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~~Books 273~~

BOOK 273

Henry R. Coe, Deputy Surveyor.

T. *17 North,* **R.** *28 East,*

6th 1/2 West Meridian.

No - 273

FIELD NOTES

BOOK 273

OF

THE SUBDIVISION LINES OF

Township *17 North,* Range *28 East,*

6th 1/2 W. R. Meridian.

BY

Henry R. Coe, Deputy Surveyor.

Under his Contract of *July 20th* 1882

Survey Commenced *November 15th* 1882

Survey Completed *November 17th* 1882.

No - 273

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273

1A

Township 17 North Range 28 East
G. M. S. R. 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
53		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

OK.

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Township

Range

Meridian.

For preliminary notes
see Book 4 - Survey
of 4th Standard Parallel

Survey commenced
Nov 15 - 1882

No-273

Survey made with Burt's Patent
Improved Solar Compass, newly used in
first rate order. Made by John Roach of
San Francisco, Cal. in 1879.

1

Township

17 N,

Range

28 E,

G. M. S. R. Meridian.

Chains

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

~~is a post, 4 ft. long, 4 in. square, pits marked
stone, 12 in. in the ground, marked.~~

~~T. 17 N., S. 36 on N. E.; R. 28 E., S. 1 on S. E.;~~

~~T. 16 N., S. 2 on S. W. & S. 5 on N. W. faces,~~

~~with 1 notch on E. & 5 notches on W. edges;~~

~~with pits 18 x 18 x 12 in. in each Sec., 5 ft.~~

~~dirt, and a mound of earth, 2 ft. high,~~

~~4 ft. base around post, Iron~~

~~North between Secs. 35 and 36.~~

Var. 14° 15' East.

Ascend gradually.

45.00 Set a post, 3 ft. long, 3 in. square, with marked
stone, 12 in. in the ground, for the Sec. Cor., marked

N. S. on W. face, dig pits 18 x 18 x 12 in., N. and S.

of post, 5 ft. dirt, and raised a mound of

earth, 1 1/2 ft. high, 3 ft. base around post.

80.00 Set a post, 4 ft. long, 4 in. square, with marked
stone, 12 in. in the ground, for Cor. to Secs.

25, 26, 35 & 36, marked T. 17 N., S. 25 on N. E.;

R. 28 E., S. 36 on S. E.; S. 35 on S. W. & S. 26 on

N. W. faces, with 1 notch on S. & E. edges; dig pits

18 x 18 x 12 in. in each Sec., 5 ft. dirt, and raised a

mound of earth, 2 ft. high, 4 ft. base around post.

Land rolling. Soil 2nd rate.

Vegetation of Bunchgrass.

Township 17th N. Range 28th E.
S. 2nd S. R. Meridian.

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

Variation 14° 07' East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

80.49 Intersect East boundary of Sp., 41 lks. South
of Cor. to Secs. 25, 26, 35th & 36, ~~with~~ ^{recently} ~~set~~ ^{calculated by} ~~the~~

post, 4 ft. long, 4 ins. square, with marked
stone, 12 ins. in the ground, marked
S. 17th N., S. 30 on N.E.; R. 27th E., S. 31 on S.E.;
R. 28th E., S. 36 on S.W. & S. 25 on N.W. face,
with 1 notch on S. & 5 notches on N. edges;
with pits 18 x 12 x 12 ins. in each Sec., 5th ft.
dist, and a mound of earth, 2 ft. high,
4th ft. base around post. Hence I run
S. 59° 42' W. a true line, bet. Secs. 25th & 36,
Var. 14° 15' East.

40.24 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for 1/4
Sec. Cor, marked N.W. on N. face, dig pits
18 x 12 x 12 ins. E. & W. of post, 5th ft. dist,
and raised a mound of earth, 1st ft.
high, 3rd ft. base around post.

80.49 The Cor. to Secs. 25, 26, 35th & 36.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Township 17 N, Range 28 E,
S. W. S. R. Meridian.

Chains

North, between Sections 25 and 26.

Variation $14^{\circ} 07'$ East.

Ascend gradually.

- 40.00 Set a post, 3 ft. long, 8 ins. square, with
marked stone, 12 ins. in the ground, for Sec.
25, Cor., marked N. S. on W. face, dug pits
18 x 18 x 12 ins. N. W. S. of post, 5 ft. dist., and
raised a mound of earth, 1 1/2 ft. high,
3 1/2 ft. base around post.
- 79.50 Top of Ridge, Azon $N. 55^{\circ} E.$ 2^{nd} $S. 55^{\circ} W.$ 2^{nd} $ascend.$
- 80.00 Set a post, 4 ft. long, 4 ins. square, with
marked stone, 12 ins. in the ground, for Cor. to
Secs. 23, 24, 25 2^{nd} 26, marked
S. 17 N, S. 24 on N. E.
R. 28 E, S. 25 on S. E.
C. 26 on S. W. 2^{nd}
S. 23 on N. W. faces, with 2 notches on S.
and 1 notch on E. edges; dug pits
18 x 18 x 12 ins. in each Sec, 5 ft. dist.,
and raised a mound of earth, 2 ft.
high, 4 1/2 ft. base around post.
Land rolling.
Soil 2nd rate
Vegetation of *Bunchgrass*.

Township

17 N.

Range

28 E.

S. ^{2nd} S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

80.16 Intersect East boundary of Twp. 5 21 lks.

~~South of Cor. to Secs. 19, 24, 25 and 30, ^{section} particularly~~~~is a post, 4 ft. long, 4 in. square, with marked
stone, 12 in. in the ground, marked
T. 17 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
scratches on S. 24 & notches on N. edges; with
pits 18 x 18 x 12 in. in each Sec., 5 1/2 ft. dist,
and a mound of earth, 2 ft. high, 4 ft.~~~~base around post~~ Hence I run
S. $59^{\circ} 38' W.$ on a true line, bet. Secs. 24 and 25.Cra. $14^{\circ} 15'$ East.40.08 Set a post, 3 ft. long, 3 in. square, with marked
stone, 12 in. in the ground, for 1/4 Sec. Cor.,
marked 1/4 S. on N. face, dug pits 18 x 18 x 12 in.
E. & W. of post, 5 1/2 ft. dist, and raised a
mound of earth, 1 1/2 ft. high, 3 1/2 ft. base
around post.80.16 The Cor. to Secs. 23, 24, 25 and 26.
Sand rocky.
Soil 2nd rate.
Vegetation of Bunchgrass.

Chains

North, between Sections 23 and 24.

Variation $14^{\circ} 07'$

East.

Descend.

10.00 Cross low bog, course $N. 80^{\circ} E.$ 2^{nd} $S. 50^{\circ} W.$
and ascend.

40.00 Set a post, 3 ft. long, 3 in. square, with
marked stone, 12 in. in the ground, for
Sec. Cor., marked 74° on W. face, dug
pits $18 \times 18 \times 12$ in., $N. 2^{\text{nd}}$ $S.$ of post, 5 ft.
dial, and raised a mound of earth,
11 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base around post.

80.00 Set a post, 4 ft. long, 4 in. square, with
marked stone, 12 in. in the ground, for Cor.
to Secs. 13, 14, 23 2^{nd} 24, marked
 $S. 17^{\circ} W.$, $S. 13$ on $N. E.$
 $R. 24 E.$, $N. 24$ on $S. E.$
 $S. 23$ on $S. W.$ and
 $S. 14$ on $N. W.$ face, with 3 notches and $S. 2^{\text{nd}}$
1 notch on E. edges; dug pits $18 \times 18 \times 11$ in.,
in each Sec., 5 $\frac{1}{2}$ ft. dial, and raised a
mound of earth, 2 ft. high, 4 $\frac{1}{2}$ ft.
base around post.
Sand, rolling.
Soil 2nd mts.
Vegetation of Bunchgrass.

Township

17 N₂

Range

28 E₂S. ²/₂ S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

79.94 Intersect East boundary of T₂P₁ 16 lks. West
of Cor. to Secs. 13, 18, 19 ^{on} 24, ~~which is a~~
~~post, 4 ft. long, 4 ins. square, with marked~~
~~stone, 12 ins. in the ground, marked~~
~~T. 17 N, S. 18 on N. E.; R. 28 E, S. 19 on S. E.;~~
~~R. 28 E, S. 24 on S. W. ^{on} S. 18 on N. W. post,~~
~~with 3 notches on N. and S. edges; with pits~~
~~18 x 18 x 12 ins. in each Sec., 5th ft. dist,~~
~~and a mound of earth, 2 1/2 ft. high, 4th ft.~~
~~base around post — thence run~~
~~N. 89° 58' W. on a true line, bet. Secs. 18 ^{on} 24.~~
~~Var. $14^{\circ} 15'$ East.~~

39.97 Set a post, 3 ft. long, 3 ins. square, with marked
stone, 12 ins. in the ground, for 1/4 Sec. Cor.,
marked 1/4 S. on N. face, dug pits 18 x 18 x 12 ins.
E. and W. of post, 5th ft. dist, and raised a
mound of earth, 1st ft. high, 3rd ft. base
around post.

79.94 The Cor. to Secs. 13, 14, 23 and 24.

Round ranging.

Paid 2nd rate.

Vegetation of Bunchgrass

Township

17 N.

Range

28 E.

G. and S. R.

Meridian.

Chains

North, between Sections 13 and 14.

Variation

14° 07'

East.

Ascend gradually.

40.00

Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for the
Sec. Cor., marked N.S. on W. 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.

50.00

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

50.00

Set a post, 4 ft. long, 4 ins. square, with
marked stone, 12 ins. in the ground, for
Cor. to Secs. 11, 12, 13 & 14, marked
S. 17 N., S. 12 on N. E.
R. 28 E., S. 13 on S. E.
S. 14 on S. W. &

S. 11 on N. W. faces, with 4 notches on S. &
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 around post.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Township 17 N., Range 28 E.,
 S. 1/2 Sec. 1 R. Meridian.

Chains East, on a random line between Sections 12 and 13.
 Variation $14^{\circ} 07'$ East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

80.31 Intersect East boundary of Tps. 9th, North
 of Cor. to Secs. 7, 12, 13 and 18, ^{recently} which is a
~~post, 4 ft. long, 4 ins. square, with wooden~~
~~stone, 12 ins. in the ground, marked~~
~~S. $57^{\circ} 4'$, S. 7 on N. E.; R. 29 E., S. 15 on S. E.;~~
~~R. 28 E., S. 13 on S. W. ^{2nd}, S. 12 on N. W. face,~~
~~with 4 notches on S. and 2 notches on N. edge;~~
~~with pits $18 \times 18 \times 12$ ins. in each Sec., 5 ft.~~
~~dist, and a mound of earth, 2 ft. high,~~
~~4 ft. base around post - thence I run~~
~~N. $89^{\circ} 57'$ W. on a true line, bet. Secs. 12 and 13.~~
 Var. $14^{\circ} 15'$ East.

40.15 Set a post, 3 ft. long, 3 ins. square, with wooden
 stone, 12 ins. in the ground, for 1/4 Sec. Cor.,
 marked 1/4 S. on N. face, dug pits $18 \times 18 \times 12$ ins.
 E. and W. of post, 5 ft. dist, and raised a
 mound of earth, 1 ft. high, 3 ft. base
 around post.

80.31 The Cor. to Secs. 11, 12, 13 and 14,
 Land rolling.
 Soil 2nd rate.
 Vegetation of Bunchgrass

Township

17 N,

Range

28 E,

S. 2^d V. R. Meridian.

Chains

North, between Sections 11 and 12.

Variation $14^{\circ} 07'$

East.

Descend gradually.

- 40.00 Set a post, 8 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for $\frac{1}{4}$
Sec. Cor., marked N.W. on W. face, dug pits
 $18 \times 18 \times 12$ ins. N. 2^d V. of post, $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth, 1 $\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.
- 45.50 Cross Gulch, 5 lks. wide, course S. 78° E. 2^d V. across.
- 80.00 Set a post 4 ft. long, 4 ins. square, with
marked stone, 12 ins. in the ground, for Cor.
to Secs. 1, 2, 11th & 12, marked
T. 17 N., S. 1 on N.E.
R. 28 E., S. 12 on S.E.
S. 11 on S.W. and
S. 2 on N.W. faces, with 5 notches and
and 1 notch on E. edges; dug pits
 $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth, 2 ft.
high, $4\frac{1}{2}$ ft. base around post.
Sand rolling.
Soil 2nd rate.
Vegetation of Bunchgrass.
I carefully examined my compass^{es} and
found it to be correct.

Township 17 N. Range 28 E.G. ^{was} S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Proceed.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.83 Intersect East boundary of Sp. 13th Sec. South
of Cor. to Secs. 1, 6, 7th & 12, ~~which is a~~ ^{recently established}
~~boundary~~

Set, 4 ft. long, 4 ins. square, with marked
stone, 12 ins. in the ground, marked
C. 17 N., S. 6 or N. E.; R. 29 E., S. 7 or S. E.;
R. 28 E., S. 12 or S. W. ^{and} S. 1 or N. W. fees,
with 5 notches on S. ^{and} 1 notch on N. edges,
with pits 18 x 18 x 12 ins. in each Sec.,
5th ft. dist, and a mound of earth, 2 ft.
high, 4th ft. base around post - Hence true
S. 87° 54' W. or a true line, Set. Secs. 1 ^{and} 12.

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

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

79.83 The Cor. to Secs. 1, 2, 11th & 12.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Township

17 N.

Range

28 E.

G. W. & R. Meridian.

Chains

North, on a random line between Sections 1 and 2.

Variation

14° 07'

East.

Access.

20.00 Top of Spur, ran E. $\frac{1}{4}$ mi. W. and descend.

40.00 Set temporary 14 Sec. cor.

80.07 Intersect North boundary of Sp., 20 chs. West

of cor. to Secs. 1, 2, 35 ^{recently} and 36, ^{which is a}
~~established by min~~ point 4 ft. long, 4 ins. square, with marked stone

12 ins. in the ground, marked S. 18 N., N. 86 and N. E.;

R. 29 E., V. 1 on N. E.; S. 17 N., V. 2 on S. W. and

V. 35 on N. W. face, with 1 notch on E. $\frac{1}{4}$ mi.

5 notches on W. edges; with pits 18 x 18 x 12 ins.

in each Sec., 5 $\frac{1}{2}$ ft. dist., and a mound of

earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base around point

thence I run

S. 9 W. on a true line, bet. Secs. 1 and 2,

Var. 14° 07' East.

40.07 Set a post, 2 ft. long, 3 ins. square with marked

stone, 12 ins. in the ground, ^{for 1/4 sec cor.} marked N. 8 on W.

face, dug pits 18 x 18 x 12 ins. N. $\frac{1}{4}$ mi. 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.

80.07 To cor. to Secs. 1, 2, 11 and 12.

Drum rolling. Soil 2nd rate.

Vegetation of Bush grass.

H. A. Coe, Monmouth 15th 1882.

Township

17 N,

Range

25 E,

G. & V. R. Meridian.

Chains

From the Cor. to Secs. 2, 3, 34 ^{and 35} on S. B. of
~~Op., which is a part, 4 ft. long, 4 ins. square,~~
~~with marked stone, 12 ins. in the ground, marked~~
 T. 17 N, S. 35 on N. E.; R. 25 E, S. 2 on S. E.;
 S. 16 N, S. 3 on S. W. and S. 34 on N. W. faces,
 with 2 notches on E. and 4 notches on W. edges;
 with pits 14 x 18 x 12 ins. in each Sec, 5 1/2 ft.
 dist, and a mound of earth, 2 ft. high, 4 1/2 ft.
 base around post, from

North, between Section's 34 and 35.

Var. 14° 15' East.

Ascend.

- 37.50 Top of Ridge, from N. E. and S. W. and descend.
- 40.00 Set a post, 3 ft. long, 3 ins. square, with marked
 stone, 12 ins. in the ground, for the Sec. Cor, marked
 T. 17 N, S. 35 on N. E. faces, 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.
- 65.15 Cross low Sag course E. and 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. 26, 27, 34 & 35,
 marked T. 17 N, S. 26 on N. E.; R. 25 E, S. 35 on S. E.
 S. 34 on S. W. and S. 27 on N. W. faces, with 1 notch
 and 2 notches on E. edges; dug pits 18 x 18 x 12 ins. in
 each Sec, 5 1/2 ft. dist, and raised a mound of earth, 2 ft.
 high, 4 1/2 ft. base around post. Land rolling.
 Soil 2nd rate. Vegetation of Bemisgroves.

Township

17 N.

Range

28 E.

S. W. S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascends

- 13.00 Top of Ridge, from N. ^{2nd} S. ^{2nd} Ascends.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 79.65 Intersect N. ^{2nd} S. line, 39 lks. North of Cor. to Secs. 25, 26, 35 ^{2nd} 36, from which Cor. runs $N. 89^{\circ} 43' W.$ on a true line, bet. Secs. 26 ^{2nd} 35. Var. $14^{\circ} 07'$ East.
- 39.82 Set a post, 3 ft. long, 3 ins. square, 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. ^{2nd} W. of post, 5 ¹/₂ ft. dist., and raised a mound of earth, 1 ¹/₂ ft. high, 3 ¹/₂ ft. base around post.
- 79.65 The Cor. to Secs. 26, 27, 34 ^{2nd} 35, land rolling.
Soil 2nd rate.
Vegetation of Bunchgrass.

Township 17 N, Range 25 E,

S. and S. R. Meridian.

Chains

North, between Sections 26 and 27.

Variation $14^{\circ} 07'$ East.

Ascend.

- 40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face, dug pits $18 \times 18 \times 12$ ins. N. and S. of post, 5 ft. dist., and raised a mound of earth, 1 ft. high, 3 ft. base around post.
- 60.60 Top of Ridge, bears E. and W. and descend.
- 76.50 Cross low Sag, bears E. and 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. 22, 23, 26 and 27, marked S. 17 N., S. 23 on N. E.
R. 25 E., S. 26 on S. E.
S. 27 on S. W. and
S. 22 on N. W. faces, with 2 notches on S. and E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., 5 ft. dist., and raised a mound of earth, 2 ft. high, 4 ft. base around post.
Land rolling.
Soil 2nd rate.
Vegetation of Bunchgrass.
Timber of Cedar.

15 Township 17 N., Range 28 E.,
 G. W. S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descend.

- 7.00 Cross low Sag, course $N. 30^{\circ} E.$ and
 $S. 30^{\circ} W.$ and ascend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 80.11 Intersect N. & S. line, 12 lks. North of
 Cor. to Secs. 23, 24, 25 and 26,
 from which Cor., run
 $N. 89^{\circ} 55' W.$ on a true line, bet. Secs. 23 and 26.
 Cra. $14^{\circ} 07'$ East.
- 40.05 Set a post, 3 ft. long, 3 ins. square, with
 marked stone, 12 ins. in the ground, for
 $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4} C.$ on N. face,
 dug pits $18 \times 18 \times 12$ ins. E. and W. of
 post, 5 $\frac{1}{2}$ ft. dist., and raised a mound
 of earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
 around post.
- 80.11 The Cor. to Secs. 22, 23, 26 and 27.
 Land rolling.
 Soil 2 nd rate.
 Vegetation of Bunchgrass.

Township 17 N, Range 28 E,
 G. and S. R. Meridian.

Chains

North, between Sections 22 and 23.

Variation $14^{\circ} 07'$ East.*Second.*

40.00 Set a post, 3 ft. long, 3 ins. square, 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.

80.00 Set a post, 4 ft. long, 4 ins. square, with
 marked stone, 12 ins. in the ground, for
 Cor. to Secs. 14, 15, 22 and 23, marked
 T. 17 N, S. 14 on N.E.
 R. 28 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 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 2nd rate.
 Vegetation of Bunchgrass.

Township

17 N.

Range

28 E.

G. and S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.*Ascend.*

- 13.00 Top of Ridge, base N. E. ^{and} S. W. ^{and} descend.
- 19.50 Cross low Sag, course N. E. ^{and} S. W. ^{and} ascend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 79.96 Intersect N. ^{and} S. line, 7 E.ks. North of Cor. to Secs. 13, 14, 20 ^{and} 21, thence I run $N. 89^{\circ} 04' W.$ on a true line, bet. Secs. 14 ^{and} 23.
 $\text{Gra. } 14^{\circ} 07' \text{ East.}$
- 39.98 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $14^{\circ} S.$ on N. face, dug pits $18 \times 18 \times 12$ ins. E. ^{and} W. of post, 5 ft. dist., and raised a mound of earth, 14 ft. high, $3\frac{1}{2}$ ft. base around post.
- 79.96 The Cor. to Secs. 14, 15, 22 ^{and} 23.
 Land rolling.
 Soil 2nd rate.
 Vegetation of Bunch grass.

Township 17 N. Range 28 E.S. 1/2 S. 1/2 Meridian.

Chains

North, between Sections 14 and 15.

Variation $14^{\circ} 07'$ East.

Ascend.

- 40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for Sec. 10, marked 4 S. on W. face, dug pits 18 x 18 x 12 ins. N. ^W S. of post, 5 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 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. 10, 11, 14 and 15, unmarked
 S. 17 N., S. 11 on N. E.,
 R. 28 E., S. 14 on S. E.,
 S. 15 on S. W. and
 S. 10 on N. W. face, with 4 notches on S. and 2 notches on E. edges; dug pits 18 x 18 x 12 ins. in each Sec., 5 ft. dist., and raised a mound of earth, 2 ft. high, 4 1/2 ft. base around post.
 Sand rolling.
 Soil 2nd rate.
 Vegetation of bunchgrass.

Township

17 N.

Range

28 E.

S. 4th S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascend.

- 18.00 Top of Ridge, near N. ^{2nd} S. ^{2nd} descend.
- 21.00 Cross low Sag, near N. ^{2nd} S. ^{2nd} ascend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 79.73 Intersect N. ^{2nd} S. line, 35 lks. South of Cor. to Secs. 11, 12, 13 and 14, thence I run $S. 89^{\circ} 45' W.$ on a true line, bet. Secs. 11 and 14.
 Gra. $14^{\circ} 07'$ East.
- 39.86 Set a post, 3 ft. long, 3 ins. square, with marked stone, pins in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4} W.$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. ^{2nd} W. of post, 5th ft. dist, and raised a mound of earth, 1st ft. high, 3rd ft. base around post.
- 79.73 The Cor. to Secs. 10, 11, 14 and 15.
- Land rolling.
- Soil 2nd rate.
- Vegetation of Bunchgrass.

Township 17 N, Range 28 E,

E. 2nd S. R. Meridian.

Chains North, between Sections 10 and 11.

Variation 14° 07' East.

Ascend.

38.50 Top of Ridge, bears N. 20° E. 2nd S. 20° W.
and descend.40.00 Set a post, 3 ft. long, 3 ins. square, with
marked stake, 12 ins. in the ground, for
14 Sec. Cor., marked 1/4 S. on W. face, dug
pits 18 x 18 x 12 ins. N. 2nd 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.56.70 Cross low bog, corner N. 20° E. 2nd S. 20° W. 2nd corner.58.00 Set a post, 4 ft. long, 4 ins. square, with
marked stone, 12 ins. in the ground, for
Cor. to Secs. 2, 3, 10 and 11, marked
T. 17 N, S. 2 on N. E.
R. 28 E, S. 11 on S. E.
S. 10 on S. W. andS. 3 on N. W. faces, with 5 notches on S. 2nd and
2 notches on E. edges, dug pits 18 x 18 x 12 ins.
in each Sec., 5 1/2 ft. dist., and raised
a mound of earth, 2 ft. high, 4 1/2 ft.
base around post.

Sand rolling.

Soil 2nd rate.

Vegetation of Bluegrass.

Township 17 N., Range 25 E.,

S. 4th S. R. Meridian.

Chains	East, on a random line between Sections 2 and 11. Variation 14° 07' East.
	Descend.
8.00	Cross Wash, course S. E. and ascend.
22.00	Top of Ridge, near N. W. ^{4th} S. E. and descend.
40.00	Set temporary ^{1st} Sec. Cor.
79.84	Intersect N. ^{4th} S. line, 27 lks. North of Cor. to Secs. 1, 2, 11 and 12, from which Cor. I run N. 89° 48' W. on a true line, bet. Secs. 2 and 11. Gr. 14° 07' East.
39:92	Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for ^{1st} Sec. Cor., marked ^{1st} W. on N. face, dug pits 18 x 18 x 12 ins. E. ^{2nd} W. of post, 5 ft. dist., and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post.
79.84	The Cor. to Secs. 2, 3, 10 and 11. Land rolling, Soil 2 nd rate. Vegetation of Bunchgrass.

Township 17 N. Range 28 E.
 G. M. S. R. Meridian.

Chains North, on a random line between Sections 2 and 3.

Variation 14° 07' East.

Ascend.

40.00 Set temporary 1/4 Sec. Cor.

80.21 Intersect North boundary of Sp. 23 Sec.
 East of Cor. to Secs. 2, 3, 34 ^{renewed} ~~and 35~~
~~established by~~
 a post, 4 ft. long, 4 ins. square, with marked
 stone, 12 ins. in the ground, marked
 S. 18 N., S. 30 on N. E.; R. 29 E., S. 2 on S. E.;
 C. 17 N., S. 3 on S. W. and S. 34 on N. W. face,
 with 2 notches on E. and 4 notches on W.
 edges; with pits 18 x 18 x 12 ins. in each corner,
 5" ^{1/2} dist., and a mound of earth, 2 ft.
 high, 4" ^{1/2} ft. base around post. Hence I run
 S. 10 E. on a true line, bet. Secs. 2 and 3.

Var. 14° 07' East.

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

80.21 The Cor. to Secs. 2, 3, 10 and 11.
 Lava rolling. Soil 2nd rate.

Vegetation of Bunchgrass.
 I carefully examined my Compass and found it
 to be correct.
 W. W. Harlan, Compassman, Nov. 15th 1882.

Township 17 N, Range 28 E,
 3rd S. R. Meridian.

Chains

From the Cor. to Secs. 3, 4, 33rd and 34, on S. B. of
~~Spring which is a post, 4 ft. long, 4 ins. square,~~
 with marked stone, 12 ins. in the ground, marked
 C. 17 N, S. 34 or N. E.; R. 28 E, S. 3 on S. E.;
 C. 16 N, S. 4 or S. W. and S. 33 on N. W. faces, with
 3 notches on E. & W. edges, pits 18 x 18 x 12 ins.
 in each Sec., 5th ft. dist, and a mound of
~~earth, 2 ft. high, 4th ft. base around post,~~ Iron
 Nails between Secs. 33 and 34.

7th or 14th 15' East.

Access.

- 8.00 Wolford Spring, near East, 11.25 chs. dist.
 40.00 Set a post, 3 ft. long, 3 ins. square, 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. & S.
 of post, 5th ft. dist, and raised a mound
 of earth, 1th ft. high, 3th 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.
 27, 28, 33rd and 34, marked C. 17 N, S. 27 or N. E.;
 R. 28 E, S. 34 on S. E.; S. 33 on S. W. & S. 3 on
 N. W. faces, with 1 notch on S. & 3 notches on E.
 edges; dug pits 18 x 18 x 12 ins. in each Sec., 5th ft.
 dist, and raised a mound of earth, 2 ft. high,
 4th ft. base around post.

Land rolling. Soil 2nd rate.
 Vegetation & Runways, Timber & Cedar.

Township

17 N.

Range

28 E.

G. P. S. N. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descend.

- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 80.20 Intersect $\frac{1}{4}$ $\frac{3}{4}$ N. line, 15 lks. South of
Cor. to Secs. 26, 27, 34 and 35.
Hence run
 $S. 89^{\circ} 54' W.$ on a true line, bet. Secs. 27 and 34.
Var. $14^{\circ} 07'$ East.
- 40.10 Set a post, 3 ft. long, 3 in. square, with
marked stone, 12 in. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ c. on $\frac{1}{4}$ face, deep
pits $18 \times 18 \times 12$ in. E. $\frac{1}{4}$ W. of post, 5 ft.
dist., and raised a mound of earth,
1 ft. high, 3 ft. base around post.
- 80.20 The Cor. to Secs. 27, 28, 33 and 34.
Land rolling.
Soil 3rd rate.
Vegetation of. Bunchgrass.
Timber of Cedar.

Township

17 N.

Range

28 E.

S. $\frac{1}{4}$ S. R. Meridian.

Chains

North, between Sections 27 and 28.

Variation $14^{\circ} 07'$ East.

Ascend.

40.00 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for 14^{th}
Sec. Cor., marked 14^{th} S. on W. face, dug pits
 $18 \times 18 \times 12$ ins. N. $\frac{1}{4}$ 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. 22, 21, 27 $\frac{1}{4}$ and 28, marked
T. 17 N., S. 22 on N.E.
R. 28 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; dug pits
 $18 \times 18 \times 12$ ins. in each Sec., $5^{\frac{1}{2}}$ ft. dist.,
and raised a mound of earth, 2 ft.
high, $4^{\frac{1}{2}}$ ft. base around post.
Land rolling.
Soil 2nd rate.
Vegetation of Bunchgrass.

Township

17 N.

Range

28 E.

G. & S. C. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descends

40.00

Set temporary 1/4 Sec. Cor.

79.81

Intersect N. & S. line, 11 lks. North of
Cor. to Secs. 22, 23, 26 & 27.

Hence run

N. $89^{\circ} 55'$ W. on a true line, bet. Secs. 22 & 27.
Cra. $14^{\circ} 07'$ East.

39.90

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

79.81

The Cor. to Secs. 21, 22, 27 & 28

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Township

17 N.,

Range

28 E.,

E. 1/4 Sec. 21, R. Meridian.

Chains

North, between Sections 21 and 22.

Variation $14^{\circ} 07'$ East.

Ascend.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for 1/4 Sec. Cor., marked 14 on W. face, dug pits $18 \times 18 \times 12$ ins. N. and S. of post, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 15, 16, 21 and 22, marked S. 17 N., S. 15 on N.E. R. 28 E., S. 22 on S.E. S. 21 on S.W. and S. 16 on N.W. face, with 3 notches on S. and E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., 5 1/2 ft. dist, and raised a mound of earth, 2 ft. high, 4 1/2 ft. base around post.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Timber of Cedar.

Township 17 N., Range 28 E.,
S. 2nd S. R. Meridian.

Chains

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

Variation 14° 07' East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

80.12 Intersect M. 2nd S. line, 53 lks. South
of Cor. to Secs. 14, 15, 22 and 23,
thence runS. 89° 07' W. on a true line bet. Secs. 15 and 22,
Cra. 14° 07' East.40.06 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground,
for 1/4 Sec. Cor, marked 1/4 S. on M.
face, dug pits 18 x 18 x 12 ins., E. & W.
of post, 5 1/2 ft. dist, and raised a
mound of earth, 1 1/2 ft. high, 3 1/2 ft.
base around post.

80.12 One Cor. to Secs. 15, 16, 21 and 22.

Land rolling.

Soil 2nd rate.

Vegetation of Bluegrass.
Similar of Cedar.

Township

17 N,

BOOK 273

Range

28 E,

G. and S. R.

Meridian.

Chains

North, between Sections 15 and 16.

Variation $14^{\circ} 07'$ East.

Ascend.

- 40.00 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for
Sec. Cor., marked $\frac{1}{4}$ E. on W. face,
dig pits $18 \times 18 \times 12$ ins. N. & S. of post,
5th ft. dist., and raised a mound of
earth, 1st ft. high, 3rd 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. 9, 10, 15th and 16, marked
T. 17 N, S. 10 on N. E.
R. 28 E., S. 15 on S. E.
S. 16 on S. W. and
S. 9 on N. W. faces, with 4 notches on S.
and 3 notches on E. edges, dig pits
 $18 \times 18 \times 12$ ins. in each Sec., 5th ft. dist.,
and raised a mound of earth, 2 ft.
high, 4th ft. base around post.
Land rolling.
Soil 2nd rate.
Vegetation of bunchgrass.

Township

17 N.

Range

28 E.

S. 1/4 S. R. Meridian.

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

Variation 14° 07' East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

80.31 Intersect N. and S. line, 13 lks. North of Cor. to Secs. 10, 11, 14 and 15,

thence I run

N. 89° 54' W. on a true line, bet. Secs. 10 and 15.

Var. 14° 07' East.

40.15 Set a post, 3 ft. long, 3 ins. square, with marked star, 12 ins. in the ground, for 1/4 Sec. Cor., mark on N. face, dug pits 18 x 15 x 12 ins., E. and W. of post, 5 1/2 ft. dist, and raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. base around post.

80.31 The Cor. to Secs. 9, 10, 15 and 16.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Township 17 N. Range 28 E.
 G. 4th S. R. Meridian.

Chains

North, between Sections 9 and 10.

Variation $14^{\circ} 07'$ East.

Ascend.

- 9.00 Top of Spur, bears E. 4° W. and descends.
- 40.00 Set a post, 3 ft. long, 3 ins. square, with
 marked stone, 12 ins. in the ground, for $1/2$
 Sec. Cor., marked $1/2$ S. on W. face, dug pits
 $18 \times 18 \times 12$ ins. N. 4° 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.
- 40.50 Cross Gulch, course S. E. and ascend.
- 50.00 Set a post, 4 ft. long, 4 ins. square, with
 marked stone, 12 ins. in the ground, for
 Cor. to Secs. 3, 4, 9 and 10, marked
 S. 17 N., S. 3 on N. E.
 R. 28 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
 $18 \times 18 \times 12$ ins. in each Sec., $5 1/2$ ft. dist,
 and raised a mound of earth, 2 ft.
 high, 4 1/2 ft. base around post.
 Sand rolling.
 Soil 2nd rate.
 Vegetation of Bunchgrass.
 Timber of Cedar.

Township

17 N,

Range

28 E,

S. ⁴⁰/₁₀₀ S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descend.

- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 79.94 Intersect N. ⁴⁰/₁₀₀ S. line, 19 lks. North of
Cor. to Secs. 2, 3, 10 and 11,
thence I run
N. $89^{\circ} 52' W.$ on a true line, bet. Secs. 3 and 10
Crs. $14^{\circ} 07'$ East.
- 79.97 Set a post, 3 ft. long, 3 ins. square,
with marked stone, 12 ins. in the
ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ C.
on N. face, dug pits $18 \times 18 \times 12$ ins.,
E. and W. of post, 5¹/₂ ft. dist, and
raised a mound of earth, 1¹/₂ ft.
high, 3¹/₂ ft. base around post.
- 79.94 The Cor. to Secs. 3, 4, 9 and 10.
Land rolling.
Soil 2nd rate.
Vegetation of bunchgrass.
Timber of cedar.
Carefully examined my Solar
Compass in all its adjustments and
found it correct.

Township

17 N.

Range

28 E.

G. M. S. R. Meridian.

Chains

North, on a random line between Sections 3 and 4.

Variation $14^{\circ} 07'$ East.

Ascend.

14.00 Top of Spur, bear N. 60° W. 2^{nd} S. 60° E. and descend.20.00 Cross Gully, course S. 50° E. and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.41.90 Top of Ridge, bear N. 60° E. 2^{nd} S. 60° W. and descend.

79.82 Intersect North boundary of Twp. 15 T. East of

Cor. to Secs. 3, 4, 33 ^{and} 34, ~~which is a post~~ ^{recently established}~~4 ft. long, 4 ins. square, with marked stones~~~~12 ins. in the ground, marked C. 15 T., S. 34 on~~~~N. E.; R. 28 E., S. 3 on S. E. & S. 17 N., S. 4 on~~~~S. W. 2^{nd} S. 33 on N. W. faces, with 3 notches on~~~~E. 2^{nd} W. edges, pits $18 \times 18 \times 12$ ins. in each dir.,~~~~5 $\frac{1}{2}$ ft. dist., 2^{nd} a mound of earth, 2 ft. high, $4 \frac{1}{2}$ ft.~~~~base around post. Then I run~~~~S. 6° E. on a true line, bet. Secs. 3 ^{and} 4.~~Var. $14^{\circ} 07'$ East.

39.82 Set a post, 4 ft. long, 3 ins. square, with marked

stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., markedN. E. on W. face, dug pits $18 \times 18 \times 12$ ins. N. 2^{nd} S. ofpost, 5 $\frac{1}{2}$ ft. dist., 2^{nd} raised a mound of earth,11 ft. high, 3 $\frac{1}{2}$ ft. base around post.79.82 The cor. to Secs. 3, 4, 9 ^{and} 10.Sand rolling. Soil 2 $^{\text{nd}}$ rate.

Vegetation of bunchgrasses. Timber of Cedars.

W. A. Coe, November 16 $^{\text{th}}$ 1882.

Township

17 N,

Range

28 E,

G. M. S. R. Meridian.

Chains

From the Cor. to Secs. 4, 5, 32nd & 33rd on S. 18, of ~~Sec. 11, which is a post, 2 ft. long, 4 ins. square,~~ ~~recently established by me~~ with marked stone, 12 ins. in the ground, marked S. 17 N., S. 33 on N. E.; R. 28 E., S. 4 on S. E.; S. 16 N., S. 5 on S. W. ^{and} S. 32 on N. W. faces, with 4 notches on E. ^{and} 2 notches on W. edges, with pits 18 x 18 x 12 ins. in each Sec., 5th ft. dist., and a mound of earth, 2 ft. high, ~~4th ft. base around post,~~ 3 run North, between Secs. 32nd & 33.

Crs. 14° 18' East.

Accords.

- 40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for 1/4 Sec. Cor., marked N. E. on W. face, dug pits 18 x 18 x 12 ins. N. ^{and} S. of post, 5th ft. dist., ^{and} raised a mound of earth, 1th ft. high, 3th 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. 28, 29, 32nd & 33, marked S. 17 N., S. 28 on N. E.; R. 28 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, dug pits 18 x 18 x 12 ins. in each Sec., 5th ft. dist., ^{and} raised a mound of earth, 2 ft. high, 2th ft. base around post.

Land rolling. Soil 2nd rate.

Vegetation of Bancho grass. Timber of Cedars.

Township

17 N,

Range

38 E,

G. M. S. R. Meridian.

Chains

East, on a random line between Sections 28 and 33.

Variation $14^{\circ} 07'$ East.

Descend.

39.40 Cross Gulch, 10 lks. wide, course S. 20° E.
and ascend.

40.00 Set temporary 1/4 Sec. Cor.

57.50 Top of Ridge, bears N. 20° W. 2^{nd} S. 20° E. 2^{nd} descend.80.36 Intersect N. 2^{nd} S. line, 42 lks. South of
Cor. to Secs. 27, 28, 32 2^{nd} 34,

thence run

S. $89^{\circ} 42'$ W. on a true line, bet. Secs. 28 2^{nd} 33.Var. $14^{\circ} 07'$ East.40.18 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for
1/4 Sec. Cor., marked 1/4 S. on N. face,
dug pits $18 \times 18 \times 12$ ins., E. 2^{nd} W. of post,
5 $^{1/2}$ ft. dist, and raised a mound of
earth, 1 $^{1/2}$ ft. high, 3 $^{1/2}$ ft. base around post.80.36 The Cor. to Secs. 28, 29, 32 2^{nd} 33,

land rolling.

Soil 2 $^{\text{nd}}$ rate.

Vegetation of bunchgrass.

Timber of cedar.

Township

17 N,

Range

28 E,

6. 2 S. R. Meridian.

Chains

North, between Sections 28 and 29.

Variation

14° 07'

East.

Ascend.

40.00

Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. cor., unmarked $\frac{1}{4}$ S or W. face, dug pits 18 x 18 x 12 ins. N. $\frac{1}{4}$ 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. 20, 21, 28 & 29, unmarked S. 17 N, S. 21 or N. E.
 S. 28 E., S. 28 or S. E.
 S. 29 on S. W. and
 S. 20 on N. W. faces, with 2 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.
 Sand rolling.
 Soil 2nd rate.
 Vegetation of Bunchgrass.
 Timber of Cedar.

Township

17 N.

Range

29 E.

G. M. S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Descend.

12.70 Cross Gulch; 10 lks. wide, course S. $\frac{1}{2}$ S. and29.50 Top of Ridge, then N. $\frac{1}{2}$ S. $\frac{1}{2}$ S. and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.87 Intersect N. $\frac{1}{2}$ S. line, 23 lks. South of
Cor. to Secs. 21, 22 27 $\frac{1}{2}$ and 28

Hence I run

S. $89^{\circ} 58' W.$ on a true line, bet. Secs. 21 $\frac{1}{2}$ and 28.Or $14^{\circ} 07'$ East.

39.93 Set a post, 3 ft. long, 3 ins. square, 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. $\frac{1}{2}$ 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.

79.87 The Cor. to Secs. 21, 21, 28 and 29.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Township

17 N.,

Range

29 E.,

G. ^{2nd} S. R.

Meridian.

Chains

North, between Sections 20 and 21.

Variation $14^{\circ} 07'$ East.

Records.

- 13.00 Top of Spur, near E. ^{2nd} W. ^{2nd} descend.
- 27.70 Cross Gulch, 5 lks. wide, course $S. 70^{\circ} E.$ ^{2nd} ascend.
- 40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $1/4$ Sec. Cor, marked $1/4$ S. on W. face, dug pits $18 \times 18 \times 12$ ins., $1/4$ ^{2nd} S. of post, 5 $1/2$ ft. dist., and raised a mound of earth, 1 $1/2$ ft. high, 3 $1/2$ ft. base around post.
- 80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 16, 17, 20 ^{2nd} 21, marked N. 17 N., S. 16 on N. E.
R. 28 E., S. 21 on S. E.
S. 20 on S. W. and
S. 17 on N. W. faces, with 3 notches on S. and 4 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., 5 $1/2$ ft. dist., and raised a mound of earth, 2 ft. high, 4 $1/2$ ft. base around post.
Land rolling.
Soil 2nd rate.
Vegetation of Bluegrass.

Township

17 N,

Range

29 E,

S. ^{2d} S. R.

Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascend.

- 11.20 Muanes' Stone, near S., 108 lks. dist.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 80.37 Intersect W. $\frac{3}{4}$ S. line, 27 lks. South of Cor. to Secs. 15, 16, 21 ^{and} 22, from which Cor. I run $S. 89^{\circ} 48' W.$ on a true line, bet. Secs. 16 ^{and} 21.
Gra. $14^{\circ} 07'$ East.
- 40.18 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. as N. face, dug pits $18 \times 18 \times 12$ ins. E. ^{and} W. of post, $5\frac{1}{2}$ ft. dist., and raised a mound of earth, $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 80.37 The Cor. to Secs. 16, 17, 21 ^{and} 21.
Land rolling.
Soil 2nd rate.
Vegetation of Bunchgrass.

Township

17th N.

Range

29th E.

G. M. S. R.

Meridian.

Chains

North, between Sections 16 and 17.

Variation

14° 09'

East.

Ascend.

34.50

Top of Ridge, bear N. E. ^{or} S. W. ^{and} descend.

40.00

Set a post, 3 ft. long, 3 in. square, with
marked stone, 12 in. in the ground, for ^{the}
Sec. cor., marked "4 S. on N. face, and
pits 18 x 18 x 12 in. N. ^{and} S. of post,
5 ft. dist, and raised a mound of
earth, 1 ft. high, 3 ft. base around post.

63.40

Cross Wash, 10 lks. wide, course N. E. ^{and} ascend.

80.00

Set a post, 4 ft. long, 4 in. square, with
marked stone, 12 in. in the ground, for
Cor. to Secs. 8, 9, 16 ^{and} 17, marked

S. 17 N., S. 9 on N. E.

R. 28 E., S. 16 on S. E.

S. 17 on S. W. ^{and}

S. 8 on N. W. face, with 4 notches on

S. ^{and} E. edges, and pits 18 x 18 x 12 in.in each Sec., 5 ft. dist, ^{and} raised

a mound of earth, 2 ft. high, 4 ft.
base around post.

Road rolling.

Soil 2nd rate.

Vegetation of bunchgrasses.

Township

17 N,

Range

28 E,

G. & S. R.

Meridian.

Chains

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

Variation

14° 07'

East.

Occurs.

40.00 Set temporary 1/4 Sec. Cor.

79.89 Intersect N. 1/4 S. line, 7 lks. North of Cor.
to Secs. 9, 10, 15 and 16,

from which Cor. True

N. 89° 57' W. on a true line, bet. Secs. 9 and 16.

(Var. 14° 07' East.

39.94 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for
1/4 Sec. Cor. marked 1/4 W. on N. face,
dig pits 18 x 18 x 12 ins., E. 2 in W. of post,
5 1/2 ft. dist., and raised a mound of
earth, 1 1/2 ft. high, 3 1/2 ft. base around post.

79.89 The Cor. to Secs. 8, 9, 16 and 7.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrasses.

Timber of Cedar.

Township 17 N., Range 28 E.,
S. M. S. R. Meridian.

Chains

North, between Sections 8 and 9.

Variation 14° 07' East.

Locand.

- 11.10 Top of Spur, near N.W. $\frac{1}{4}$ S.E. $\frac{1}{4}$ descend.
- 31.20 Cross Gulch, 10 lks. wide, course S.E. $\frac{1}{4}$ ascend.
- 40.00 Set a sandstone, 16 x 14 x 8 ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., unmarked $\frac{1}{4}$ on W. face, dug pits 18 x 18 x 12 ins., N. $\frac{1}{4}$ S. of stone, 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base along line.
- 53.00 Top of Ridge, near E. $\frac{1}{4}$ W. $\frac{1}{4}$ descend.
- 57.20 Cross Gulch, 10 lks. wide, course E. $\frac{1}{4}$ ascend.
- 74.80 Top of Ridge, near N.E. $\frac{1}{4}$ S.W. $\frac{1}{4}$ descend.
- 80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Cor. to Secs. 4, 5, 8 and 9, marked S. 17 N., S. 4 on N.E. R. 28 E., S. 9 on S.E. S. S on S.W. $\frac{1}{4}$ S. S on N.W. faces, with 5 notches on S. and 4 notches on E. edges; dug pits 18 x 18 x 12 ins. in each Sec., 5 ft. dist., and raised a mound of earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base around post. Land rolling. Soil 2 nd rate. Vegetation of Runaligrass. Timber of Cedar.

Township

17 N,

Range

28 E,

S. & S. R.

Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascend.

35.00 Top of Spur, Pass N. 30° W. and S. 30° E.

and ascend.

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.80.17 Intersect N. & S. line, 50 lks. South of
Cor. to Secs. 3, 4, 9 & 10.

Hence I run

S. $89^{\circ} 39'$ W. on a true line, bet. Secs. 4 & 9.Gra. $14^{\circ} 07'$ East.

40.08 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for $\frac{1}{2}$
Sec. Cor., & marked 14° W. on N. face, any posts
 $18 \times 18 \times 12$ ins., E. & W. of post, 5 ft.
dist., and raised a mound of earth,
1 ft. high, 3 ft. base around post.

80.17 The Cor. to Secs. 8, 9, 4 & 5.

Land rolling.

Soil 2nd rate.

Vegetation of Runchgrasses.

Timber of Cedar.

I carefully examined my Compass and
found it to be correct.

Township

17th N.

Range

28th E.

G. & S. R. Meridian.

Chains

North, on a random line between Sections 4 and 5.

Variation 14° 07'

East.

Ascend.

22.00 Top of Ridge, bears N. 20° E. $\frac{1}{2}$ S. 20° W. $\frac{1}{2}$ descend.34.00 Cross Wash, 5 lks. wide, course E. $\frac{1}{2}$ ascend.

40.00 Set temporary 1/4 Sec. Cor.

50.12 Intersect North boundary of 5th P., 26 lks. Westof Cor. to Secs. 4, 5, 32 on 33, ^{recently} ~~wholly in~~~~estate, ^{marked by me} post, 4 ft. long, 4 ins. square, with marked~~~~stake, 12 ins. in the ground, marked~~~~S. 15 N., S. 33 on N. E.; R. 28 E., S. 4 on S. E.;~~~~S. 17 N., S. 5 on S. W. $\frac{1}{2}$ S. 32 on N. W. faces~~~~with 4 notches on E. $\frac{1}{2}$ 2 notches on W. edges,~~~~with pits 18 x 18 x 12 ins. in each Sec., 5th ft.~~~~dist. and a mound of earth, 2 ft. high,~~~~5th ft. base around post. Hence I run~~~~S. 11° W. on a true line, bet. Secs. 4 $\frac{1}{2}$ 5.~~

Var. 14° 07' East.

40.12 Set a post, 3 ft. long, 3 ins. square, with marked

stake, 12 ins. in the ground, for 1/4 Sec. Cor, marked on

N. E. on N. face, dug pits 18 x 18 x 12 ins., 4th $\frac{1}{2}$ S.of post, 5th ft. dist. and raised a mound ofearth, 1st ft. high, 3rd ft. base around post.50.12 The Cor. to Secs. 4, 5, 8th $\frac{1}{2}$ 9.Land rolling. Soil, 2nd rate.

Vegetation of Bushy grass. Trunks of Cedar.

W. M. Harlan, Compassman. Nov. 16th 1882.

Township

17 N,

Range

28 E,

G. & S. R. Meridian.

Chains

From the Cor. to Secs 5, 6, 31th & 32, on S. R. of T. 17 N, recently established by me - which is a post, 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, marked S. 17 N, S. 32 on N. E.; R. 28 E, S. 5 on S. E.; S. 16 N, S. 6 on S. W. & S. 31 on N. W. faces, with 5 notches on E. & W. notches on W. edges, with pits 18 x 18 x 12 ins. in each Sec, 5th ft. dist, and a mound of earth, 2 ft. high, 4th ft. base around post. Iron

North between Secs. 31th & 32.

Gr. 14° 15' East.

Record.

40.00

Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for 4th Sec Cor, marked N. 4 S. on W. face, dug pits 18 x 18 x 12 ins. N. & S. of post, 5th ft. dist, and raised a mound of earth, 1st ft. high, 3rd 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. 29, 30, 31th & 32, marked S. 17 N, S. 29 on N. E.; R. 28 E, S. 32 on S. E.; S. 31 on S. W. & S. 30 on N. W. face, with 4 notches on E. & W. notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec, 5th ft. dist, and raised a mound of earth, 2 ft. high, 4th ft. base around post. Land rolling. See's 2nd note.

Vegetation of *Bunchgrass*. *Trifolium* & *Cedrus*.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascend.

40.00 Set temporary 1/4 Sec. Cor.

70.50 Top of Ridge, near N. ^{2nd} S. ^{2nd} descend.79.74 Intersect N. ^{2nd} S. line, 27 lks. North of Cor.to Secs. 28, 29, 32 ^{2nd} 33,

from which Cor., run

N. $69^{\circ} 48'$ W. on a true line, bet. Secs. 29 ^{2nd} 32.Var. $14^{\circ} 07'$ East.

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

79.74 The Cor. to Secs. 29, 30, 31 ^{2nd} 32.

Land rolling.

Soil 2nd rate.

Vegetation of Ranchgrass.

Timber of Cedar.

H. A. Cor., November 17th 1882.

Township

17 N,

Range

28 E,

C. & N. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.*Descend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.93 Intersect West boundary of T^p, 17 Chs. North
of Cor. to Secs. 25, 30, 31 and 36,

Hence I run

N. $89^{\circ} 53'$ E. a true line, bet. Secs. 30 and 31.Var. $14^{\circ} 07'$ East.39.93 Set a post, 3 ft. long, 3 ins. square with marked
stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor.,
marked $\frac{1}{4}$ S. on N. face, dug pits $18 \times 18 \times 12$ ins.
E. & W. of post, 5 $\frac{1}{2}$ ft. dist., and raised a
mound of earth $1\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
around post.

79.93 The Cor. to Secs. 29, 30, 31 and 32.

Land rolling.

Soil 2nd rate.

Vegetation of Bushy grass.

Timber of Cedar.

M. M. Starlaw Compassman.

November 17th 1882.

Township

17 N.

Range

28 E.

S. 2d S. R. Meridian.

Chains

North, between Sections 29 and 30.

Variation $14^{\circ} 07'$ East.

Ascend.

40.00 Set a post, 3 ft. long, 3 ins. square, with marked
stave, 12 ins. in the ground, for $\frac{1}{4}$ Sec. cor,
quarter $\frac{1}{4}$ S. on W. face, dug pits $18 \times 18 \times 12$ ins.,
 $\frac{1}{4}$ S. of post, 5 ft. dist, and raised a
mound of earth, 1 ft. high, 3 ft. base
around post.

80.00 Set a post, 4 ft. long, 4 ins. square, with
marked stave, 12 ins. in the ground, for
cor. to Secs. 19, 20, 29 & 30, marked
C. 17 N., S. 20 on N.E.
R. 28 E., S. 29 on S.E.
S. 30 on S.W. and
S. 19 on N.W. faces, with 2 notches on S.
and 5 notches on E. edges, dug pits
 $18 \times 18 \times 12$ ins. in each Sec, 5 ft. dist,
and raised a mound of earth, 2 ft. high,
4 ft. base around post.
dand rolling.
Soil 2nd rate.
Vegetation of Bunchgrass.
Timber of Cedar.

Township

17 N,

Range

28 E,

G. M. V. R.

Meridian

Chains

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

Variation $14^{\circ} 07'$

East.

*Discuss.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.St. 24 Intersect N. $\frac{1}{2}$ S. line, 11 Chs. South of
Cor. to Secs. 20, 21, 28 $\frac{1}{2}$ 29,

thence I run

S. $89^{\circ} 55' W$, and true line, bet. Secs. 20 $\frac{1}{2}$ 29,
tra. $14^{\circ} 07'$ East.40.12 Set a post, 3 ft. long, 3 ins. square, 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. $\frac{1}{2}$ 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.St. 24 The Cor. to Secs. 19, 20, 29 $\frac{1}{2}$ 30.

Land rolling.

Soil 2nd rate.

Timber of Cedar.

Vegetation of Bunchgrass.

A. C. Cor., Monument 17th 1852,

Township 17 N., Range 28 E.,
S. $\frac{1}{2}$ S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Records.

- 19.60 Top of Spur, from N.E. $\frac{1}{4}$ S.W. $\frac{1}{4}$ descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 79.38 Intersect West boundary of Sp., 31 lks. South
of Cor. to Secs. 19, 24, 25 and 30,
thence I run
S. $89^{\circ} 47'$ E. via true line, bet. Secs. 19 and 30.
Var. $14^{\circ} 07'$ East.
- 39.38 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for
 $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face,
aug. pits $18 \times 18 \times 12$ ins. E. $\frac{1}{4}$ W. of
post, 5 $\frac{1}{2}$ ft. dist., and raised a mound
earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base around post.
- 79.38 The cor. to Secs. 19, 20, 29 and 30.
Sand rolling.
Soil 2nd rate.
Timber of Cedar.
Vegetation of Bunchgrass.
W. M. Harlan, Compassman.
Monmouth 17th 1882.

Township

17 N.

Range

28 E.

G. W. S. R.

Meridian.

Chains

North, between Sections 19 and 20.

Variation $14^{\circ} 07'$ East.

Ascends.

- 40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $1/4$ Sec. Cor., marked $1/4$ S. on W. face, dug pits $18 \times 18 \times 12$ ins. N. 2^{nd} 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. 17, 18, 19 2^{nd} S., marked
 S. 17 N., S. 17 on N. E.
 R. 28 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, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5 \frac{1}{2}$ ft. dist., and raised a mound of earth, $2 \frac{1}{2}$ ft. high, $4 \frac{1}{2}$ ft. base around post.
- Land rolling.
 Soil 2^{nd} rate.
 Timber of Cedar.
 Vegetation of Bunchgrass.

Township

17th N.

Range

28th E.

S. W. P. R.

Meridian.

Chains

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

Variation $14^{\circ} 09'$ East.

Descend.

22.60 Cross Gulch, 10 lks. wide, course S. 30° E. and ascend.

31.00 Top of Spur, from N. and S. and descend.

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

48.30 Cross Gulch, 6 lks. wide, course S. and ascend.

72.00 Top of Spur, from N. and S. and descend.

79.92 Intersect N. and S. line, 29 lks. North of
Cor. to Secs. 16, 17, 20 and 21,

Hence run

S. $89^{\circ} 48'$ W. on a true line, bet. Secs. 17 and 20.Var. $14^{\circ} 09'$ East.79.96 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for $1/4$
Sec. Cor., marked $1/4$ C. on N. face, dug
pits $18 \times 18 \times 12$ ins., E. and W. of post,
 $5 1/2$ ft. dist., and raised a mound of
earth, $1 1/2$ ft. high, $3 1/2$ ft. base around post.

79.92 The Cor. to Secs. 17, 18, 19 and 20.

Land rolling.

Soil 2nd site.

Vegetation of Bunchgrass.

H. A. Coe, November 17th 1882.

Township 17 N. Range 28 E. Meridian S. 42° S. R.

Chains

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

Variation $14^{\circ} 07'$ East.*Descend.*

40.00 Set temporary 1/4 Sec. Cor.

64.00 Cross Low Sag, course N. and S. and ascend.

90.00 Top of Ridge, bears N. and S. and descend.

79.76 Intersect West boundary of Twp., 10 lks. South
of Cor. to Secs. 18, 19 and 20,
thence I run

S. $89^{\circ} 54'$ E. on a true line, bet. Secs. 18 and 19.Va. $14^{\circ} 07'$ East.

39.76 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for
1/4 Sec. Cor., marked 1/4 C. as N. face, dug
pits 18 x 18 x 12 ins. E. and W. of post, 5 ft.
distant, and raised a mound of earth,
1 1/2 ft. high, 3 1/2 ft. base around post.

77.76 The Cor. to Secs. 17, 18, 19 and 20.

Land rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Scarcely examined the adjustments
of my Solar Compass today and found
them correct.

W. W. Harlan, Compassman.

November 19th 1882.

17th W.28th E.S. 4th S. R.

Meridian.

Chains

North, between Sections 17 and 18.

Variation

14° 07'

East.

Ascend.

- 34.75 Top of Ridge, near N. 30° E. 2nd S. 30° W. 2nd descent.
- 40.00 Set a post, 3 ft. long, 3 in. square, with marked stone, 12 in. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on N. face, dug pits 15 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. base around post.
- 44.00 Cross Wash, 5 lks. wide, course S. E. ascend.
- 80.00 Set a post, 4 ft. long, 4 in. square, with marked stone, 12 in. in the ground, for Cor. to Secs. 7, 8, 17th & 18, unmarked S. 17 N. S. 2 on N. E.
R. 28 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, dug pits 15 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. base around post.
Land rolling.
Soil, 2nd rate.
Vegetation of Bluegrass.
Timber of Cedars.

Township

17th

Range

28thE. 4th S. R.

Meridian.

Chains

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

Variation

14° 07'

East.

Descend.

40.00 Set temporary 1/4 Sec. Cor.

44.70 Cross Wash, 5 lks. wide, course S. E. and
ascend.62.20 Top of Ridge, near M. E. 2nd S. W. 2nd descend.80.12 Intersect N. 2nd S. line, 31 lks. South of
Cor. to Secs. 8, 9, 16 2nd 17,

from which Cor. run

S. 89° 47' W. on a true line, bet. Secs. 8 2nd 17,

Var. 14° 07' East.

40.06 Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for
1/4 Sec. Cor, marked 1/4 S. or N. line,
dig pits 18 x 18 x 12 ins., E. 2nd W. of
post, 5 1/2 ft. dist., and raised a mound
of earth, 1 1/2 ft. high, 3 1/2 ft. base
around post.80.12 The Cor. to Secs. 9, S. 17 2nd 18.

Sand rolling.

Soil 2nd rate.

Vegetation of Bushy grasses.

Timber of Cedar.

H. A. Cor. November 17th 1882.

Township 17 N. Range 28 E.
S. 4th S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascend.

0.00 Top of Ridge, bears $N. 20^{\circ} W.$ 2^{d} $S. 20^{\circ} E.$
 and descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.69 Intersect West boundary of $\frac{1}{4}$ pr., 18 lks.
 North of Cor. to Secs. 7, 12, 13 and 18,
 thence run

$N. 89^{\circ} 52' E.$ on a true line, bet. Secs. 7th & 18.

$Mag. 14^{\circ} 07'$ East.

39.69 Set a post, 3 ft. long, 3 in's. square, with
 marked stem, 12 in's. in the ground, for
 $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face,
 dug pits $15 \times 15 \times 12$ in's. E. and W. of
 post, 5 in ft. dist, and raised a
 mound of earth, 1 in ft. high, 3 in ft.
 base around post.

79.69 The Cor. to Secs. 7, 8, 17th & 18.

Sand rolling.

Soil 2nd rate.

Vegetation of Bunchgrass.

Tumors of Cedar.

W. W. Haslam. Compassman.

Monmouth 17th 1882.

Township

17 N,

Range

28 E

G. M. S. R.

Meridian.

Chains

North, between Sections 7 and 8.

Variation

14° 07'

East.

Ascend.

48.00

Set a post, 3 ft. long, 3 ins. square, with
marked stone, 12 ins. in the ground, for $\frac{1}{4}$
Sec. cor., marked $\frac{1}{4}$ S. on W. face, dug pits
16 x 16 x 12 ins. N. & S. of post, 5 $\frac{1}{2}$ ft. dist.,
and raised a mound of earth, 1 $\frac{1}{2}$ ft. high,
3 $\frac{1}{2}$ ft. base around post.

45.50

Top of Ridge, near E. & W. line descend.

80.00

Set a post, 4 ft. long, 4 ins. square, with
marked stone, 12 ins. in the ground, for
Cor. to Secs. 5, 6, 7 & 8, marked
S. 17 N., S. 5 on N. E.

R. 28 E., S. 8 on S. E.

S. 7 on S. W. and

S. 6 on N. W. face, with 5 notches on S. &
E. edges, dug pits 18 x 16 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 2nd mte.Vegetation of *Bunchgrass*.

Timber of Cedar.

Township 17 N. Range 28 E.
S. M. S. R. Meridian.

Chains East, on a random line between Sections 5 and 8.
 Variation 14° 07' East.

Descend.

- 29.00 Cross low Sag, Trans M. ^{4th} S. ^{4th} Sec. descend.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 72.50 Top of Ridge, Trans M. ^{4th} S. ^{4th} Sec. descend.
- 81.29 Intersect M. ^{4th} S. line, 15 lks. North of
 Cor. to Secs. 4, 5, 8 ^{and} 9,
 Hence Iron
 N. 69° 54' W. on true line, bet. Sec. 5 ^{and} 8.
 Var. 14° 07' East.
- 40.14 Set a post, 8 ft. long, 3 ins. square,
 with marked stone, 12 ins. in the
 ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on
 N. face, dug pits 18 x 18 x 12 ins. E. ^{and} W.
 of post, 5 $\frac{1}{2}$ ft. dist., and raised a
 mound of earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft.
 base around post.

80.29 The Cor. to Secs. 5, 6, 7 ^{and} 8.

Land rolling.

Soil 2nd rate.

Vegetation of Bluegrass.

Trunks of Cedars.

Thoroughly examined my Compass and
 found it correct.

A. A. Cor, November 17th 1882.

Township 17 N. Range 28 E.
 S. W. S. R. Meridian.

Chains

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

Variation $14^{\circ} 07'$ East.

Ascend.

- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 79.59 Intersect West boundary of Sp. 2 lks. N. of Cor. to Secs. 1, 6, 7 and 12.
 Hence I run $21.89^{\circ} 51' E.$ a true line bet. Secs. 6 and 7.
 Var. $14^{\circ} 07'$ East.
- 39.59 Set a post, 3 ft. long 3 in. square, with marker stone, 12 in. in the ground, for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ S. on N. face, dug pits $18 \times 14 \times 12$ in. E. and W. of post, $5\frac{1}{2}$ ft. dist, and raised a mound of earth, $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 79.59 The Cor. to Secs. 5, 6, 7 and 8.
 Sand rolling.
 Soil 2nd rate.
 Vegetation of. Bunchgrasses.
 Timber of Cedar.

Township

17 N.

Range

28 E.

S. 1/4 Sec. 1. R.

Meridian.

Chains

North, on a random line between Sections 5 and 6.

Variation 14° 07' East.

Decend.

9.50 Cross low Sag, course N. 60° E. 1/4 Sec. 60° N. 1/4 Sec. 200 rods.

31.40 Cap of Ridge, course N. 60° E. 1/4 Sec. 60° N. 1/4 Sec. 200 rods.

40.00 Set temporary 1/4 Sec. Cor.

79.97 Intersect North boundary of T. 17 N., R. 28 E. West
of Cor. to Secs. 5, 6, 31 and 32, ~~marked as a~~ ^{regularly established}

~~post, 4 ft. long, 4 ins. square, with marked
stone, 12 ins. in the ground, marked S. 18 N., S. 32 on
N. E.; R. 28 E., S. 5 on S. E.; S. 17 N., 1/4 Sec. 6 on S. W.
and S. 31 on N. W. faces, with 5 notches on E.
and 1 notch on W. edges, with pits 18 x 18 x 12 ins.
in each Sec., 5 1/2 ft. dist., and a mound of
earth, 2 ft. high, 1 1/2 ft. base around post
thence True~~

S. 20° W. on a true line, bet. Secs. 5 and 6,

Var. 14° 07' East.

39.97 Set a post, 3 ft. long, 3 ins. square, with marked
stone, 12 ins. in the ground, for 1/4 Sec. Cor., mark
1/4 Sec. on W. face, dug pits 18 x 18 x 12 ins. N. 60° E.
of post, 5 1/2 ft. dist., and raised a mound
of earth, 1 1/2 ft. high, 3 1/2 ft. base around post.

79.97 The Cor. to Secs. 5, 6, 7 and 8.

Land rolling. Soil 2nd rate.

Vegetation of Bemis grass, Under of Cedars
W. 24. Hardan, Comprehension, Nov 27th 1852.

BOOK 273
GENERAL DESCRIPTION.

The generally character of the land in this Township is rolling, with low ridges crossing it in various directions. The soil is 2nd rate, of a sandy formation, producing an abundant growth of various kinds of grass, which renders it valuable for grazing purposes. Several small streams flow through the Township.

Cedar and Pine timber are found in various sections.

There is a settlement in Sec. 21, the claims and improvements belonging to Mr. Huanes.

Walford Spring is in Sec. 34.

For Final notes
See Book 13 -
Subdivision of Twp. R28E

U. S. Surveyor General's Office,

TUCSON ARIZONA,

July 31 1883

The foregoing Field Notes of the Survey of the

Subdivision Tris of
Township 17 North Range 28
East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by Henry A. Coe,

Deputy Surveyor, under his contract of the 20th

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. W. Robinson
Surveyor General.