

FILED DATA NO. 9105

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

The attached notes are for lines shown red
 Red figures show page numbers

U.S. Geol. Surv. Field Notes T.4N. R.16W

T. 4 N., R. 16 W. S.B.M.

From the cor. to secs. 7, 12, 13, 18, on the E.B. of the Tp.
I run

West on true line bet. frac. secs. 12 & 13.

Va. 14°40'E.

40.00 Set an oak post 3 x 3 in. 3 ft. long in a mound of rocks as
ins. for $\frac{1}{4}$ sec. cor.

52.60 Int. the E.B. of the Rancho San Francisco and set a wild cherry
post 4 x 4 in. 3 $\frac{1}{2}$ ft. long in a mound of rocks on sidehill,
facing W. as ins. for cor. to frac. secs. 12 and 13,
From this cor. I run

S. 41°E. along the NE. bdy. of said rancho

Va. 14°40'E.

80.54 To cor. No. 7 of the final survey of said rancho.
Land rolling, 2nd. rate grazing.

From the true cor. to secs. 1, 12, 6, 7 on the E.B. of the Tp.

I run

West on true line bet. secs. 1 and 12.

Va. 14°40'E.

1.50 Leave wash course S. Ascend.

18.00 Leave valley bearing NE. & SW. & ascend hill.

24.50 Summit of hill, thence over same.

38.50 Descend steep rocky bluff.

40.00 Foot of bluff enter valley bearing N. & S. and set a white oak
post 3 x 3 in. 3 ft. long in a large mound of rocks, on the E.
side of valley at foot of high bluff as ins. for $\frac{1}{4}$ sec. cor.

43.50 Cross gulch 1.00 ch. wide, course S.

56.00 Leave valley and ascend hills, bearing N. & S.

75.50 Summit of spur bearing NW. & SE.

80.00 Set a granite rock 16 x 12 x 6 in. in a mound of rocks as ins.
for cor. to secs. 1, 2, 11, 12.

Land over high hills, valley 1st. rate, hills 2nd. rate with
scattering timber, wild cherry and live oak.

Nov. 24-1876.

South on true line bet. secs. 11 and 12.

Va. 14°40'E.

31.00 Enter valley, thence down same.

40.00 Set a cottonwood post 3 x 3 in. 3 ft. long in a mound of rocks
as ins. for $\frac{1}{4}$ sec. cor. on the W. side of small valley coming
from the N.

48.70 Set a cottonwood post 4 x 4 in. 3 $\frac{1}{2}$ ft. long in a mound of
rocks on side hill facing SE. as ins. for cor. to frac. secs. 11 & 12.

From the cor. to secs. 1, 2, 11, 12, I run

North on random line bet. secs. 1 and 2

9/7/65 (Plot is in error).

Va. 14°40'E.

28.00 Cross gulch 50 lks. wide course SE. Ascend.

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

76.75 Int. the N.B. of the Tp. 42 lks. E. of the cor., to secs. 1 & 2
from which cor. I run

S. 19°E. on true line bet. secs. 1 and 2.

Va. 14°40'E.

36.75 Set an oak post 3 x 3 in. 3 ft. long in a mound of rocks as
ins. for $\frac{1}{4}$ sec. cor.

76.75. The cor. to secs. 1, 2, 11, 12.

Land rolling, 2nd. rate and 3rd. rate, with oak timber in Canadas.

40.00 West on true line bet. secs. 2 and 11. Va. 14°40'E.
 set an oak post 3 x 3 in. 3 ft. long in mound of rocks as ins.
 for $\frac{1}{4}$ sec. cor.

41.50 Int. the NE. bdy. of the Rancho San Francisco. Set an oak post
 3 x 3 in. 3 ft. long in a mound of rocks as ins. for cor. to
 frac. secs. 2 & 11, from which cor. I run
 N. 41°W. along the line of said rancho Va. 14°40'E.

2.36 To post in stone mound marked S.F. No. 8 being cor. No. 8 of the
 final survey of said rancho.
 Land rough, 2nd. rate.

 From the true cor. to secs. 2 and 3 on the N.E. of Tp. I run
 South on true line bet. secs. 2 and 3.

Va. 14°40'E.

Ascending.

3.00 Summit of spur bearing E. & W., thence descending
 12.50 Cross small gulch course E.
 18.96 Int. the NE. bdy. of the Rancho San Francisco. Set an oak post
 3 x 3 in. 3 ft. long in a mound of rocks as ins. for cor. to
 frac. secs. 2 and 3.
 From this cor. I run
 S. 34°20'E. along the line of said rancho.

Va. 14°40'EE

67.40 To cor. No. 8 of the final survey of said rancho.
 Land rolling, 2nd. rate, grazing with oak timber in Canadas.
 This surveys all the government land in this Tp.

Nov. 25, 1876
 W. H. Norway

Vol. 164-5
 G. B. J.

 W. B. T. 4 N., R. 17 W. S. B. M.

This township being fractional, I run it S. From the corner to
 township 4 and 5 N., R. 17 and 18 W. I run S. on a true line bet-
 secs. 1 and 6.

Var. 14°25'E.

Ascend

3.00 Top of spur bears E. and W. and descend
 37.00 Cross gulch 10 lks. wide, course 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.

63.00 Summit of ridge bears E. and W.
 64.00 To edge of perpendicular bluff. Not being able to continue on the
 line, I set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound,
 4 $\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for witness to corner to
 secs. 6, 7, 1 and 12. I here run an offset line E., 5.00 chs., then S.
 16.00 chs. to a point along E. side of Wash Bluff, then W., 5.00 chs.
 to a point, from which my witness post bears N.

80.00 Set post 4 in. square, 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. 6, 7, 1 and 12.
 Land mountainous. Soil 2nd. rate.
 Timber and undergrowth of live oak and chaparral.

 S. on a true line between secs. 7 and 12.

Var. 14°25'E.

Descend.

34.50 A spring bears W. about 50 lks. dist.
 37.00 House of Del Valle, bears W. about 1.50 chs.

- 40.00 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 24 x 18 x 12, 8 lks. E. for $\frac{1}{4}$ sec. cor. inside of sheep corral of Del Valle.
- 44.50 Cross wash 25 lks. wide, course W. and ascend.
- 80.00 Set post 4 in square, 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 corner to secs. 12, 13, 7 and 18.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.
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S. between secs. 13 and 18. Var. $14^{\circ}25'E$.
Ascend.

- 20.00 Summit of spur bears N.W. and S.E.
- 29.92 Top of spur bears E. and W. and descend.
- 40.00 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 24 x 18 x 12, 8 lks. for $\frac{1}{4}$ sec. cor.
- 44.50 Cross near head of gulch, course E.
- 62.75 Cross near head of gulch, course N.E. and ascend.
- 79.00 Summit of spur bears E. and W. and descend.
- 80.00 Set post 4 in square, 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 corner to secs. 13, 24, 18 and 19.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

Dec. 2, 1879.

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- 22.73 S. between secs. 19 and 24. Var. $14^{\circ}25'E$.
Intersect the northern boundary of Rancho San Francisco, as re-surveyed by me, 271.71 chs. S., $86\frac{1}{2}^{\circ}W$. of cor. No. 11 of the final survey of said rancho.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.
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T. 4 N., R. 17 W., S. B. M.

This township being fractional, I find it necessary to begin the survey on the north boundary of the township, and run the line south, S. on a true line between secs. 1 and 2.

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

- From true corner,
- 27.50 Enter Canada, bears S.E. and N.W.
- 33.00 Leave same 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.
- 56.77 Intersect N.B. of rancho San Francisco and set post 4 in square, 1 ft. in earth, 1 ft. above stone mound, $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for corner to fractional secs. 1 and 2, from which corner I run along N. boundary of said rancho (as surveyed by me) N. $33^{\circ}45'E$. 70.10 chs., to corner to fractional sections 1 and 36, thence through Rancho San Francisco.
- 80.00 Set post 4 in square, 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 corner to secs. 1, 2, 11 and 12 inside Rancho S.F.
Land mountainous, except in Canada.
Soil 1st. and 2nd. rate. Timber and undergrowth of live oak and chaparral.

W. on a true line between secs. 2 and 11.

- Var. 14°25'E.
- 16.01 Intersect N.E. of Rancho San Francisco, 26.20 chs. S. 33°45'W. of corner to fractional secs. 1 and 2 (as re-surveyed by me) and set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound, 4½ ft. in dia. at base by 2 ft. in height for corner to fractional secs. 2 and 11.
- 22.00 Enter canada bears N.W. and S.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 ¼ sec. cor.
- 48.50 Cross gulch, 50 lks. wide, course S.E.
- 58.00 Leave canada, bears N.W. and S.E. and ascend.
- 80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound 4½ ft. in dia. at base by 2 ft. in height for corner to secs. 2, 3, 10 and 11.
- Land mountainous, except in valley. Soil 1st. and 2nd. rate.
Timber and undergrowth of live oak and chaparral.
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N. on a random line between secs. 2 and 3.

Var. 14°25'E.

Descend.

- 14.00 Enter valley bears N.W. and S.E.
- 19.75 Cross wash, 50 lks. wide, course S.E.
- Leave valley, bears N.W. & S.E. and ascend.
- 40.00 Set temporary ¼ sec. cor.
- 80.13 Intersect N.E. of Tp. 12 lks. E. of corner to secs. 2 and 3, from which corner I run S. 0°5'E. on a true line between secs. 2 and 3.
- Var. 14°25'E.
- 40.13 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 pits 24 x 18 x 12, 8 lks. E. for ¼ sec. cor.
- 80.13 The corner to secs. 2, 3, 10 and 11.
Land mountainous, except in valley.
Soil 1st. and 2nd. rate.
Timber and undergrowth of live oak and chaparral.
-

S. between secs. 10 and 11.

Var. 14°25'E.

Ascend.

- 6.00 Top of ridge bears E. and W. and descend.
- 17.00 A house bears E. about 15.00 chs. dist.
- 32.00 Cross gulch 10 lks. wide, course E.
- 40.00 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 24 x 18 x 12, 8 lks. E. for ¼ sec. cor. and ascend.
- 59.50 Summit of spur bears E. and W. and descend.
- 67.50 Top of rough spur, thence along same.
- 80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above earth mound 4½ 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 corner to secs. 10, 11, 14 and 15.
- Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.
-

As the line between secs. 11 and 14 will strike the N.W. boundary of Rancho San Francisco in less than 80.00 chs., I therefore run it a true line E. on a true line between secs. 11 and 14.

Var. 14°25'E.

9.74 Intersect N.W. boundary of Rancho San Francisco and set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for corner to fractional sections 11 and 14, from which corner I run along N.W. boundary of said Rancho (as re-surveyed by me) N. $33^{\circ}45'$ E., 95.12 chs. to corner to fractional secs. 2 and 11.
Land mountainous. Soil 1st. and 2nd. rate.
Timber and undergrowth of live oak and chaparral.
June 2, 1880.

From the cor. to secs. 10, 11, 14 and 15, I run S. between secs. 14 and 15.

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

Descend.

12.80 Intersect N.W. boundary of Rancho San Francisco, and set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for corner to fractional secs. 14 and 15, from which corner I run along N.W. boundary of said Rancho (as re-surveyed by me) N. $33^{\circ}45'$ E. 14.94 chains to corner to fractional secs. 11 & 14.
Land mountainous! Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

From the corner to secs. 10, 11, 14 and 15, I run W. on a true line between secs. 10 and 15.

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

Over broken ridges and spurs.

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.
69.50 Enter valley bears N. and S.
72.25 Cross wash, 75 lks. wide, course S.
73.00 Cross road, bears N. and S.
80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for corner to secs. 9, 10, 15 and 16.
Timber and undergrowth of live oak and chaparral..
Land mountainous, Soil 2nd. rate.

S. between secs. 15 and 16.

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

Down Canada San Martini

15.00 Cross road bears N. 10° E. and S. 10° W.
18.00 Enter wash of Canada, then down same.
31.00 Leave same and ascend.
35.00 Cross road bears N. 10° W. and S. 10° 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.
80.00 The point for corner to secs. 15, 16, 21 and 22, falling in deep wash, a place not suitable to build mound, I continue S. 39 lks. and set post 4 in. square, 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 witness post to said corner.
Land mostly in Canada. Soil 1st. rate.
Timber and undergrowth of live oak and underbrush.

E. on a true line between secs. 15 and 22.

Var. 14°25'E.

1.50 Enter Canada San Martini, bears N. and S.
2.60 Cross wash in same, 50 lks. wide, course S.
15.00 Leave Canada, bears N. and S. and ascend.
36.68 Intersect N.W. boundary of Rancho San Francisco, 6,50 chs. N. 33°
45'E. of corner No. 10 of the final survey of said Rancho and set
post 4 in. square, 1 ft. in earth, 1 ft. above stone mound 4½ ft. in
dia. at base by 2 ft. in height for corner to fractional secs. 15 & 22.
Land rolling valleys, mountainous elsewhere.
Soil 1st. and 2nd. rate.
Timber and undergrowth of live oak and chaparral.

Jan. 3rd 1880

From the corner to secs. 15, 16, 21 and 22, I run S.
between secs. 21 and 22,

Var. 16°25'E.

7.65 Set post 4 in. square, 1 ft. in earth 1 ft. above earth mound, 4½ 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 corner to fractional secs. 21 and 22, from
which corner I run along N.E. of said Rancho (as re-surveyed by me)
N. 86¼° E., 33.33 chs. to corner No. 11 of the final survey of said
Rancho. Land mostly in Canada. Soil 1st. rate.
Timber and undergrowth of live oak and chaparral.

From the corner to secs. 9, 10, 15 and 16, I run N. N
between secs. 9 and 10.

Var. 14°25'E.

Descend.

37.50 Cross gulch 10 lks. wide, course S.E. and enter Canada.
38.00 Cross road and fence, bears N.W. and S.E.
40.00 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 24 x 18 x 12, 8 lks. E.
for ¼ sec. cor., from which bears
Live oak 48 in. dia. N. 88° E., 58 lks. dist.
Live oak 30 in. dia. N. 52° 50' W., 339 lks. dist.
40.50 Cross road, bears N.E. and N.W.
42.00 Leave Canada and ascend.
80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound 4½ ft.
in dia. at base by 2 ft. in height for corner to secs. 3, 4, 9 and 10.
Land rolling valley, mountainous elsewhere.
Soil 1st. and 2nd. rate. Timber and undergrowth of live oak
and chaparral.

E. on a random line between secs. 3 and 10.

Var. 14°25'E.

Ascend.

40.00 Set temporary ¼ sec. cor.
41.50 Summit of spur bears N. and S.
68.50 Summit of high ridge, bears S.E. and N.W. and descend.
78.86 Intersect N. and S. line, 21 lks. N. of corner to secs. 2, 3, 10 & 11,
from which corner I run N. 89° 51' W. on a true line between secs.
3 and 10.

Var. 14°25'E.

39.93 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 24 x 18 x 12, 8 lks. N.
for ¼ sec. cor.
79.86 The corner to secs. 3, 4, 9 and 10.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

Jan. 5th 1880.

N. on a random line between secs. 3 and 4.

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

Ascend.

- 3.50 Summit of ridge, bears E. and W. and descend.
40.00 Set temporary $\frac{1}{4}$ sec. cor.
53.00 Enter Canada, bears N.W. and S.E.
60.00 Cross wash in same, 50 lks. wide, course S.E.
75.00 Leave Canada, bears N.W. and S.E. and ascend.
79.88 Intersect N.B. of Tp., 17 lks. W. of corner to secs. 3 and 4, from
which corner I run $S.0^{\circ}7'W.$ on a true line between secs. 3 and 4.
Var. $14^{\circ}25'E$.
- 39.88 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 24 x 18 x 12, 8 lks.
E. for $\frac{1}{4}$ sec. cor.
- 79.88 The corner to secs. 3, 4, 9 and 10.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

Jan. 5th, 1880

From the corner to secs. 15, 16, 21 and 22, I run W. on a true
line between secs. 16 and 21.

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

Descend.

- 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.
- 46.50 Enter Canada, bears N. and S.
50.70 Cross gulch 10 lks. wide, course S.
58.00 Leave Canada, bears N. and S., and ascend.
80.00 Set post 4 in. square, 2 ft. in earth, 2 ft. above for corner to
secs. 16, 17, 20 and 21
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

S. between secs. 20 and 21.

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

- 12.89. Intersect N.B. of Rancho San Francisco, (as re-surveyed by me) and
set post 4 in. square, 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 corner to fractional sections 20 and
21, from which corner I run $N. 86\frac{1}{4}^{\circ} E., 80.17$ chs. to corner to
secs. 21 and 22.

Land mountainous. Soil 2nd. rate.

Timber and undergrowth of live oak and chaparral.

From the corner to secs. 16, 17, 20 and 21, I run N. between
secs. 16 and 17.

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

Descend.

- 27.50 Enter Canada, bears E. and W.
31.00 Cross gulch 50 lks. wide, course E.
37.50 Leave Canada, bears E. and 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. and continue
ascent.

80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above earth mound $4\frac{1}{2}$ ft. in dia. at base 2 ft. in height and dug pits 24 x 18 x 12, 8 lks. dist. at $\frac{1}{4}$ angles for corner to secs. 8, 9, 16 and 17.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.
Jan. 6th. 1880

E. on a random line between secs. 9 and 16.
Var. $14^{\circ}25'E$.

Ascend.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
41.50 Summit of spur bears N. & S. & descend.
79.82 Intersect N. & S. line 27 lks. N. of corner to secs. 9, 10, 15 & 16, from which corner I run N. $89^{\circ}49'W$. on true line between secs. 9 & 16.
Var. $14^{\circ}25'E$.

39.91. 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 pits 24 x 18 x 12. 8 lks. N. for $\frac{1}{4}$ sec. cor.
79.82 The corner to secs. 8, 9, 16 and 17.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

N. between secs. 8 and 9.
Var. $16^{\circ}25'E$.

Ascend.

20.00 Summit of spur bears E. and W. and descend.
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.
56.00 A valley bears E. and W.
60.75 Cross gulch 20 lks. wide, course S. E.
75.00 Cross gulch 15 lks. wide, course S. E. and ascend
80.00 Marked a double live oak tree, 48 in. dia., for corner to secs. 4, 5, 8 and 9.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

E. on a random line between secs. 4 and 9.
Var. $14^{\circ}25'E$.

Along S. slope of high mountain.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
55.00 A house bears S. about 18.00 chs. dist.
80.00 Intersect N. and S. line 10 lks. N. of corner to secs. 3, 4, 9 and 10, from which corner I run N. $89^{\circ}56'W$. on a true line between secs. 4 & 9.
Var. $14^{\circ}25'E$.

40.00 The point for $\frac{1}{4}$ sec. cor. falling in deep wash, a place not suitable to build mound I proceed 1.90 chs. W. and 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 24 x 18 x 12, 8 lks. N. for witness post to $\frac{1}{4}$ sec. cor.
80.00 The corner to secs. 4, 5 & 9.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

N. on a random line between secs. 4 and 5.
Var. $14^{\circ}25'E$.

Along E. side of Canada and E. side of lands claimed by H. H. Turner.

11.00 Leave Canada and ascend. 726
16.50 Enter Canada, bears N. E. and S. W. 1089

1170
1176
129.36

N. bet 4 & 5

- 19.75 Leave same and ascend. 1303.5
- 25.00 H.H. Turner's house, bears W. about 18.00 chs. dist. 1650
- 40.00 Summit of high spur, bears N.W. and S.E., set temporary $\frac{1}{4}$ sec. cor., and descend. 2640
- 78.00 A Canada bears E. and W. 5148 Does not say he crosses it -
- 79.96 Intersect N.E. of Tp. 14 lks. W. of corner to secs. 4 and 5, from which corner I run $S. 0^{\circ} 06' W.$ on a true line between secs. 4 & 5.
 5277.36 Var. $14^{\circ} 25' E.$
- 39.96 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 24 x 18 x 12, 8 lks. E. for $\frac{1}{4}$ sec. cor.
- 79.96 The corner to secs. 4, 5, 8 and 9
Land rolling valleys, mountainous elsewhere.
Soil 1st. and 2nd. rate.
Timber and undergrowth of live oak and chaparral.

Jan. 7th. 1880.

From the corner to secs. 16, 17, 20 and 21, I run W. on a true line between secs. 17 and 20.

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

Ascend.

- 4.00 Summit of ridge, thence along on same.
- 40.00 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 24x18x12, 8 lks. N. for $\frac{1}{4}$ sec. cor.
- 46.00 Leave ridge, bears N.W. and S.E.
- 80.00 Set stone 16x12x4 in earth mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height, and dug pits 24x18x12, 8 lks. dist. at 4 angles for corner to secs. 17, 18, 19, 20.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

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

Descend.

- 18.00 Intersect N.E. of Rancho San Francisco (as re-surveyed by me) S. $86\frac{1}{2}^{\circ} W.$, 80, 17 chs. of corner to fractional secs. 20 and 21 and set post 4 in. square, 1 ft. in earth, 1 ft. above mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height and dug pits 24x18x12, 8 lks. dist. at 4 angles, for corner to fractional secs. 19 and 20.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

W. on a random line between secs. 18 and 19.

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

Along S. slope of ridge.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 78.30 Intersect W.B. of Tp., 40 lks. N. of corner to secs. 18 and 19, from which corner I run $N. 89^{\circ} 43' E.$ on a true line between secs. 18 and 19.
 Var. $14^{\circ} 25' E.$
- 38.30 Set post 4 in. dia., 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 pit 24x18x12, 8 lks. N. for $\frac{1}{4}$ sec. cor.
- 78.30 The corner to secs. 17, 18, 19 and 20.
Land mountainous. Soil 2nd. rate.
Timber and undergrowth of live oak and chaparral.

Jan. 8th. 1880.

N. between secs. 17 and 18.

Var. 14°25'E.

Descend.

40.00 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 24x18x12, 8 lks. for $\frac{1}{4}$ sec. cor.

41.50 A Canada bears E. and W.

48.60 Cross creek 3 lks. wide.

A house bears E. about 19.00 chs. dist., thence ascend

80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for corner to secs. 7, 8, 17 & 18. Land mountainous. Soil 2nd. rate.

Timber and undergrowth of live oak and chaparral.

E. on a random line between secs. 8 and 17.

Var. 14°25'E.

Descend.

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

80.28. Intersect N. and S. line, 15 lks. N. of corner to secs. 8, 9, 16 and 17, from which corner I run N. 89°54' W. on a true line between secs. 8 & 17.

Var. 14°25'E.

40.14 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.

80.28. The corner to secs. 7, 8, 17 and 18.

Land mountainous. Soil 2nd. rate.

Timber and undergrowth of live oak and chaparral..

W. on a random line between secs. 7 and 18.

Var. 14°25'E.

Ascend.

29.00 Summit of ridge, and along on same.

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

45.50 Descend from ridge

78.89 Intersect W. B. of Tp., 30 lks. N. of corner to secs. 7 and 18, from which corner I run N. 89°47' E. on a true line between secs. 7 & 18.

Var. 14°25'E.

38.89. 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 24x18x12, 8 lks. N. for $\frac{1}{4}$ sec. cor.

78.89. The corner to secs. 7, 8, 17 and 18.

Land mountainous. Soil 2nd. rate.

Timber and undergrowth of live oak and chaparral.

N. between secs. 7 and 8.

Var. 14°25'E.

Ascend.

18.00 Summit of high ridge, bears N.E. and S.W., thence along W. side.

32.80 Summit of spur bears N.W. and S.W. and descend.

40.00 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 24x18x12, 8 lks. for $\frac{1}{4}$ sec. cor.

80.00 Set post 4 in. square, 1 ft. in earth, 1 ft. above stone mound $4\frac{1}{2}$ ft. in dia. at base by 2 ft. in height for corner to secs. 5, 6, 7 and 8.

Land mountainous.

Soil 1st. and 2nd. rate.

Timber and undergrowth of live oak and chaparral.