{1}{4}$  S. on N. face,

from which,

A cedar, 20 ins. dia., bears N.  $26^{\circ}E$ , 25 lks.  
dist, marked  $\frac{1}{4}$  S. P. T.A cedar, 20 ins. dia., bears S.  $84^{\circ}W$ ,  
97 lks. dist, marked  $\frac{1}{4}$  S. P. T.

79.84 The cor. to secs. 14-15-22-23,

Land rolling.

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

Timber, Cedar

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. P. Meridian.

Chains

North, between Sections 14 and 15.

Variation

14° 15'

East.

Ascend.

- 5.60 Center Timber bears N.E. & W.  
 40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
 the ground, for 1/4 Sec. Co., marked  
 1/4 S. on W. face, from which,  
 A Cedar, 12 ins. dia., bears S. 84° E., 17 lks. dist.  
 A Cedar, 18 ins. dia., bears N. 27° W., 6 lks. dist.,  
 both of which I mark 1/4 S. P. T.  
 64.50 Top of Spur, bears E. & W. & descend,  
 72.30 Cross Gulch, 6 lks. wide, Course N. & ascend,  
 80.00 Set post, 4 ft. long, 4 ins. square, 24 ins.  
 in the ground, for Co. to Secs. 10-11-14-15,  
 marked S. 20 N. S. 11 on N.E., R. 30 E. S. 14  
 on S.E., S. 15 on S. W. and S. 10 on N. W.  
 faces, with 4 notches on S. and 2 notches  
 on E. edges, from which,  
 A Cedar, 14 ins. dia., bears N. 37° E., 25 lks.  
 dist., marked S. 20 N. R. 30 E. S. 11 1/3 T.  
 A Pine, 8 ins. dia., bears S. 65° E., 17 lks.  
 dist., marked S. 20 N. R. 30 E. S. 14 1/3 T.  
 A Pine, 4 ins. dia., bears S. 76° W., 8 1/2 lks.  
 dist., marked S. 20 N. R. 30 E. S. 15 1/3 T.  
 A Cedar, 18 ins. dia., bears N. 29° W., 17 lks.  
 dist., marked S. 20 N. R. 30 E. S. 10 1/3 T.  
 Land mountainous, Soil 3<sup>rd</sup> grade,  
 Timber, Pine & Cedar, Vegetation, Scruboak.



Township

20 N.,

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 11 and 14.

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

Descend gradually.

40.00

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

80.04

Intersect N. & S. line, 11 lks. South of corner to secs. 11-12-13-14, from which corner, run S.  $89^{\circ}55' W.$ , on a true line bet. secs. 11-14,  $\text{ra. } 14^{\circ}15' E.$ 

40.05

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

80.09

The cor. to secs. 10-11-14-15.

Land rolling.

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

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

North, between Sections 10 and 11.

Variation

14° 15'

East.

Ascend.

- 5.10 Top of Spur, bears E. & W. & descend,  
 40.00 Set post, 3 ft. long, 3 ins. dia., with marked  
 stone, 12 ins. in the ground, for Sec.  
 cor., marked 14 S. on N. face, dug  
 pits, 18 x 18 x 12 ins. N. & S. of post,  
 5 1/2 ft. dist, and raised a mound  
 of earth, 1 1/2 ft. high, 3 1/2 ft. bare around post.  
 44.00 To bank of Mesa and descend at a steeply,  
 80.00 Set post, 4 ft. long, 4 ins. square, 2 4 ins.  
 in the ground, for Cor. to Secs. 2-3-10-11,  
 marked T. 20 N. S. 2 on N. E. R. 30 E. S. 11  
 on S. E. S. 10 on S. W. and S. 3 on N. W.  
 faces, with 5 notches on S. & 1 notch  
 on E. edges, from which  
 A cedar, 20 ins. dia., bears N. 55° E., 42 lbs.  
 dist, marked T. 20 N. R. 30 E. S. 2 B. 1.  
 A Cedar, 12 ins. dia., bears S. 50° E., 29 lbs.,  
 dist, marked T. 20 N. R. 30 E. S. 11 B. 1.  
 A Pine, 8 ins. dia., bears S. 67° W., 35 lbs.,  
 dist, marked T. 20 N. R. 30 E. S. 10 B. 1.  
 A Cedar, 20 ins. dia., bears N. 38° W., 43 lbs.,  
 dist, marked T. 20 N. R. 30 E. S. 3 B. 1.  
 Sand mountains, Soil 3 1/2 ft. at,  
 Amber, Pine & Cedar. Vegetation, bunchgrass.

Township

20 N,

Range

30 E,

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 2 and 11.

Variation

14° 15'

East.

Descend gradually.

40.00

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

79.90

Intersect N. &amp; S. line, 22 lks. South of cor. to sees. 1-2-11-12, from which corner, run S. 89° 51' W, on a true line bet. sees. 2-11.

Va. 14° 15' E.

39.95

Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face,

from which,

A Cedar, 20 ins. dia., bears N. 24° E, 11 lks. dist., marked  $\frac{1}{4}$  S. B. T.A Cedar, 14 ins. dia., bears S. 15° W, 9 lks. dist., marked  $\frac{1}{4}$  S. B. T.

79.90

The cor. to sees. 2-3-10-11.

Land rolling.

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

Timber Cedar,

Vegetation, Bunchgrass.

Township

20 N.,

Range

30 E.

G. & S. R.

Meridian.

Chains

North, on a <sup>true</sup> random line between Sections 2 and 3.

Variation 14° 15' East.

2.00 Descend,  
across Wash, 10 lks. wide, course N. 80° W.,  
and ascend.

40.00 Set post, 3 ft. long, 3 ins. dia, with  
marked Stone 12 ins. in the ground,  
for 1/4 Sec. Co., marked 1/4 S. on  
N. face, dug pits, 18 x 18 x 12 ins. N.  
& S. of post, 5 1/2 ft. dist, and raised a  
mound of earth, 1 1/2 ft. high, 3 1/2 ft.  
base around post.

82.84 Intersect 5th Standard Parallel North  
9.65 chs. West of Standard Co. to Secs.  
34-35, of T. 21 N. R. 30 E., <sup>recently established by me</sup> and

Set post, 4 ft. long, 4 ins. square, 2 1/2 ins.  
in the ground, for Closing Co. to Secs. 2-3,  
marked C.C. T. 20 N. R. 30 E., on S., S. 2 on  
E. & S. 3 on N. faces, with 2 notches on  
E. & 4 notches on N. faces, from which,  
1 Cedar, 14 ins. dia., bears N. 40° E., 49 lks. dist,  
marked T. 21 N. R. 30 E. S. 34 1/2 S.  
1 Cedar, 12 ins. dia., bears S. 26° W., 57 lks. dist,  
marked T. 20 N. R. 30 E. S. 3 1/2 S.  
No other tree within limits, dug pit, 18 x 18  
12 ins. in Sec. 2 5 1/2 ft. dist raised mound  
of earth, 2 ft. high, 4 1/2 ft. base around post,  
Land rolling, Soil 3rd rate,  
Timber, Cedar Vegetation, bunch grass.

A very nice examination and signa-  
ments of my compass today and  
found them correct. J.C. Caffey, Comptroller, Nov 17/1882

Township

20 N.

Range

30 E.

S. & S. R. Meridian.

Chains

From cor. to Secs. 34-33-34 on N.W. of T<sup>4</sup> which is a post, 4 ins. square, with marked stone, set firmly in the ground & marked 420 N. S. 34 on N.E., R. 30 E. S. 3 on S.E., 1.19 N. S. 4 on S.W. & S. 33 on N.W. faces, with 3 notches on E. & W. edges, pits 18x18x12 ins. in each Sec. 5 1/2 ft. dist, & mound of earth, 2 ft. high, 4 1/2 ft. base around post, True North, bet. Secs. 33-34, Va. 14° 15' E.

Descend.

14.70 across Guleh slks. wide, course N. & ascend.

40.00 Set post, 3 ft. long, 3 ins. dia, with marked stone, 12 ins. in the ground for 74 Sec. Cor. marked N.S. on N. face, dug pits 18x18x12 ins. N. & S. of post, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post

80.00 Set post, 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground for cor. to Secs. 27-28-33-34 marked 420 N. S. 27 on N.E. R. 30 E. S. 34 on S.E. S. 33 on S.W. and S. 28 on N.W. faces, with 1 notch on S. and 3 notches on E. edges, dug pits 18x18x12 ins. in each Sec., 5 1/2 ft. dist, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base around post, Land mountainous, Soil 3<sup>rd</sup> rate, Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 27 and 34.

Variation

14° 15'

East.

Descend,

27.20 Cross Guleh, 8 lks. wide, course S. 17.° W. &amp; ascend,

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.58 Intersect N. & S. line, 24 lks. North of  
corner to sees. 26-27-34-35, from  
which corner, run N. 89° 50' W., on  
a true line bet. sees. 27-34.

Va. 14° 15' E.

39.79 Set post, 3 ft. long, 3 ins. dia., with  
marked stone, 12 ins. in the ground,  
for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N.  
face, dug pits, 18 x 18 x 12 ins. E. & W.  
of post,  $5\frac{1}{2}$  ft. dist., and raised  
a mound of earth,  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base around post.79.58 The cor. to sees. 27-28-33-34.  
Land mountainous. Soil 3<sup>rd</sup> rate.  
Vegetation, Bunchgrass.

Township

20 N,

Range

30 E,

G. &amp; S. R.

Meridian.

Chains

North, between Sections 27 and 28.

Variation

14° 15'

East.

Ascend gradually.

- 40.00 Set post 3 ft. long, 3 ins. dia., 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, from which,  
 A Pine, 6 ins. dia., bears N. 10° E. 20 lks. dist;  
 A Pine, 8 ins. dia., bears S. 65° W. 17 lks. dist., both of which I mark  $\frac{1}{4}$  S. B. I.
- 80.00 Set post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 21-22-27-28, marked T. 20 N. S. 22 on N. E., R. 30 E. S. 27 on S. E., S. 28 on S. W. and S. 21 on N. W. faces, with 2 notches on S. and 3 notches on E. edges from which,  
 A Pine, 8 ins. dia., bears N. 41° E., 56 lks. dist., marked T. 20 N. R. 30 E. S. 22 B. I.  
 A Pine, 10 ins. dia., bears S. 71° E. 28 lks. dist., marked T. 20 N. R. 30 E. S. 27 B. I.  
 A Pine, 4 ins. dia., bears S. 37° W. 13 lks. dist., marked T. 20 N. R. 30 E. S. 28 B. I.  
 A Cedar, 20 ins. dia., bears N. 62° W. 74 lks. dist., marked T. 20 N. R. 30 E. S. 21 B. I.
- Land rolling. Soil 3<sup>rd</sup> rate.  
 Timber, Pine and Cedar.  
 Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. & S.R.

Meridian.

Chains

East, on a random line between Sections 22 and 27.

Variation  $14^{\circ}15'$

East.

Descend gradually.

40.00

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

60.00

Cross Gulch, 1/2 m. wide, course S. 17° 15' W.

79.61

Intersect N. & S. line, 14 lks. North of cor. to secs. 22-23-26-27, from which corner, run N. 89° 54' W., on a true line bet. secs. 22-27.

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

39.81

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

79.61

The cor. to secs. 21-22-27-28, Land rolling. Soil 3<sup>rd</sup> rate. Vegetation, Bunchgrass.



Township

20 N.,

Range

30 E.,

G. & S. R.

Meridian.

Chains

North, between Sections 21 and 22.

Variation 14° 15' East.

Ascend,

39.00 Top of Ridge, bears N. 6° 9' S. W., and descend.

40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for 1/2 Sec. Cor., marked 1/4 S. on N. face, from which

A Pine, 10 ins. dia., bears N. 85° W. 36 lbs. dist.

A Pine 8 ins. dia. bears S. 37° E. 42 lbs. dist., both of which I mark 1/4 S. B. S.

51.00 Cross Wash, 4 lbs. wide, course S. W. and ascend.

72.00 Top of Spur, bears N. 6° 9' S. W. and descend.

80.00 Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 15-16-21-22, marked S. 20 N. S. 15 on N. E., R. 30 E.

S. 22 on S. E., S. 21 on S. W. and S. 1/4 on N. W. faces, with 3 notches on S. & E. edges, from which

A Cedar, 10 ins. dia., bears N. 37° E. 42 lbs. dist., marked S. 20 N. R. 30 E. S. 15 B. S.

A Pine 8 ins. dia., bears S. 69° E. 57 lbs. dist., marked S. 20 N. R. 30 E. S. 22 B. S.

A Cedar, 20 ins. dia., bears S. 36° W. 21 lbs. dist., marked S. 20 N. R. 30 E. S. 21 B. S.

A Cedar, 16 ins. dia., bears N. 22° W. 17 lbs. dist., marked S. 20 N. R. 30 E. S. 17 B. S.

Land vegetation, bunch grass. Soil 2nd rate. Timber, Pine & Cedar.

Township

20 N,

Range

30 E;

28

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 15 and 22.

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

Descend gradually,

40.00

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

60.00

Center timber, bears N. &amp; S.

80.18

Intersect N. & S. line, 26 lks. North  
of cor. to secs. 14-15-22-23, from which  
corner, run  $N. 89^{\circ}49' W.$ , on a true  
line bet. secs. 15-22.Va.  $14^{\circ}15' E.$ 

40.09

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

80.18

The cor. to secs. 15-16-21-22.

Land rolling.

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

Timber, Pine and Cedar.

Vegetation, Bunchgrass.

Township

20 N.,

Range

30 E.,

Meridian.

Chains

North, between Sections 15 and 16.

Variation

14° 15'

East.

Descend.

- 8.00 Cross Wash, 4 lks. wide, Course S.W. Ascend,  
 36.00 Top of Ridge, bears N.E. & S.W. & descend,  
 40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
 the ground, for 1/4 Sec. Co., marked 1/4 S. on  
 N face, from which  
 A Pine, 4 ins. dia., bears N. 56° E., 42 lks. dist.  
 A Pine, 6 ins. dia., bears S. 35° W., 7 lks. dist.,  
 both of which I make 1/4 S. B. J.,
- 51.65 Cross Wash, 6 lks. wide, Course S.W. Ascend.  
 80.00 Set post, 4 ft. long, 4 ins. square, 24 ins.  
 in the ground, for Co. 10 Secs. 9-10-15-16,  
 marked S. 20 N. S. 10 on N.E., R. 30 E. S. 15  
 on S.E., S. 16 on S.W. & S. 9 on N.W. faces,  
 with 4 notches on S. and 3 notches  
 on E. edges, from which  
 A Pine, 6 ins. dia., bears N. 51° E., 7 lks. dist.,  
 marked S. 20 N. R. 30 E. S. 10 B. J.,  
 A Pine, 4 ins. dia., bears S. 69° E., 25 lks. dist.,  
 marked S. 20 N. R. 30 E. S. 15 B. J.,  
 A Cedar, 22 ins. dia., bears S. 40° W., 9 lks. dist.,  
 marked S. 20 N. R. 30 E. S. 16 B. J.,  
 A Pine, 6 ins. dia., bears N. 74° W., 37 lks. dist.,  
 marked S. 20 N. R. 30 E. S. 9 B. J.
- Land mountainous. Soil 3<sup>rd</sup> rate.  
 Timber, Pine and Cedar.  
 Vegetation, Bunchgrass.

Chains

East, on a random line between Sections 10 and 15.

Variation

14° 15'

East.

Descend gradually.

40.00

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

From this point Chavez' House, bears

S. 6° 10' E. 14.95 cho. dist. and a

Spring bears S. 6° 5' E., 16.18 cho. dist.

79.83

Intersect N. &amp; S. line, 14 lks. North

of cor. to secs. 10-11-14-15, from

which corner, run N. 89° 54' W.

on a true line bet. secs. 10-15,

Va. 14° 15' E.

39.92

Set post, 3 ft. long, 3 ins. dia., 24 ins.

in the ground, at  $\frac{1}{4}$  Sec. Cor.,marked  $\frac{1}{4}$  S. on N. face, from which

A Cedar, 10 ins. dia., bears S. 64° E., 28 lks.

dist., marked  $\frac{1}{4}$  S. P. I.

A Cedar, 12 ins. dia., bears N. 80° W.

50 lks. dist., marked  $\frac{1}{4}$  S. P. I.

79.83

The cor. to secs. 9-10-15-16,

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

Timber, Cedar.

Vegetation, Bunchgrass.

Township

20 N.,

Range

30 E.,

G. &amp; S. R. Meridian.

Chains

North, between Sections 9 and 10.

Variation

14° 15'

East.

Ascend

- 6.20 Bank of Mesa, bears E. & W. and descend abruptly.
- 40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, from which, A Cedar, 20 ins. dia., bears West 51 lbs. dist., marked  $\frac{1}{4}$  S. P. S., A Cedar, 18 ins. dia., bears S. 76° E., 37 lbs. dist., marked  $\frac{1}{4}$  S. P. S.,
- 80.00 Set post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 3-4-9-10, marked T. 20 N. S. 3 on N. E., R. 30 E. S. 10 on S. E., S. 9 on S. W. and S. 4 on N. W. faces, with 5 notches on S. and 3 notches on E. edges, dug pits, 18 x 18 x 12 ins. in each Sec. 3 ft. dist., and raised a mound of earth, 2 ft. high, 4 ft. base around post.
- Land mountainous,  
Soil 3<sup>rd</sup> rate.  
Timber, Pine and Cedar,  
Vegetation, Bunchgrass.

Township

20 N.,

Range

30 E.,

G. &amp; S. R., Meridian.

Chains

East, on a random line between Sections 3 and 10.

Variation

14°15'

East.

Ascend gradually.

40.00

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

80.14

Intersect N. & S. line, 29 lks. South  
of cor. to secs. 2-3-10-11, from which  
corner, run S. 89°48' W., on a true  
line bet. secs. 3-10.

Va. 14°15' E.

40.07

Set post, 3 ft. long, 3 ins. dia., 24 ins.  
in the ground, for  $\frac{1}{4}$  Sec. Cor., mark a  
 $\frac{1}{4}$  S. on N. face,

from which

A cedar, 16 ins. dia., bears N. 35° W., 72 lks.  
dist, marked  $\frac{1}{4}$  S. B. T.A cedar, 18 ins. dia., bears S. 72° E., 18 lks.  
dist, marked  $\frac{1}{4}$  S. B. T.

80.14

The cor. to secs. 3-4-9-10.

Land rolling.

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

Timber, cedar.

Vegetation, Bunchgrass.

Township

20 N.,

Range

30 E.,

G. & S. R. Meridian.

Chains

North, on a <sup>true</sup> random line between Sections 3 and 4.

Variation 14° 15' East.

Descend gradually.

40.00 Set post, 34. long, 3 ins. dia., 24 ins.,  
in the ground, for 1/4 Sec. Co., marked  
1/4 S. on N. face, from which  
A Pine, 6 ins. dia., bears N. 87° E., 15 lks. dist.  
A Pine, 10 ins. dia., bears S. 21° W., 36 lks. dist.,  
both of which, I mark 1/4 S. B. L.

46.00 Cross Depression, bears N. 70° W. & S. 70° E.  
and ascend.

82.71 Intersect 5/8" Standard Parallel N.  
9.46 chs. West of Standard cor. to Secs.  
33-34 of T. 21 N. R. 30 E. <sup>recently established by me</sup> and

Set post, 44. long, 4 ins. square, 24 ins.,  
in the ground, for Closing cor. to Secs.  
3-4, marked T. 20 N. R. 30 E., on S. L. 3  
on E. and S. 4 on N. faces, with 3  
notches on E. & W. edges, from which  
A Pine, 8 ins. dia., bears N. 27° E., 4 1/2 lks.,  
dist., marked T. 21 N. R. 30 E. S. 33 B. L.  
A Cedar, 18 ins. dia., bears S. 29° E., 17 lks.,  
dist., marked T. 20 N. R. 30 E. S. 3 B. L.  
A Cedar, 26 ins. dia., bears S. 11° W., 4 1/2 lks.,  
dist., marked T. 20 N. R. 30 E. S. 4 B. L.  
Land rolling. Soil 3<sup>rd</sup> rate  
Timber, Pine & Cedar. Vegetation, bunchgrass.

Carefully examined the adj. pt. of my boundary today found them correct.  
 W. R. Fitzgerald, Nov. 18, 1882.

Township

20 N.

Range

30 E.

G. & S.R.

Meridian.

Chains

From cor. to sec. 5-4-32-33 on S. R. which is a post, 4ft. long, 4ins. square, with marked stone. Set firmly in the ground, and marked S. 20 N. S. 33 on N.E., R. 30 E. S. 40 N S. E. S. 19 N. S. 50 N S. W. and S. 32 on N. W. faces with 4 notches on E. & 2 notches on W. edges, pits, 18x18x12 ins. in each Sec. 5 1/2 ft. dist. and mound of earth 2 1/2 ft. high, 4 1/2 ft. base around post, Run North, bet. secs. 32-33. T. 19 58.

40.00

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

62.00

Top of Spur bears N. 60° W. & S. 60° E. & descend.

80.00

Set post, 4ft. long, 4ins. square, 24ins. in the ground, for Cor. to Sec. 28-29-32-33, marked S. 20 N. S. 28 on N.E., R. 30 E. S. 33 on S.E., S. 32 on S. W. and S. 29 on N. W. faces, with 1 notch on S. and 4 notches on E. edges, from which  
 1 Cedar, 20 ins. dia., bears N. 17° E. 8 1/2 lbs. dirt, marked S. 20 N. R. 30 E. S. 38 39  
 1 Cedar, 16 ins. dia., bears S. 51° E. 5 1/2 lbs. dirt, marked S. 20 N. R. 30 E. S. 33 34  
 1 Cedar, 30 ins. dia., bears S. 48° W. 5 1/2 lbs. dirt, marked S. 20 N. R. 30 E. S. 32 33  
 1 Cedar, 24 ins. dia., bears N. 67° W. 15 lbs. dirt, marked S. 20 N. R. 30 E. S. 29 33  
 Land mountainous, Soil 3 1/2 in. rate.

Timber, Cedar  
 Vegetation, Bunchgrass



35 Township 20 N., Range 30 E.,  
G. & S. R., Meridian.

Chains East, on a random line between Sections 28 and 33.  
Variation 14° 15' East.

Ascend.

- 35.00 Top of Spur, bears N.W. & S.E. & descends.
- 40.00 Set temporary 1/4 sec. cor
- 65.50 Leave timber, bears N.E. & S.W.
- 79.75 Intersect N. & S. line, 27 lks. South of cor. to sees. 27-28-33-34, from which corner, true S. 89° 45' W., on a true line bet. sees. 28-33. Va. 14° 15' E.
- 39.88 Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, from which 1 Cedar, 20 ins. dia., bears N.E. 40 lks. dist., marked 1/4 S. B. I.
- 1 Cedar, 14 ins. dia., bears S. 24 E., 21 lks. dist., marked 1/4 S. B. I.
- 79.75 The cor. to sees. 28-29-32-33, land mountainous, Soil 3<sup>rd</sup> gate, Timber, Pine and cedar, Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. & S. R.

Meridian.

Chains

North, between Sections 28 and 29.

Variation

14° 15'

East.

Descend

3.00

cross Wash, 4 lks. wide, course S. 70° E. and ascend.

27.00

Top of Ridge, bears N. 70° W. & S. 70° E. and descend.

40.00

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

A Cedar, 14 ins. dia., bears S. 28° E., 138 lks. dist.

A Cedar, 20 ins. dia., bears N. 15° W., 170 lks. dist., both of which I mark 1/4 S. P. T.

56.00

cross Wash, 4 lks. wide, course E. & ascend.

74.30

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

86.00

Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 20-21-28-29, marked 1/2 on N. S. 21 on N. E. R. 30 E. S. 28 on S. E. S. 29 on S. W. & S. 20 on N. W. faces, with 2 notches on S. and 4 notches on E. edges, from which

A Cedar, 20 ins. dia., bears N. 42° E., 65 lks. dist., marked 1/2 on N. R. 30 E. S. 21 P. T.

A Pine, 4 ins. dia., bears S. 72° E., 44 lks. dist., marked 1/2 on N. R. 30 E. S. 28 P. T.

A Pine, 12 ins. dia., bears S. 22° W., 19 lks. dist., marked 1/2 on N. R. 30 E. S. 29 P. T.

A Cedar, 20 ins. dia., bears N. 30° W., 97 lks. dist., marked 1/2 on N. R. 30 E. S. 20 P. T.

Sand, manzanitas,  
 1/2 Sec 30, pine,  
 Juniper, Pine & Cedar,  
 Agrostis, Bunchgrass,

Township

20 N.,

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 21 and 28.

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

Descend gradually.

40.00 Set temporary  $\frac{1}{4}$  Sec. Co.46.50 Cross track, 5 lks. wide, course  $S.30^{\circ}E.$ 

and ascend.

80.11 Intersect N. & S. line, 19 lks. S. of cor.  
to secs. 21-22-27-28 from which  
corner run  $S.59^{\circ}52'N.$ , on a  
true line bet. secs. 21-28,  
Ra.  $14^{\circ}15'E.$ 40.06 Set post, 3 ft. long, 3 in. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Co., marked  
 $\frac{1}{4}S.$  on N. face,

from which

A Cedar, 16 in. dia., bears  $N.29^{\circ}E.$ , 5 lks.  
dist, marked  $\frac{1}{4}S.P.S.$ A Cedar, 18 in. dia., bears  $S.65^{\circ}N.$ , 8 lks.  
dist, marked  $\frac{1}{4}S.P.S.$ 80.11 The cr. to secs. 20-21-28-29,  
Land rolling. Soil 2<sup>nd</sup> rate.  
Timber, Cedar.  
Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. & S. R. Meridian.

Chains

North, between Sections 20 and 21.

Variation

14° 15' East.

- Descend gradually.
- 24.00 across Wash, 3 lks. wide, Course S. 70° E., and ascend.
- 40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for Sec. Cor. marked 1/4 S. on N. face, from which  
 A Cedar, 18 ins. dia., bears S. 36° E., 8 1/2 lks. dist.  
 A Cedar, 10 ins. dia., bears N. N. 63 lks. dist., both of which I mark 1/4 S. B. L.
- 80.00 Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. 1/4 Secs. 16 + 7 + 20 + 21, marked 1/20 N. S. 16 on N. E., R. 30 E. S. 21 on S. E., S. 20 on S. W. & S. 17 on N. W. faces, with 3 notches on S. & 4 notches on E. edges, from which  
 A Cedar, 18 ins. dia., bears N. 27° E., 7 1/2 lks. dist., marked 1/20 N. R. 30 E. S. 16 B. L.  
 A Pine, 12 ins. dia., bears S. 76° E., 10 1/2 lks. dist., marked 1/20 N. R. 30 E. S. 21 B. L.  
 A Pine, 11 ins. dia., bears S. 31° W., 9 7/8 lks. dist., marked 1/20 N. R. 30 E. S. 20 B. L.  
 A Cedar, 20 ins. dia., bears N. 14° W., 3 1/2 lks. dist., marked 1/20 N. R. 30 E. S. 17 B. L.  
 Land rolling. Soil 2<sup>nd</sup> rate.  
 Timber, Pine & Cedar. Vegetation, Juniper.

Township

20 N.,

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 16 and 21.

Variation

14° 15'

East.

Descend gradually.

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

71.00 Cross Wash, 4 lks. wide, Course S. W.

79.89 Intersect N. &amp; S. line, 4 lks. South

of cor. to secs. 15-16-21-22, from  
which corner, run S. 54° 42' W.,  
on a true line bet. secs. 16-21,  
Va. 14° 15' E.39.95 Set post, 3 ft. long, 3 in. dia., 24 in.,  
in the ground, for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  S. on N. face, from which  
A Cedar, 14 in. dia., bears S. 10° E., 8 lks.  
dist., marked  $\frac{1}{4}$  S. B. T.A Cedar, 18 in. dia., bears N. W., 37 lks.  
dist., marked  $\frac{1}{4}$  S. B. T.

79.89 The cor. to secs. 16-17-20-21.

Lana rolling.

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

Timber, Pine and cedar.

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 15'

East.

Descend

35.00

across Depression, bears E. &amp; W. of ascend,

40.00

Set post, 3 ft. long, 3 ins. dia, 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cor, marked  
 $\frac{1}{2}$  S. on W. face, from which

A Cedar, 14 ins. dia, bears N. 40° E., 29 lks. dist.

A Cedar, 18 ins. dia, bears S. 13° E., 57 lks. dist.,

both of which I mark  $\frac{1}{4}$  S. B. T.

50.00

Set post, 4 ft. long, 4 ins. square, 24 ins.  
in the ground, for Cor. to Secs. 8-9-16-17,  
marked T. 20 N. S. 9 on N. E., R. 30 E. S. 16  
on S. E., S. 17 on S. W. and S. 8 on N. W. faces,  
with 4 notches on S. & E. edges,

from which,

A Pine 8 ins. dia, bears N. 10° E., 41 lks. dist.,  
marked T. 20 N. R. 30 E. S. 9 B. T.A Cedar, 24 ins. dia, bears S. 25° E., 15 lks. dist.,  
marked T. 20 N. R. 30 E. S. 16 B. T.A Pine, 10 ins. dia, bears S. 52° W., 38 lks.  
dist, marked T. 20 N. R. 30 E. S. 17 B. T.A Pine 6 ins. dia, bears N. 81° W., 13 lks. dist.,  
marked T. 20 N. R. 30 E. S. 8 B. T.Land rolling. Soil 3<sup>rd</sup> rate,

Timber, Pine Cedar. Vegetation, Bunchgrass

Township

20 N.,

Range

30 E.,

G. V. S. R., Meridian.

Chains

East, on a random line between Sections 9 and 16.

Variation

141° 15'

East.

Descend gradually.

40.00 Set temporary Rec. cor.  
 79.94 Intersect N. & S. line 13 lks. North of  
 cor. to Secs. 9-10-15-16, from which  
 corner, run N. 89° 54' W., on a true  
 line bet. Secs. 9-16.

N. 14° 15' E.

39.97 Set post, 3 ft. long, 3 ins. dia., 24 ins.  
 in the ground, for Sec. Co.,  
 marked  $\frac{1}{2}$  S. on N. face,

from which  
 a Pine 10 ins. dia., bears S. 49° E., 5 lks.  
 dist., marked  $\frac{1}{2}$  S. B. I.

A Cedar, 10 ins. dia., bears N. 36° W., 9 lks.  
 dist., marked  $\frac{1}{2}$  S. B. I.

79.94 The cor. to Secs. 8-9-16-17  
 Sand rolling. Soil 2<sup>nd</sup> rate,  
 Timber Pine and Cedar,  
 Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R., Meridian.

Chains

North, between Sections 8 and 9.

Variation

14° 15'

East.

Ascend gradually.

140.00

Set post, 3 ft. long, 3 in. dia., 24 in. in the ground, for  $\frac{1}{4}$  Sec. Cor, marked  $\frac{1}{4}$  S. on N. face, from which  
 A Cedar, 22 in. dia., bears S. 48° E., 49 lks. dist, marked  $\frac{1}{4}$  S. P. J.

A Cedar, 16 in. dia., bears N. 71° W., 38 lks. dist, marked  $\frac{1}{4}$  S. P. J.

80.00

Set post, 4 ft. long, 4 in. square, 24 in. in the ground, for Cor. to Secs. 45 & 9, marked T. 20 N., S. 4 in N. E., R. 30 E. S. 9 on S. E. S. 5 on S. W. & S. 5 on N. W. faces, with 5 notches on S. and 4 notches on E. edges, from which

A Pine 16 in. dia., bears N. 25° E., 27 lks. dist, marked T. 20 N., R. 30 E., S. 4 P. J.

A Cedar, 20 in. dia., bears S. 57° E., 32 lks. dist, marked T. 20 N., R. 30 E., S. 9 P. J.

A Pine, 8 in. dia., bears S. 19° W., 6 lks. dist, marked T. 20 N., R. 30 E., S. 8 P. J.

A Cedar, 18 in. dia., bears N. 16° W., 5 lks. dist, marked T. 20 N., R. 30 E., S. 5 P. J.

Land rolling. Soil 3<sup>rd</sup> rate,  
 Timber, Pine & Cedar. Vegetation, bunchgrass.



Township

20 N,

BOOK 375

Range

30 E,

G. &amp; S. R.

Meridian.

Chains

East, on a random line between Sections 4 and 9.

Variation

114° 15'

East.

Descend gradually,

40.00

Set temporary  $\frac{1}{2}$  Sec. cor.

50.10

Intersect N. 4 S. line, 17 lks. N. of  
cor. to secs. 3-4-9-10, from which  
corner, run N. 89° 53' W, on a  
true line bet. secs. 4-9,

Va. 14° 15' E.

40.05

Set post, 3 ft. long, 3 in. dia., 24 ins. in  
the ground, for  $\frac{1}{2}$  Sec. Cor, marked  
 $\frac{1}{2}$  S. on N. face,

from which,

A Cedar, 24 ins. dia., bears N. 20° E., 5 lks.  
dist., marked  $\frac{1}{4}$  S. B. I.A Pine, 22 ins. dia., bears S. 67° W, 17 lks.  
dist., marked  $\frac{1}{4}$  S. B. I.

50.10

The cor. to secs. 4-5-8-9,

Land rolling.

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

Timber, Pine and Cedar.

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. & S. R.

Meridian.

Chains

North, on a <sup>True</sup> random line between Sections 4 and 5.

Variation

14° 15'

East.

Ascend gradually.

40.00

Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for Sec. cor., marked  $\frac{1}{4}$  S. on N. face, from which  
 A Pine, 20 ins. dia., bears N. E., 87 lks. dist., marked  $\frac{1}{4}$  S. P. T.  
 A Pine, 20 ins. dia., bears S. 41° W., 35 lks. dist., marked  $\frac{1}{4}$  S. P. T.

Intersect 5<sup>th</sup> Standard Parallel North

9.29 chs. West of Standard cor. to Secs.

32-33 of T. 20 N. R. 30 E. and

Set post, 4 ft. long, 4 ins. square, 4 ins. in the ground, for Closing Cor. to Secs.

4-5, marked C. C. T. 20 N. R. 30 E. on S.

S. 4 on E. & S. 5 on N. faces, with 2

notches on N. and 4 notches on E. faces,

from which

A Cedar, 24 ins. dia., bears S. 73° E., 94 lks. dist.,

marked T. 20 N. R. 30 E. S. 4 P. T.

A Cedar, 18 ins. dia., bears S. 57° W., 107 lks. dist.,

marked T. 20 N. R. 30 E. S. 5 P. T.

No other trees within limits, dug pit

18 x 18 x 12 ins. Set post 5 ft. dist. marked

each md. 2 ft. high, 4 ft. base around post. Sand rolling. Soil 3<sup>rd</sup> class. Timber, Pine & Cedar. Vegetation, Bunchgrass.

Carefully examined the adjacent  
 of my compass today and found them  
 correct.  
 J. C. Capp, Comptroller, Nov. 18, 1882.

Township

20 N.

Range

30 E.

S. & S. R.

Meridian.

Chains

From cor. to reco. 5-6-31-32 on S. P. of Sp-  
 which is a post, 4 ins. square, with  
~~marked stone~~, set firmly in the ground,  
 and marked S. 20 N. S. 32 on N. E.  
 R. 30 E. S. 5 on S. E. S. 19 N. S. 6 on S. W.  
 and S. 31 on N. W. faces with 5 notches  
 on E. and 1 notch on W. edges, pits  
 18x18x12 ins. in each Sec. 5 1/2 ft. dist;  
 and mound of earth 2 ft. high,  
 4 ft. base around post, Prin  
 North, bet. rees. 31-32. Va. 14° 15' E.  
 Ascend gradually.

40.00

Set Sandstone 46x14x14 ins., 11 ins.  
 in the ground, for Sec. Cor, marked  
 S. on W. face, and raised a mound  
 of stone alongside. Pits impracticable.

80.00

Set Sandstone, 14x10x5 ins., 9 ins. in  
 the ground, for Cor. to Secs. 29-30-31-32,  
 marked with notch on S. & 5 notches  
 on E. edges, from which,

A Cedar, 22 ins. dia, bears S. 56° E. 19 lbs,  
 dist, marked S. 20 N. R. 30 E. S. 32 B. S.

A Cedar, 22 ins. dia, bears S. 78° W. 24 lbs,  
 dist, marked S. 20 N. R. 30 E. S. 31 B. S.

A Cedar, 16 ins. dia, bears N. 49° W. 37 lbs,  
 dist, marked S. 20 N. R. 30 E. S. 30 B. S.

No other tree within limits, dug pit  
 18x18x12 ins. in Sec. 29 5 1/2 ft. dist,  
 & raised a mound of earth 2 ft.  
 high, 4 ft. base alongside. Timber  
 Sand rolling soil, 3rd hill. Timber  
 Cedar, 14 ft. station, Bunchgrass,

Township

20 N.

Range

31 E.

46

G. &amp; S. R.

Meridian.

Chains

East, on a random line between Sections 29 and 32.

Variation

14° 15'

East.

Descend,

20.20

Cross wash, 4 lks. wide, course S. Wacoma.

28.00

Top of Spur, bears N. &amp; S. &amp; descend,

40.00

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

80.09

Intersect N. &amp; S. line, 16 lks. South of cor. to sees. 28-29-32-33, from which corner, run S. 89° 53' W., on a true line bet. sees. 29-32,

Va. 14° 15' E.

40.05

Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face,

from which

A Cedar, 18 ins. dia., bears N. 10° W., 42 lks. dist., marked  $\frac{1}{4}$  S. P. & J.A Pine, 10 ins. dia., bears S. 7° E., 81 lks. dist., marked  $\frac{1}{4}$  S. P. & J.

80.09

The cor. to sees. 29-30-31-32.

Land mountainous. Soil 3<sup>rd</sup> rate, Timber, Pine and Cedar.

Vegetation Bunchgrass.

W. R. Fitzgerald, Nov. 20, 1882.

Township

20 N.

Range

30 E.

G. & N. Meridian.

Chains

West, on a random line between Sections 30 and 31.

Variation 14° 15' East.

Descend gradually.

40.00 Set temporary 1/4 Sec. Co.

78.44 Intersect W. B. of Tp, 9 lks. South of cor. to ees. 25-30-31-36, which is a post 4 in. square marked S. 20 N. S. 31 on N.E., R. 30 E. S. 31 on S.E., R. 29 E. S. 36 on S. W. & S. 25 on N. W. faces, with notch on S. and 5 notches on N. edges, from which

A Cedar, 26 ins. dia, bears N. 10° E, 98 lks. dist, marked S. 20 N. R. 30 E. S. 31 on N.E.

A Cedar, 22 ins. dia, bears S. 71° E, 117 lks. dist, marked S. 20 N. R. 30 E. S. 31 on N.E.

A Cedar, 18 ins. dia, bears S. 12° W, 233 lks. dist, marked S. 20 N. R. 29 E. S. 36 on S.W.

Pit 18 x 18 x 12 ins. in Sec. 25, 5 1/2 ft. dist with earth mtd. 2 ft. high, 4 1/2 ft. base around post. From this corner, run S. 59° 56' E, on a true line bet. ees. 30-31, 14° 15' E.

38.44 Set post, 3 ft. long 3 in. dia, 24 ins. in the ground, for 1/4 Sec. Co., marked N. on W. face, from which

A Cedar, 16 ins. dia, bears S. 55° E, 23 lks. dist, marked N. S. B. S.

A Cedar, 20 ins. dia, bears N. 21° W, 44 lks. dist, marked N. S. B. S.

78.44 The cor. to ees. 29-30-31-32, land rolling. Soil 3 in. deep. Timber, Cedar, Vegetation, bunchgrass.

S.E. Cayle, Campbassman, 1882, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000.

Township

20 N,

Range

30 E,

G. & S. R. Meridian.

Chains

North, between Sections 29 and 30.

Variation

14° 15'

East.

Ascend gradually,

40.00

Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for 1/4 Sec. Co., marked 1/4 S. on W. face,

from which

A Cedar, 20 ins. dia., bears S. 53° E., 25 lks. dist., marked 1/4 S. P. I.

A Cedar 20 ins. dia., bears N. 86° W., 32 lks. dist., marked 1/4 S. P. I.

80.00

Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. 10 Secs. 19-20-29-30, marked T. 20 N. S. 20 on N.E., R. 30 E. S. 29 on S.E., S. 30 on S.W. and S. 19 on N.W. faces, with 2 notches on S. & 5 notches on E. edges,

from which

A Cedar, 14 ins. dia., bears N. 17° E., 19 lks. dist., marked T. 20 N. R. 30 E. S. 20 P. I.

A Cedar, 14 ins. dia., bears S. 35° E., 57 lks. dist., marked T. 20 N. R. 30 E. S. 29 P. I.

A Cedar, 24 ins. dia., bears S. 72° W., 103 lks. dist., marked T. 20 N. R. 30 E. S. 30 P. I.

A Cedar, 16 ins. dia., bears N. 10° W., 26 lks. dist., marked T. 20 N. R. 30 E. S. 19 P. I.

Land rolling.

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

Timber Cedar.

Vegetation, Bunchgrass.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 20 and 29.

Variation

14° 15'

East.

Ascend gradually;

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.94 Intersect N. & S. line, 13 lks. North  
 of cor. to secs. 20-21-28-29 from  
 which corner. Run N. 89° 54' W.,  
 on a true line bet. secs. 20-29.  
 to a 14° 15' E.

39.97 Set post, 3 ft. long, 3 ins. dia., 24 ins.  
 in the ground for  $\frac{1}{4}$  Sec. Cor.,  
 marked  $\frac{1}{4}$  S. on N. face,

from which,  
 A Cedar, 12 ins. dia., bears S. 35° E., 29 lks.  
 dist., marked  $\frac{1}{4}$  S. P. T.

A Cedar, 16 ins. dia., bears N. 67° W., 4 lks.  
 dist., marked  $\frac{1}{4}$  S. P. T.

79.94 The cor. to secs. 19-20-29-30,  
 land rolling. Soil 3<sup>rd</sup> rate.  
 Timber Cedar  
 Vegetation Bunchgrass.  
 W. R. Fitzgerald, Nov. 20, 1882.

Township

20 N.

Range

30 E.

G. & R. Meridian.

Chains

West, on a random line between Sections 19 and 30.

Variation 14° 15' East.

Descend gradually.

40.00

Set temporary 1/4 sec. cor.

78.54

Intersect N.E. of Sp., 26 lks North of cor. to sees. 19-24-25-30, which is a post, 4 ins. square, marked T. 20 N. S. 14 on N.E., R. 30 E. S. 30 on S.E., R. 29 E. S. 25 on S.W. and S. 24 on N.W. faces, with 2 notches on S. and 4 notches on N. edges, from which

+ Pine, 4 ins. dia, bears N. 35° E., 15 lks, dist. marked T. 20 N. R. 30 E. S. 19 B. J.

+ Cedar, 20 ins. dia, bears S. 44° E., 8 1/2 lks, dist. marked T. 20 N. R. 30 E. S. 30 B. J.

+ Cedar, 14 ins. dia, bears S. 28° W., 57 lks, dist. marked T. 20 N. R. 29 E. S. 25 B. J.

+ Pine, 8 ins. dia, bears N. 52° W., 7 1/2 lks, dist. marked T. 20 N. R. 29 E. S. 24 B. J.

From this corner, run N. 89° 49' E., on a true line bet. sees. 19-30,

38.54 Set post, 3 ft. long, 3 ins. dia., 2 1/2 ins. in the ground, for 1/4 Sec. cor., marked 1/4 S. on N. face, from which

+ Cedar, 20 ins. dia, bears N. 21° E., 37 lks, dist. marked 1/4 S. B. J.

+ Cedar, 18 ins. dia, bears S. 76° W., 19 lks, dist. marked 1/4 S. B. J.

78.54 The cor. to sees. 19-20-29-30, found rolling. Soil 3 1/2 ft. gate. Timber, Cedar. Vegetation, Panchgrass.

D.C. (copy) Nov. 20, 1882



Township

20 N.,

Range

30 E.,

Meridian.

Chains

North, between Sections 19 and 20.

Variation

14° 15'

East.

Ascend.

38.00 Top of Mesa, bears N.W. & S.E.  
and descend.

40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins.  
in the ground, for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on W. face, from which  
A Cedar, 12 ins. dia., bears N. 87° E., 19 lks. dist  
A Cedar, 14 ins. dia., bears S. W., 45 lks. dist,  
both of which mark  $\frac{1}{4}$  S. P. T.

80.00 Set post, 4 ft. long, 4 ins. square, 24 ins.  
in the ground, for Cor. to Secs. 17-18-19-20,  
marked T. 20 N. S. 17 on N.E., R. 30 E.  
S. 20 on S.E., S. 19 on S.W. and S. 18 on  
N.W. faces, with 3 notches on S. and  
5 notches on E. edges, from which  
A Cedar, 20 ins. dia., bears N.E., 17 lks. dist,  
marked T. 20 N. R. 30 E. S. 17 P. T.  
A Cedar, 10 ins. dia., bears S. 10° E., 50 lks.  
dist, marked T. 20 N. R. 30 E. S. 20 P. T.  
A Cedar, 16 ins. dia., bears S. 38° W., 6 lks.  
dist, marked T. 20 N. R. 30 E. S. 19 P. T.  
A Cedar, 20 ins. dia., bears N. 63° W., 9 lks.  
dist, marked T. 20 N. R. 30 E. S. 18 P. T.  
Land mountainous. Soil 3<sup>rd</sup> date.

Township

20 N,

Range

30 E,

G. &amp; S. R.,

Meridian.

Chains

East, on a random line between Sections 17 and 20.

Variation

14° 15'

East.

Ascend gradually.

40.00

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

So. 26

Intersect N. & S. line 15 lks S. of cor. to  
secs. 16-17-20-21, from which corner,  
run, S. 89° 54' W, on a true line  
bet. secs. 17-20.

Va. 14° 15' E.

40.13

Set post, 3 ft. long, 3 in. dia., 24 in. in  
the ground, for  $\frac{1}{4}$  Sec. Cor, marked  
 $\frac{1}{4}$  S on N face, from which  
A Pine, 4 in. dia., bears S. 38° E, 52 lks.  
dist, marked  $\frac{1}{4}$  S. P. V.  
A Pine 6 in. dia., bears N. 11° W, 15 lks.  
dist, marked  $\frac{1}{4}$  S. P. V.

So. 26

The cor. to secs. 17-18-19-20.

Sand rolling.

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

Timber, Pine and cedar,

Vegetation Bunchgrass.

W. R. Fitzgerald, Nov. 20, 1882.

Township

20 N.

Range

30 E.

G. & S. R. Meridian.

Chains

West, on a random line between Sections 18 and 19.

Variation

14° 15'

East.

Descend gradually.

40.00

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

78.38

Intersect N. B. & Sp., 7 lks. South of cor. to secs. 13-18-19-24, which is a post, 4 ins. square, marked T. 20 N. S. 18 on N.E., R. 30 E. S. 19 on S.E., R. 29 E. S. 24 on S.W. and S. 13 on N.W. faces, with 3 notches on S. & W. sides, from which a Cedar, 18 ins. dia., bears N. 27° E., 19 lks. dist, marked T. 20 N. R. 30 E. S. 18 B. & S. Pits, 18 x 18 x 12 ins. in Secs. 13-24-19, 5  $\frac{1}{2}$  ft. dia., and mound of earth, 4 ft. high, 4  $\frac{1}{2}$  ft. base around post.

From this corner, run S. 89° 57' E., on a true line bet. secs. 18-19. Va. 14° 15' E.

S. C. Capp, Cayuga Co. N.Y.  
 Mar. 24, 1882  
 78.38

Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, from which a Pine, 10 ins. dia., bears N. 23° E., 8 lks. dist, marked  $\frac{1}{4}$  S. B. & S.

A Cedar, 18 ins. dia., bears S. 71° W., 42 lks. dist, marked  $\frac{1}{4}$  S. B. & S.

The cor. to secs. 17-18-19-20.

Soil, Sand rolling, Pine & Cedar. Vegetation, 3rd rate, Blunt grass.

Township

20 N.

Range

30 E.

T. 9 S. R.

Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 15'

East.

Dawson gradually,

40.00

Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Co., marked 'D' on N. face, from which  
 A Pine 4 ins. dia., bears S. 66° E., 9 lks. dist., marked  $\frac{1}{4}$  S. B. V.

A Pine, 12 ins. dia., bears N. 48° W., 35 lks. dist., marked  $\frac{1}{4}$  S. B. V.

80.00

Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Co. to Secs. 7-8-17-18, marked T. 20 N. S. 8 on N. E., R. 30 E. S. 17 on S. E., S. 18 on S. W. and S. 7 on N. W. faces, with 4 notches on S. and 5 notches on E. edges,

from which

A Cedar, 24 ins. dia., bears N. 9° E., 87 lks. dist., marked T. 20 N. R. 30 E. S. 8 B. V.

A Pine, 6 ins. dia., bears S. 44° E., 11 lks. dist., marked T. 20 N. R. 30 E. S. 17 B. V.

A Pine, 8 ins. dia., bears S. 73° W., 54 lks. dist., marked T. 20 N. R. 30 E. S. 18 B. V.

A Cedar, 20 ins. dia., bears N. 69° W., 30 lks. dist., marked T. 20 N. R. 30 E. S. 7 B. V.

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

Timber Pine & Cedar. Vegetation Birch grass

Township

20 N.,

Range

30 E.

G. &amp; S. R.

Meridian.

Chains

East, on a random line between Sections 8 and 17.

Variation

14° 15'

East.

Ascend gradually.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.79.84 Intersect N. & S. line, 8 lks. South  
of cor. to sees. 8-9-16-17, from which  
Copper, run S. 89° 57' W., on a true  
line bet. sees. 8-17.

Va. 14° 15' E.

39.92 Set post, 3 ft. long, 3 ins. dia., 24 ins.,  
in the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  S. on N. face

from which

A Pine 6 ins. dia., bears S. 57° E., 35 lks.  
dist., marked  $\frac{1}{4}$  S. P. C.A Pine 4 ins. dia., bears N. 33° W., 26 lks.  
dist., marked  $\frac{1}{4}$  S. P. C.

79.84 The cor. to sees. 7-8-17-18,

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

Timber, Pine and cedar.

Vegetation, Punchgrass.

W. R. Fitzgerald, Nov. 20, 1882.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

West, on a random line between Sections 7 and 18.

Variation

14° 15'

East.

- Descend gradually.
- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.
- 78.27 Intersect N. P. of Sp., 28 lks. South  
of cor. to secs. 7-12-13-18, which is  
a post, 4 ins. square, with ~~marked stone~~  
set firmly in the ground and marked  
7.20 N. S. 7 on N. E. R. 30 E. S. 18 on S. E.  
R. 29 E. S. 13 on S. W. and S. 12 on N. W.  
faces, with 2 notches on N. & 4 notches  
on S. edges, pits, 18 x 18 x 12 ins. in each  
Sec.,  $5\frac{1}{2}$  ft. dist, and mound of  
earth, 2 ft. high, 4 ft. base around  
post. From this corner, run  
S. 89° 48' E., on a true line bet. secs. 7-18,  
Ta. 14° 15' E.
- 38.27 Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cor. marked  
 $\frac{1}{4}$  S. on N. face, from which  
A Cedar, 4 ins. dia., bears S. 27° E., 51 lks. dist,  
A Cedar, 16 ins. dia., bears N. 43° W. 74 lks. dist,  
both of which I mark  $\frac{1}{4}$  S. P. S.
- 78.27 The cor. to secs. 7-8-17-18,  
Land rolling, Soil 3<sup>rd</sup> rate,  
Timber Pine Cedar, Vegetation bunchgrass  
S. C. Capp, Comptroller, Nov. 20, 1882.

Township

20 N.

Range

30 E.

G. & S. R.

Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 15'

East.

Descend

34.00 Bank of mesa, bears E. & W. and descend abruptly.

40.00 Set post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for 1/4 Sec. Cor., marked '1/4 S.' on N. face, from which

A Pine, 6 ins. dia., bears S. 57° E., 38 lks. dist.

A Pine, 10 ins. dia., bears N. 84° W., 17 lks. dist., both of which I mark 1/4 S. B. V.

40.50 Foot of mesa, bears E. & W., and continue a gradual descent.

50.00 Set post, 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 5-6-7-8, marked T. 20 N. S. 5 on N. E. R. 30 E. S. 8 on S. E., S. 7 on S. W. and S. 6 on N. W. faces,

with 5 notches on S. & E. edges, from which,

A Pine 8 ins. dia., bears N. 24° E., 58 lks. dist., marked T. 20 N. R. 30 E. S. 5 B. V.

A Pine, 10 ins. dia., bears S. 49° E., 27 lks. dist., marked T. 20 N. R. 30 E. S. 8 B. V.

A Pine, 4 ins. dia., bears S. 10° W., 21 lks. dist., marked T. 20 N. R. 30 E. S. 7 B. V.

A Pine 6 ins. dia., bears N. 63° W., 19 lks. dist., marked T. 20 N. R. 30 E. S. 6 B. V.

Soil rolling  
Timber, Pine, Cedar, Vegetation, bunch grass.

Township

20 N.

Range

30 E.

G. &amp; S. R. Meridian.

Chains

East, on a random line between Sections 5 and 8.

Variation

14° 15'

East.

Ascend gradually.

40.00

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

80.07

Intersect N. & S. line 5 lks. North of cor.  
to secs. 4-5-8-9, from which corner,  
run N. 89° 58' W, on a true line  
between sections 5-8,

Va. 14° 15' E.

40.04

Set post, 3 ft. long, 3 ins. dia., 24 ins. in  
the ground, for  $\frac{1}{4}$  Sec. Cor., marked  
 $\frac{1}{4}$  S. on N. face,

from which,

A cedar, 12 ins. dia., bears S. 41° E., 75 lks.  
dist., marked  $\frac{1}{4}$  S. P. T.A cedar, 20 ins. dia., bears N. 63° W., 81 lks.  
dist., marked  $\frac{1}{4}$  S. P. T.

80.07

The cor. to secs. 5-6-7-8,  
Land rolling. Soil 3<sup>rd</sup> rate,  
Timber, Pine and cedar,  
Vegetation, Bunchgrass.Carefully examined the adjustments  
of my compass today, particularly the  
latitude and reversing apparatus &  
found them correct.

N. R. Fitzgerald, Nov. 20, 1882.



Township

20 N.

Range

30 E.

G. &amp; S. R.

Meridian.

Chains

West, on a random line between Sections 6 and 7.

Variation

14° 15'

East.

- Descend gradually.
- 40.00 Set temporary  $\frac{1}{4}$  sec. cor.
- 78.21 Intersect N. B. of Tp., 18 lks. North  
of cor. to secs. 1-6-7-12, which is a  
post, 4 ins. square, with ~~marked stone~~,  
set firmly in the ground & marked  
12 on S. 6 on N. E. R. 30 E. S. 7 on S. E.  
R. 29 E. S. 12 on S. W. & S. 1 on N. W.  
faces, with 1 notch on N. and 5  
notches on S. edges, pits, 18 x 18 x 12 ins.,  
in each Sec., 3 ft. dist, with earth  
mound, 2 ft. high, 4 ft. base around post.  
From this corner, run N. 89° 52' E.,  
on a true line bet. Secs. 6-7. Va. 14° 15' E.
- 38.21 Set post, 3 ft. long, 3 ins. dia., 2 4 ins.,  
in the ground, for  $\frac{1}{4}$  Sec. Cor.,  
marked  $\frac{1}{4}$  S. on N. face from which,  
A Cedar, 2 ins. dia., bears N. 12° E., 15 lks. dist.  
A Pine, 4 ins. dia., bears S. 47° W., 79 lks. dist.,  
both of which, I mark  $\frac{1}{4}$  S. B. T.
- 78.21 The cor. to secs. 5-6-7-8,  
Land rolling. Soil 3<sup>rd</sup> rate.  
Timber, Pine & Cedar. Vegetation,  
Bunchgrass.

Township

20 N.

Range

30 E.

G. & S. R.

Meridian.

Chains

North, on a <sup>true</sup> random line between Sections 5 and 6.

Variation

14° 15'

East.

Ascend gradually.

21.00

cross Depression bears E. & W. 200 yds.

40.00

Set post, 3 ft. long, 3 ins. dia., 2 1/2 ins. in the ground, for 1/4 Sec. Co., marked H.S. on N. face, from which,

1 Cedar, 30 ins. dia., bears N. 58° E., 39 lks., dist., marked 1/4 S. P. T.

1 Cedar, 18 ins. dia., bears S. 84° W., 97 lks., dist., marked 1/4 S. P. T.

82.48

Intersect 5th Standard Parallel N.

9.18 chs. West of Standard cor. to Secs.

31-32 of T. 21 N. R. 30 E., and <sup>recently established by me</sup>

Set post, 4 ft. long, 4 ins. square, 2 ins. in the ground for Closing Corner to Secs. 5-6, marked C.C. T. 20 N. R. 30 E. on S., S. 5 on E. and S. 6 on N. faces, with notch on N. and 5 notches on E. faces, from which,

1 Pine, 8 ins. dia., bears S. 57° E., 91 lks., dist., marked T. 20 N. R. 30 E. S. 5 P. T.

1 Pine, 6 ins. dia., bears S. 72° W., 205 lks., dist., marked T. 20 N. R. 30 E. S. 6 P. T.

No other tree within limits, dug pit, 18 x 18 x 12 ins. South of post, 5 1/2 ft. dist., & raised a mound of earth 2 ft. high,

4 ft. base, around post. Land rolling, soil 3rd quality. Timber, Pine & Cedar.

Carefully examined the adjustments of my compass today and found they correct. J.C. Pugh, Comptroller, Nov. 20, 1882.

## GENERAL DESCRIPTION.

The land in this Township includes high rolling Mesa, and a small portion of mountainous country.

It is covered with vegetation of Bunchgrass, which for the greater part of the T<sup>p</sup>, affords good grazing land.

Pine and Cedar timber are abundant.

The soil is 2<sup>nd</sup> and 3<sup>rd</sup> rate, and in some portions would produce crops without irrigation.

Carlos Leharez has a house in Sec. 27.

For final notes see book 18-

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

TUCSON, ARIZONA,

May 17

1883

The foregoing Field Notes of the Survey of the

Subdivision Lines of  
Twp. 20 N. R. 30 East

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, 1882, having been

critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe  
are hereby approved.

J. M. Smith  
Surveyor General.