

U. S. FIELD NOTES OF SURVEY

OF

Certain Section Lines in

N.E.T. 7 N., R. 17 W. S.B.M.

San Bernardino Meridian,

California.

	R. 17 W.						
	1	1	10 4	3	2	1	
	2 6	5					
	2 7	12 8	9 9	11 10	11	12	
	2 18	11 17	8 16	11 15	14	13	
T. 7 N.	2 19	20	7 21	6 22	23	24	T. 7 N.
	2 30	29	6 28	5 27	3 26	25	
	2 31	32	33	4 34	3 35	36	
	R. 17 W.						

Norway 1879-80

(Surveyed by W. H. Norway,
Contract of Oct. 10, 1879.
Book 320, Part 3.)

N.E. T. 7 N., R. 17 W., S.B.M.

From the corner to townships 7 and 8 North, ranges 17 and
18 West I run East on true line on north bdy. of Section 6.
Descend. Variation $14^{\circ}25'$ East.

40.00 Set post 4 inches diameter 1 ft. in earth, 1 ft. above stone
mound 4 ft. in diameter at base by 2 ft. in height for $\frac{1}{4}$ section
corner.

70.75 Cross gulch 10 lks. wide, course southwest and ascend.

80.00 Set post 4 inches square 1 foot in earth, 1 foot above stone
mound $4\frac{1}{2}$ feet in diameter at base by 2 feet in height for
corner to sections 5, 6, 31, 32, from which bears
A live oak 16 ins. dia. N. 21° W. 85 links distant.

Land mountainous.

Soil second rate.

Timber and undergrowth of oak and chaparral.

East on north boundary of section 5. Or south boundary sec. 32.
Variation $14^{\circ}25'$ East.

Ascend.

7.00 Summit of spur bears southwest and northeast and descend.

37.00 Cross head of gulch 10 links wide, course southwest.

40.00 Set post 4 inches diameter 1 foot in earth, 1 foot above stone
mound 4 feet in diameter at base by 2 feet in height for
quarter section corner and ascend gradually.

80.00 Set post 4 inches square 1 foot in earth 1 foot above stone
mound $4\frac{1}{2}$ feet in diameter at base 2 feet in height for cor-
ner to sections 5, 4, 32, 33.

Land mountainous.

Soil first and second rate.

Timber and undergrowth of oak and chaparral.

April 17, 1880.

As the range line between ranges 17 and 18 West in township 8 north has been run in a former survey to within 40.00 chains of south boundary of township 8 north, I run the line between ranges 17 and 18 west, township 7 north a random line.

From the corner to townships 6 and 7 west, ranges 17 and 18 west, I run north on random line between ranges 17 and 18 west on west boundary of sections 31, 30, 19, 18, 7, 6, of township 7 north.

Variation 14° 25' East.

I set temporary half mile and mile posts at every 40 and 80 chains and at 488.56 chains I arrive at a point 5.16 chains east of the quarter section corner between sections 31, 36, township 8 north as established in former survey which would make an error of 31.44 chains in northing and 86 links in easting per mile.

To correct this, I throw the error on the north boundary of township and from the quarter section corner between sections 31, 36, in township 8, which I find standing and agreeing with field notes, I run

South on true line between sections 31, 36.

Variation 14° 30' East.

40.00 Set post 4 inches square, 1 foot in earth 1 foot above earth mound, 4 feet in diameter at base by 2 feet in height and dug pits 24 x 18 x 12, 8 links distant at 4 angles for corner to townships 7 and 8 north, ranges 17 and 18 west, San Bernardino Meridian.

Land mountainous. Soil second rate.

Timber and undergrowth of oak and chaparral.

(Surveyed by W. H. Norway,
Contract of Oct. 10, 1879.
Book 164, Part 17.)

T. 7 N., R. 17 W., S.B.M.

From the cor. to secs. 2,3,34,35 on S.B. of Tp. 1 run
N. bet. secs. 34, 35.

Descend.

Var. 14°25' E.

- 36.00 Enter Canada, bears N.E. & S.W.
39.00 Cross gulch, 10 lks. wide, course S.W.
40.00 Set post 4 in. dia. 1 ft. in earth, 1 ft. above stone
mound 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec.
cor., from which bears a
Cottonwood 10 in. dia. N. 79° E. 200 lks. dist.
42.00 Leave Canada bears N.E. & S.W. & ascend.
80.00 Set stone 16 x 12 x 12 in stone mound, $4\frac{1}{2}$ ft. in dia. at
base by 2 ft. in height for cor. to secs. 26,27,34,35
Land mountainous. Soil 2nd rate, Timber and undergrowth
oak, cottonwood & chaparral.

T. 7 N., R. 17 W., S.B.M.

N. bet. secs. 26 and 27.

Var. 14°25' East.

Descend.

- 36.50 Enter Canada bears north E. & S.W.
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
4 ft. in dia. at base, by 2 ft. in height for $\frac{1}{4}$ sec. cor.
42.70 Crs. gulch 10 lks. wide, course S.W.
51.00 Leave Canada bears North E. & S.W. & ascend.
69.50 Summit of spur bears E. & W. & descend.
80.00 Set post 4 in. sq. 1 ft. in earth, 1 ft. above stone mound
 $4\frac{1}{2}$ ft. in at base by 2 ft. in height for cor. to secs.
22,23,26,27.
Land mountainous. Soil 2nd rate. Timber & undergrowth of
oak & chaparral.

N. bet. secs. 33, 34.

Var. 14° 25' E.

Ascend.

- 40.00 Set stone 20 x 16 x 16 in stone mound 4 ft. in dia. by 2 ft. in height for $\frac{1}{4}$ sec. cor.
- 78.00 Summit of ridge bears N.W. & S. 15° E. and descend.
- 80.00 Set stone 12 x 10 x 10 in stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for cor. to secs. 27, 28, 33, 34.
Land mountainous. Soil 2nd rate.
Timber & undergrowth of oak and chaparral.
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E. on a random line bet. secs. 27, 34.

Var. 14° 25' E.

Descend.

- 28.00 Enter Canada de la Cienaga bears N. and S.
- 29.50 Cross creek 6 lks. wide, course S.
- 32.00 Leave Canada and ascend steep mt.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 49.00 Descend into Canada.
- 53.00 Cross creek 6 lks. wide, course S.W.
- 57.50 Leave Canada bears N.E. & S.W. & ascend.
- 79.88 Int. N. & S. line 30 lks. N. of cor. to secs. 26, 27, 34, 35, from which cor. I run
N. 89° 47' W. on a true line bet. secs. 27, 34.
Var. 14° 25' E.
- 39.94 The point for $\frac{1}{4}$ sec. cor. falling on steep side hill, a place not suitable to build mound, I run W. 9.35 chs. and on E. side of creek--Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound 4 ft. in dia. at base by 2 ft. in height for witness to $\frac{1}{4}$ sec. cor., from which bears a Sycamore 10 in. dia. S. 71 $\frac{1}{2}$ ° W. 93 lks. dist.
- 79.88 The cor. to secs. 27, 28, 33, 34.
Land mountainous, except in Canada. Soil 1st & 2nd rate.

T. 7 N., R. 17 W., S.B.M.

Timber and undergrowth of oak, poplar, willow, sycamore & chaparral.

N. bet. secs. 27, 28.

Va. 14°25' E.

Along N. side of Canada de la Cienago.

- 40.00 Set stone 12 x 12 x 10 in stone mound 4 ft. in dia. at base by 2 ft. in height, for $\frac{1}{4}$ sec. cor.
- 80.00 Set post 4 in. sq. 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base, by 2 ft. in height for cor. to secs. 21, 22, 27, 28.

Land mountainous. Soil 1st & 2nd rate.

Timber and undergrowth of sycamore, chaparral.

E. on a random line bet. secs. 22, 27.

Va. 14°25' E.

Descend.

- 2.50 Enter valley bears N.W. & S.E.
- 24.00 Enter Cienago crossing same.
- 27.20 Cross creek in Cienago 10 lks. wide, course S.
- 34.00 Leave Cienago and ascend.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor. and descend.
- 60.00 A Canada.
- 80.22 Int. N. & S. line 10 lks. S. of cor. to secs. 22, 23, 26, 27 from which cor. I run S. 89°55' W. on a true line bet. secs. 22, 27.

Va. 14°25' E.

- 40.11 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor., from which bears a House N. 7 $\frac{1}{2}$ ° W. about 15.00 chs. dist. a grave N. 15° W. about 15.00 chs. dist.

80.22 The cor. to secs. 21, 22, 27, 28.
Land mountainous except in valley. Soil 1st & 2nd rate.
Timber and undergrowth of oak and sycamore and chaparral.

N. bet. secs. 21, 22.

Va. 14°25' E.

Descend.

10.50 Enter Canada bears N.W. and S.
22.25 Cross gulch 10 lks. wide, course S.E.
31.00 Leave Canada bears S.E. & N.W. and ascend.
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
4 ft. in dia. at base, by 2 ft. in height for $\frac{1}{4}$ sec. cor.
62.00 Summit of spur bears N.W. & S.E. & descend.
80.00 Set stone 20 x 16 x 10 in stone mound $4\frac{1}{2}$ ft. in dia. at
base by 2 ft. in height for cor. to secs. 15, 16, 21, 22.
Land mountainous, except in Canada.
Timber and undergrowth of oak, sycamore and chaparral.
Soil 2nd rate.

N. bet. secs. 25, 29.

Va. 14°25' E.

Descend.

80.00 Set post 4 in. sq. 1 ft. in earth, 1 ft. above stone mound,
 $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for cor. to
secs. 20, 21, 25, 29.
Land mountainous. Soil 2nd rate.
Timber and undergrowth of oak & chaparral.

E. on a random line bet. secs. 21, 25.

Va. 14° 25' E.

Ascend.

22.00 Summit of ridge bears North W. & S.E. & descend.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.86 Int. N. & S. line 24 lks. North of cor. to secs. 21, 22, 27,
28, from which cor. I run North $89^{\circ}50'$ W. on a true line
bet. secs. 21, 28.

Va. $14^{\circ}25'E$.

39.93 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound,
4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.,
from which bears a
Live oak 24 in. dia. North $16\frac{1}{2}^{\circ}$ E. 114 lks. dist.

79.86 The cor. to secs. 20, 21, 28, 29.
Land mountainous. Soil 2nd rate.
Timber & undergrowth of oak & chaparral.

North bet. secs. 20 and 21.

Va. $14^{\circ}25'E$.

60.00 Summit of ridge bearing S.W. & S.E. & set stone 20 x 16
x 12 in stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in
height for cor. to secs. 16, 17, 20, 21,
Land mountainous. Soil 2nd rate.
Timber and undergrowth of oak & chaparral.

May 12th, 1880.

E. on a random line bet. secs. 16, 21.

Va. $14^{\circ}25'E$.

Descend.

38.50 Enter Canada bears S.E. & north W.
40.00 Cross gulch 25 lks. wide, & set temp. $\frac{1}{4}$ sec. cor.
43.00 ---- Leave Canada bears North W. & S.E. & ascend.
73.00 Summit of spur bears North W. & S.E. & descend.
80.10 Int. North & S. line 12 lks. S. of cor. to secs. 15, 16, 21,

22, from which cor. I run S. 89°55'W. on a true line bet.
secs. 16, 21.

Va. 14°25' E.

40.05 The point for $\frac{1}{4}$ sec. cor. falling in wash not a suitable
place to build mound, I run W. 100 lks. and set post 4 in.
dia. 1 ft. in earth, 1 ft. above stone mound 4 ft. in
dia. at base by 2 ft. in height for witness to $\frac{1}{4}$ sec. cor.

80.10 The cor. to secs. 16, 17, 20, 21. Land mountainous, except
in Canada. Soil 1st & 2nd rate.

Timber and undergrowth of oak, sycamore & chaparral.

North bet. secs. 16, 17.

Va. 14°25' E.

Ascend.

40.00 Set stone 20 x 16 x 16 in stone mound 4 ft. in dia. at
base, by 2 ft. in height for $\frac{1}{4}$ sec. cor. on top of ridge.

62.00 Descend.

80.00 Set post 4 in. sq. 1 ft. in earth, 1 ft. above stone mound
 $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for cor. to secs.
8, 9, 16, 17.

Land mountainous.

Timber & undergrowth of oak & chaparral.

Soil 2nd rate.

E. on a random line bet. secs. 9 and 16.

Va. 14°25' E.

Ascend.

21.50 Summit of spur bears North E. & S.W. & descend.

40.00 Set temp. $\frac{1}{4}$ sec. cor. in low sag & ascend.

55.00 Summit of Liebra Mts. & descend.

79.84 Int. North & S. line 23 lks. North of cor. to secs. 9, 10,

15, 16, from which cor. I run N. 89° 50' W. on a true line
bet. secs. 9, 16.

Va. 14° 25' E.

39.92 Set post 4 in. dia. 1 ft. in earth, 1 ft. above stone
mound 4 ft. in dia. at base 4 by 2 ft. in height for $\frac{1}{4}$
sec. cor., from which bears a
Live oak 10 in. dia. N. 20° W. 84 lks. dist.

79.84 The cor. to secs. 8, 9, 16, 17.
Land mountainous. Soil 2nd & 3rd rate.
Timber & undergrowth of oak & chaparral.

N. bet. secs. 8, 9.

Va. 14° 25' E.

Ascend.

36.00 Enter Canada, bears SW. & North E.

40.00 Set post 4 in. dia. 1 ft. in earth, 1 ft. above stone
mound, 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$
sec. cor., from which bears a
sycamore 12 in. dia. North 22° E. 60 lks. dist.

41.75 Cross gulch near head of Castaque, course S.W.

43.00 Leave Canada bears North E. & S.W. & continue ascent.

47.00 Summit of Liebra Mts. bears North E. & S.W. & descend.

80.00 Set post 4 in. sq. 1 ft. in earth. 1 ft. above earth
mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height and dug
pits 24 x 18 x 12, 8 lks. dist. at 4 angles for cor. to
secs. 4, 5, 8, 9.

Land mountainous, except in Canada.

Soil 1st and 2nd rate. Timber & undergrowth of oak
sycamore & chaparral.

E. on a random line bet. secs. 4, 9.

Va. 14° 25' E.

Descend.

- 31.50 To edge of deep Canada.
- 39.00 Cross gulch, 12 lks. wide, course S.W.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 46.50 Leave Canada bears North E. & S.W.
- 70.25 Cross gulch 15 lks. wide, course North W. & ascend.
- 79.78 Int. North & S. line 38 lks. North of cor. to secs. 3, 4,
9, 10, from which cor. I run
North $89^{\circ}44'$ W. on a true line bet. secs. 4, 9,
Va. $14^{\circ}25'$ E.
- 39.89 Set post 4 in. dia. 1 ft. in earth, 1 ft. above stone mound
4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.
- 79.78 The cor. to secs. 4, 5, 8, 9.
Land mostly mountainous. Soil 2nd rate.
Timber & undergrowth of oak and chaparral.
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- N. on a random line bet. secs. 4, 5.
Va. $14^{\circ}25'$ E.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 49.15 Int. North E. of Tp. 40 lks. E. of cor. to secs. 4, 5,
from which cor. I run
S. $27'$ E. on a true line bet. secs. 4, 5.
Va. $14^{\circ}25'$ E.
- 9.15 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth
mound 4 ft. in dia. at base by 2 ft. in height and dug
pit 26 x 18 x 12, 8 lks. E. for $\frac{1}{4}$ sec. cor.
- 49.15 The cor. to secs. 4, 5, 8, 9.
Land mountainous.
Soil 2nd rate.
Timber and undergrowth of oak & chaparral.
May 13th, 1880.
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N. bet. secs. 15 & 16.

Va. 14°25'E.

80.00

Set post 4 in. sq. 1 ft. in earth 1 ft. above stone mound
4½ ft. in dia. at base by 2 ft. in height for cor. to secs.
9, 10, 15, 16, from which bears a
Live oak 24 in. dia. N. 58½° E. 175 lks. dist.
White oak 24 in. dia. S. 40½° W. 84 lks. dist.
Land mountainous. Soil 2nd rate. Timber & undergrowth
of oak & chaparral.

N. bet. secs. 9, 10.

Va. 14°25' E.

Ascend.

80.00

Set post 4 in. sq. 1 ft. in earth, 1 ft. above stone mound
4½ ft. in dia. at base by 2 ft. in height for cor. to
secs. 3, 4, 9, 10 from which bears a
White oak 36 in. dia. S. 7° W. 106 lks. dist.
Double " 16 " " S. 15° E. 96 " " Land mtns. Soil
2nd rate. Timber & undergrowth of oak and chaparral.

N. bet. secs. 17, 18.

Va. 14°25' E.

80.00

Set post 4 in. sq. 1 ft. in earth, 1 ft. above stone
mound, 4½ ft. in dia. at base by 2 ft. in height for cor.
to secs. 7, 8, 17, 18, from which bears a
Live oak 10 in. dia. North 20° W. 48 lks. dist.
Land mountainous. Soil 2nd rate.
Timber and undergrowth of oak & chaparral.

E. on a random bet. secs. 8, 17.

Va. 14°25' E.

Descend.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 48.50 Enter Canada Castaque bears North E. & S.W.
- 54.75 Cross Creek 10 lks. wide, course S.W.
- 64.00 Leave Canada North E. and S.W. & ascend.
- 79.96 Int. North & S. line 10 lks. North of cor. to secs. 8, 9, 16, 17, from which cor. I run North 89°56' W. on a true line bet. secs. 8, 17.

Va. 14°25'E.

- 39.98 Set post 4 in.dia. 1 ft. in earth, 1 ft. above stone mound 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.

- 79.96 The cor. to secs. 7, 8, 17, 18.
Land mountainous, except in Canada.
Soil 1st & 2nd rate.
Timber & undergrowth of oak, cedar, cottonwood, sycamore & chaparral.

May 14th, 1880.

N. bet. secs. 7, 8.

Va. 14°25'E.

- 80.00 Set post 4 in.sq. 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for cor. to secs. 5, 6, 7, 8, from which bears a Live oak 10 in.dia., North 14 $\frac{1}{2}$ ° W. 78 lks. dist.
Land mountainous. Soil 2nd rate.
Timber & undergrowth of oak & chaparral.

E. on a random line bet. secs. 5, 8.

Va. 14°25' W.

Along summit of Liebra Mts.

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

79.64 Int. N. & S. line 28 lks. S. of cor. to secs. 4, 5, 8, 9,
from which I run

S. 89°48' W. on a true line bet. secs. 5, 8.

Va. 14°25' E.

39.82 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.

79.64 The cor. to secs. 5, 6, 7, 8.

Land mountainous. Soil 2nd rate.

Timber & undergrowth of oak and chaparral.
