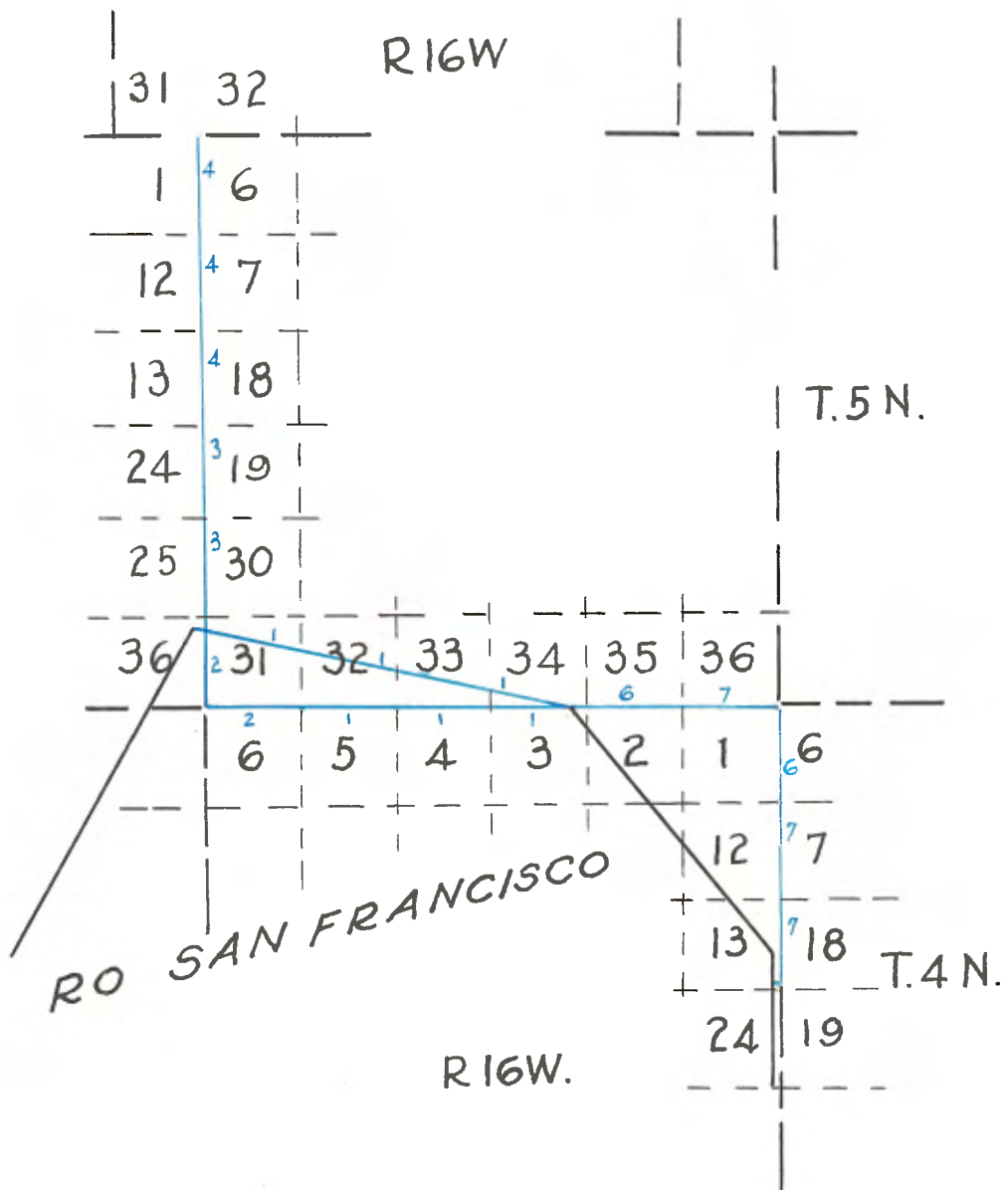


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Blue lines, run by Wm H Norway 1880.

RESURVEY OF COURSE NO. 9 OF FINAL SURVEY OF  
RANCHO SAN FRANCISCO

From post mkd S. F. 9 & S. 34 being 12.68 chs. West of  
cor. to secs. 34 & 35 of T. 5 N. R. 16 W. I run--  
N. 81° W. on a rand. line.

Var. 14°25' E.

Ascend.

30.00 Top of low ridge brs. N. & S. & descend.  
32.00 A Canada brs. N. & S.  
44.00 Cross road running through Canada brs. N. & S.  
47.50 Enter Wash of River. Co. S. W.  
53.50 Over same Co. S. W.  
55.00 Leave a stake on line.  
64.00 " Canada bears N. E. & S. W. & ascend over low  
broken spurs.  
68.00 Summit of low spur brs. N. E. & S. W.  
101.50 Summit of spur brs. N.W. & S. E.  
128.00 Summit of spur brs. N.W. & S.E.  
145.00 Summit of spur brs. N.E. & S.W.  
265.00 Summit of spur brs. S.W. & N.E. and descend.  
315.00 Enter valley of castao.  
318.90 To a point where an oak tree mkd S.F. 10 brs. S. 9° W.  
142 chs. which would make true bearing N. 81½° W.  
318.90 chs. instead of N. 81°02', 321.96 chs. as called  
for in the final survey.

Jan. 3d, 1880.

From the cor. No. 9 of final survey of Rancho San Fran-  
cisco, being 12.68 chs. West of cor. to secs. 34 & 35  
on S. B. of the Tp.

The stake I find in a md. of rocks mkd. S.F. 9 & sec.  
34 from which cor. I run--  
West on S. B. of sec. 34.

Var. 14°25' E.

Resurvey through Rancho San Francisco.

27.32 Set post 4 in. dia. 1 foot in earth 1 ft. above stone  
md. 4 ft. in dia. at base by 2 ft. in height and  
dug pit 24 x 18 x 12, 8 lks. North for 1-4 sec. cor.  
40.82 Enter valley in Canada San Francisco Brs. N. E. & S. W.  
44.07 Cross road from Newhall to Elizabeth Lake brs. N.E. & S.W.  
53.82 Enter valley wash of Canada.  
62.32 Over same co. S. W.  
64.82 Leave valley brs. N.E. & S.W. & Ascend.  
67.32 Set post 4 in. sq. 1 foot in earth 1 ft. above stone  
md. 4½ ft. in dia. at base by 2 ft. in height & dug  
pit 24 x 18 x 12, 8 lks. dist. at 4 angles for cor. to  
secs. 3, 4, 33 & 34.  
Land mountainous, except in valley.  
Soil 1st and 2d rate.  
Timber & undergrowth of Oak, Cedar & Cottonwood.

West on S. B. of sec. 33.

Var. 14°25' E.

Ascend

4443.12

S.B. T. 5 N., R. 16 W., S.B.M.

20.50 Cross ridge brs. N.W. & S.E. & descend.  
40.00 Set post 4 in. dia. 1 ft in earth 1 foot above  
stone md. 4 ft. in dia. at base by 2 ft. in height  
for 1-4 sec. cor. in small canada co. S. E. & ascend.  
54.50 A ridge brs. N. W. & S.E.  
80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone  
md. 4½ ft. in dia. at base by 2 ft. in height 1.00  
ch. West for Witness Post to cor. to secs. 4, 5, 32 & 33.  
As the true cor. falls on steep side hill.

Land, mountainous.  
Soil 1st & 2nd rate.  
Timber & undergrowth of oak & cedar.

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West on S. B. of sec. 32.

Var. 14° 25' E.

Descend.  
40.00 Set post 4 in. dia 1 ft. in earth 1 ft. above stone  
md. 4 ft. in dia. at base by 2 ft. in height for  
1-4 sec. cor.  
53.00 Enter Canada brs. N. E. & S. W.  
56.50 Cross Wash 100 lks. wide co. S.W.  
61.50 Leave canada co. S.W.  
80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone  
md. 4½ ft. in dia. at base, by 2 ft. in height  
for cor. to secs. 5, 6, 31 & 32.

Land mountainous.  
Soil 1st rate.  
Timber & undergrowth of Oak & Cedar.

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West on S. B. of Sec. 31.

Var. 14°25' E.

Over low broken spurs.  
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above  
stone md. 4 ft. in dia. at base by 2 ft. in height  
for 1-4 sec. cor.  
49.50 Valley of Castae, brs. N. & S.  
80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone  
md. 4½ ft. in dia. at base by 2 ft. in height for  
cor. to Tps. 4 & 5 N. Rs. 16 & 17 S.B.M.

Land mountainous.  
Soil 1st & 2nd rate.  
Timber & undergrowth of Oak & Cedar.

January 5th, 1880.

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W. B. T. 5 N., R. 16 W. S.B.M.

North on W. B. of sec. 31

Var. 14°25' E.

34.50 A valley & field & ascend hills brs. N.W. & S.E.  
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone  
md. 4 ft. in dia. at base by 2 ft. in height for 1-4  
sec. cor.

W. B. T. 5 N., R. 16 W., S.B.M.

- 47.22 Enter N. B. of Rancho San Francisco at a point from which an oak tree m'kd No. 10 brs. N.  $81\frac{1}{4}^{\circ}$  W. 7.77 chs. dist. & set post 4 in. sq. 1 ft. in earth 1 ft. above stone md.  $4\frac{1}{2}$  ft. in dia. at base by 2 ft. in height for cor. to frac. secs. 31 & 36.
- 53.50 A canada brs. N. E. & S. W.
- 58.50 Cross Wash 100 lks. wide co. S. W.
- 63.50 Cross fence brs. N.E. & S.W. & ascend.
- 66.00 Top of spur brs. S.W. & N.E. and descend.
- 69.00 A valley brs. N.E. & S.W.
- 77.50 Cross road brs. N.E. & S.W.
- 80.00 Set a post 4 in. sq. 1 ft. in earth 1 ft. above stone md.  $4\frac{1}{2}$  ft. in dia. at base by 2 ft. in height for cor. to secs. 30, 31, 25 & 36, from which brs. a Cottonwood 24 in. dia. N.  $30^{\circ}$  W. 520 lks. dist.

Land, mountainous.  
Soil 1st & 2nd rate.  
Timber & undergrowth of oak, cedar & cottonwood.



North on W. B. of sec. 30.

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

- Descend.
- 9.50 A wash in Canada co. S.W.
- 11.00 Cross same.
- 24.00 Leave Canada brs. N.E. & S.W. & ascend.
- 26.50 Top of high tableland, brs. N.E. & S.W. thence over same.
- 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone md. 4 ft. in dia. at base by 2 ft. in height for 1-4 sec. cor. thence ascending.
- 51.50 Top of 2nd Tableland, brs. N.E. & S.W. & descend.
- 80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone md.  $4\frac{1}{2}$  ft. in dia. at base by 2 ft. in height for cor. to secs. 19, 24, 25 & 30.

Land, mountainous.  
Soil 1st rate.  
Timber & undergrowth of oak & cedar.



North on W. B. of sec. 19.

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

- 3.00 Descend.
- 15.50 Level Valley of Castac, brs. N.E. & S.W.
- 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone md. 4 ft. in dia. at base by 2 ft. in height & dug pits 24 x 18 x 12, 8 lks. East for 1-4 sec. cor.
- 42.00 Cross Road brs. N.E. & S.W.
- 80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone md.  $4\frac{1}{2}$  ft. in dia. at base by 2 ft. in height, for cor. to secs. 18, 19, 13 & 24, from which brs. a

W.B. T. 5 N., R. 16 W., S.B.M.

Sycamore 14 in. dia. N.  $36\frac{1}{2}^{\circ}$  W. 400 lks. dist.

Land mostly level.

Soil 1st rate.

Timber & undergrowth of oak, cedar & sycamore.

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North on W. B. of sec. 18.

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

Descend.

- 13.50 Enter wash of Castac co. S.W.  
20.00 Leave same co. S.W. & N.E.  
21.50 A house brs. West about 8.00 chs. dist.  
37.50 Cross fence brs. N.E. & S.W.  
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above  
stone md. 4 ft. in dia. at base by 2 ft. in height  
for 1-4 sec. cor. near edge of Valley.  
A house brs. S.  $22\frac{1}{2}^{\circ}$  W. about 15 chs. dist. Leave  
valley, bears N. E. & S.W. & ascend.  
50.00 Top of spur brs. N.W. & S.E. & descend.  
54.50 A Canada brs. N.W. & S.E.  
73.00 House brs. East about 10.00 chs. dist.  
78.00 Cross road Brs. N.W. & S.E.  
80.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above  
stone md.  $4\frac{1}{2}$  ft. in diam. at base, by 2 ft. in  
height & dug pits 24 x 18 x 12, 8 lks. dist. at  
4 angles for cor. to secs. 7, 12, 13 & 18.

Land mostly level.

Soil 1st rate.

Timber & undergrowth of oak and cedar.

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North on W. B. of sec. 7.

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

Descend.

- 12.60 A wash co. S.E.  
16.00 Cross same co. S.E. & ascend.  
23.50 Top of hill brs. N.W. & S.E. and descend.  
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above  
stone md. 4 ft. in dia. at base by 2 ft. in  
height & dug pits 24 x 18 x 12, 8 lks. East for  
1-4 sec. cor.  
80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above  
stone md.  $4\frac{1}{2}$  ft. in dia. at base by 2 ft. in  
height for cor. to secs. 6, 7, 1 & 12.

Land, mountainous.

Soil 1st & 2nd rate.

Timber & undergrowth of oak, cedar & sycamore.

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North on W.B. of sec. 6.

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

- 40.00 Along West slope of mountain.  
Set post 4 in. dia. 1 ft. in earth 1 ft. above  
stone md. 4 ft. in dia. at base by 2 ft. in  
height & dug pits 24 x 18 x 12, 8 lks. East for  
1-4 sec. cor.

W.B. T. 5 N., R. 16 W., S.B.M.

47.50 Cross gulch 50 lks. wide co. S.W. & ascend.  
80.50 Summit of spur brs. N.E. & S.W. & descend.  
105.00 Entersect 1st std. line North at cor. to  
secs. 31 & 32 which I mark the closing cor.  
to Tps. 5 N. R. 16 & 17 W.

Land mountainous  
Soil 1st rate.  
Timber & undergrowth of oak & cedar.

January 6th, 1880.

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LIST OF NAMES.

A list of the names of the individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing Field Notes of a portion of the Exterior lines of Tps. 4 & 5 N., Rs. 12, 13, 14, 15 & 16 W.S.B.M., showing the respective capacities in which they acted.

- .....Compassman
- Joseph Defields.....Chainman.
- Bertram H. Dunshee.....Chainman.
- Noah Chrisco.....Axeman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted W.H. Norway, Deputy Surveyor, in surveying a portion of the exterior lines of Tps. 4 & 5, N. Rs. 12, 13, 14, 15, 16 W., S.B.M., and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Subscribed and sworn to before me, this 28th day of January 1880.

W. H. Norway.  
Comm. of the U.S. Circuit  
Court for Cala.

Joseph Defields,  
Bertram H. Dunshee  
Noah Chrisco.

FINAL OATH OF DEPUTY SURVEYOR.

I, W.H. Norway, Deputy Surveyor, do solemnly swear that, in pursuance of a contract with T. Wagner, United States Surveyor-General for California, bearing date the 10th day of Oct. 1879, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of a portion of the Exterior lines of Tps. 4 & 5 N. Rs. 12, 13, 14, 15, & 16 W., S.B.M., as are represented in the fore

going Field Notes as having been surveyed by me, and under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and Original Field Notes of each Survey.

W.H.Norway, U.S. Deputy Surveyor

Subscribed and sworn to  
before me, this 31st  
day of Jan'y, 1880.

J.A.Robinson, U.S. Commr.

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Tp. 4 N., R. 15 W., S.B.M.

In order to establish the N.W. corner of this Township, I begin at a post in mound, marked S.F. No. 9 on North Boundary of Section 3, of Township 4 N. Range 16 W. being 67.32 chs. East of the cor. to secs. 3, 4, 33, 34, as established in a former survey. and run thence East on a true line on N. boundary of Sec. 3.

Var. 14°40' E.

Ascending.

8.00 Summit of ridge bearing N.E. & S.W. and descend steep side hill.  
12.68 The point for Sec. cor. falling on steep side hill, not a suitable place to build a mound. I set a wild cherry post 4 x 4 in 3½ ft. long in a mound of rocks on top of ridge 4.70 chs. West as instructed for witness to cor. to Secs. 2, 3, 34, 35.

Land rough, 3rd rate.

From the true cor. I run--  
East on North Bdy of Section 2.

Var. 14°40' E.

Over broken Hills.

22.00 Enter Canada, bearing S.W.  
26.00 Cross ravine in Canada, course S.W.  
30.00 Over same.  
40.00 Set an Oak post 3 x 3 in. 3 ft. long in mound of rock on steep brushy side hill facing West as instructed for 1-<sup>st</sup> sec. cor.  
45.00 Summit of spur bearing N.E. & S.W.  
49.00 Descend.  
Cross gulch 20 lks. wide, course S.W.  
Ascend.  
62.17 Summit of sharp ridge bearing N.E. & S.W. descend  
70.00 Cross gulch 20 lks. wide, course S.W. Ascend.  
80.00 The point falling on steep side hill, not a suitable place to build a mound, I set an Oak post 4 x 4 in. 3½ ft. long in a large mound of rocks 6.41 chs. East on top of high ridge bearing N.E. & S.W. as instructed for witness cor. to secs. 1, 2, 35, 36.

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

Land rolling, 2nd & 3rd rate soil, brushy and  
gravelly--grazing in canada.

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From the true corner I run-  
East on North Boundary of Sec. 1.  
Ascending

Var. 14°40' E.

- 6.41 Summit of spur bearing N.E. & S.W. and witness  
post thence descending.  
30.00 Cross dry gulch, course S.E. Ascend.  
40.00 The point for 1-4 sec. cor. falling on steep side  
hill, not a suitable place to build a mound. I set  
a cottonwood post 3 x 3 in. 3 ft. long in a mound of  
rock 80 lks. East on summit of spur bearing No. W.  
& S.E. as instructed for witness to 1-4 sec. cor.  
40.80 Summit of spur and witness post. Descend  
47.00 Cross gulch, 20 lks. wide, course S.E.  
50.00 Enter large Canada.  
54.50 Cross dry gulch in canada 50 lks. wide, course South.  
58.50 Ascending--leave canada--enter high rolling hill.  
73.50 Summit of ridge bearing N. & S. Descend.  
80.00 Set a cotton wood post 4 x 4 in. 3½ ft. long in  
a large mound of earth and pit on side hill facing  
S.E. as instructed for cor. to Township 4 & 5  
North, Ranges 15 & 16 West.  
Land rolling mostly 2nd rate grazing part in canada--  
1st rate soil with scattering Oak & Wild cherry Timber.

October 14th, 1876.

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From the cor. to Secs. 18, 19, 13, 24 bet. ranges  
15 & 16. I run-  
North on a random line on West bdy of sections 18, 7 & 6.  
Setting temp 1-2 mile and mile posts at every 40 & 80 chs.  
and at 237.30 chs. I intersect the Northern Boundary  
of the Township 50 lks. East of the cor. to Township  
4 & 5 North, Ranges 15 & 16 West, from which cor. I run-  
S. 7' E. on a true line on W. bdy. of Sec. 6.

Var. 14°40' E.

- Descending along side hill.  
37.30 Set a wild cherry post 3 x 3 in. 3 ft. long in a mound  
of rocks & pits as instructed for 1-4 sec. cor.  
73.80 Leave hills--enter valley, bearing N.E. & S.W.  
77.30 The cor. falling in deep wash, not a suitable place  
to build a mound I set a cottonwood post 4 x 4 in.  
3½ ft. long in a large mound of rocks 3.50 chs.  
North at foot of hill, as instructed for witness to  
cor. to Secs. 1, 6, 7, 12, from which-  
Cottonwood tree 16 in. dia. bears S. 11½° W. 5.03 chs.  
dist.  
Land rolling 2nd rate grazing.



Tp. 4 N., R. 15 W., S.B.M.

S. 7' E. on a true line on West Bdy. Sec. 7  
Var. 14°40' E.

- 3.50 Enter wash of canada, course S.W.  
11.50 Over same, course S.W.  
16.50 Cross wagon road, bearing N.E. & S.W.  
31.00 Leave valley, enter hills, bearing S.W. & S.E.  
40.00 Set an Oak post 3 x 3 in. 3 ft. long in a large mound of rocks on top of low spur, bearing N. & S. as instructed for 1-4 sec. cor. thence ascending over high hills.  
80.00 Set a granite rock 12x10x6 in. in a large mound of rocks, on top of high hill as instructed for cor. to Secs. 7, 12, 13, 18.

Land, mountains 2nd rate-part in valley 1st rate.  
Scattering Oak and Cottonwood timber.

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S. 7' E. on a true line on West bdy. sec. 18.  
Var. 14°40' E.