

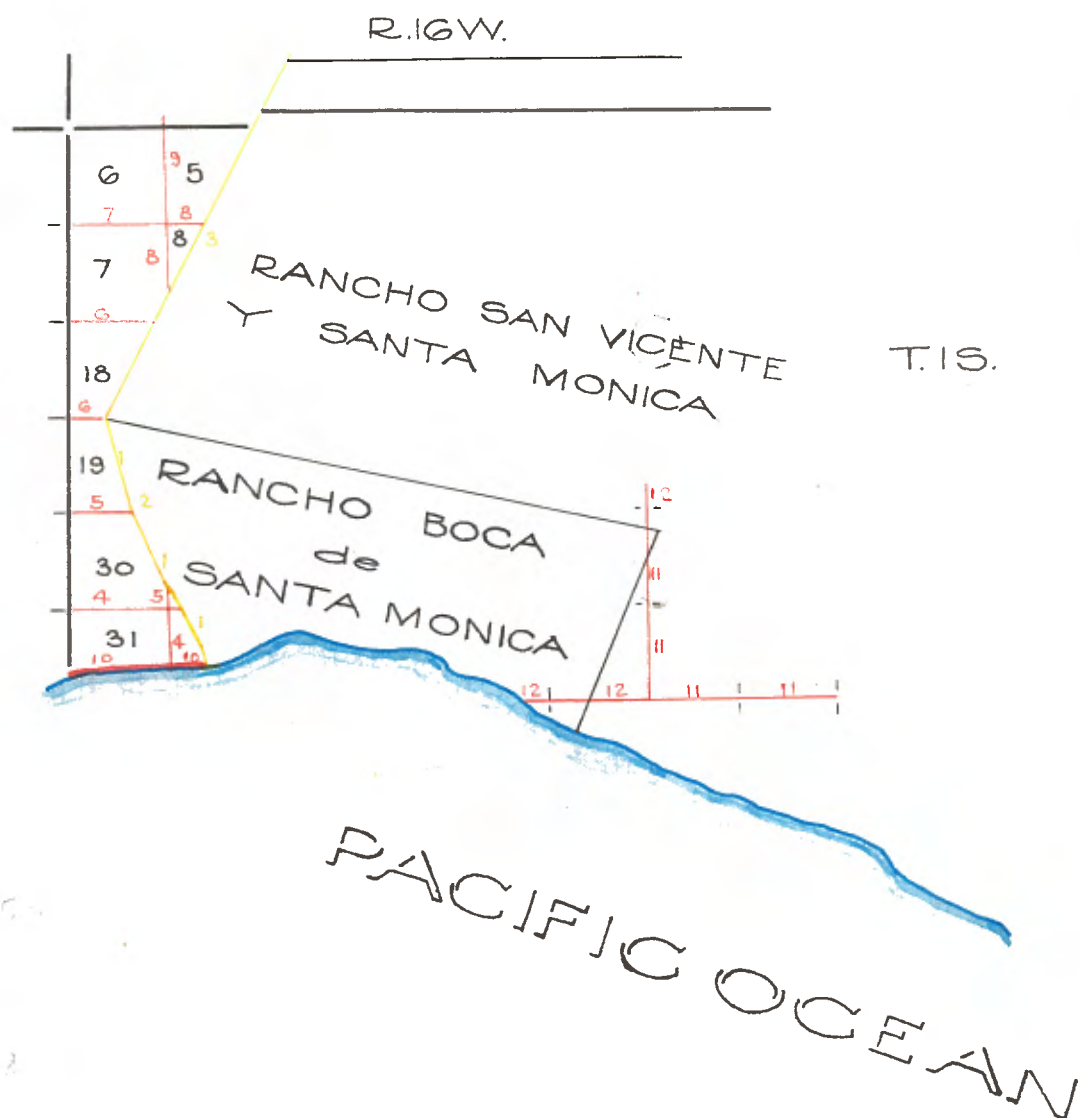
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Note, —

Vermilion lines run by H. Washington - 1853

Red lines run by M. F. Reilly - 1895

Yellow lines run by J. R. Glover - 1895



----- R E S U R V E Y -----  
 Boundary Line.  
 RANCHO BOCA DE SANTA MONICA, THROUGH  
 T. 1 S., R. 16 W., S. B. M.

CHAINS:

- From cor. on Ro. Boundary, which is a post set firmly in the ground marked B.S.M. on S.E. and B.M. 1 on S.W. faces, and around which I build a stone mound, at old coast survey station, on the shore of the Pacific Ocean; I run  
 N.  $15\frac{1}{4}^{\circ}$  W on a random line, along boundary.  
 Var.  $14^{\circ} 30'$  East.
- 26.24 To a point 35 lks. N  $74\frac{1}{2}^{\circ}$  E. from cor. No. VII on Ro. Boundary, at old stone mound; to remark this cor. I set a sandstone,  $14 \times 14 \times 12$  ins. 9 ins. in the ground, marked B.S.M. VII. and raised a stone mound alongside. Pits impracticable.  
 Thence, I run,  
 S.  $16^{\circ} 31'$  30 E.  
 S.  $16^{\circ} 31'$  E. on a true line, along boundary.  
 Var.  $14^{\circ} 30'$  East.
- 26.24 Descend abruptly.  
 To cor. B.S.M. and B.M. 1 on boundary.  
 Land mountainous.  
 Soil 3rd rate.  
 Dense undergrowth of chaparral.  
 No timber.
- 
- From Station No. 7, I run,  
 N.  $21\frac{1}{4}^{\circ}$  W. on a random line along Bd.  
 Var.  $14^{\circ} 30'$  East.
- 92.74 To a point 4.06 chs. N.  $68\frac{1}{4}^{\circ}$  E. from cor. No. 6, which is a post set firmly in the ground, marked B.S.M. VI. with a stone mound, in good order, around same. Cor. on top of ridge, bears N  $20^{\circ}$  W and S.  $20^{\circ}$  E.  
 Thence, I run,  
 S.  $23\frac{1}{4}^{\circ}$  E. on a true line, along boundary.  
 Var.  $14^{\circ} 30'$  East.
- Descend.
- 27.50 Cross gulch, 5 lks. wide, course S.E. and  
 Ascend.
- 40.00 Set a sandstone  $16 \times 10 \times 10$  ins. 11 ins. in the ground for cor. on boundary, marked B.S.M. 1/40 on S.E. and raised a stone mound alongside. Pits impracticable.
- 44.70 Top of spur bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E. and descend.
- 70.00 Cross low sag. bears E. and W. and  
 Ascend.
- 80.00 Set a sandstone  $16 \times 10 \times 8$  ins. 11 ins. in the ground for cor. on boundary marked B.S.M. 2/80 on S.E. face and raised a stone mound alongside. Pits impracticable.
- 92.82 To corner No. 7.  
 Land mountainous.  
 Soil 3rd rate.  
 Dense undergrowth of chaparral.  
 No timber.

Nov. 8th, 1895.

From Cor. No. 6, I run,  
 N.  $12\frac{1}{4}^{\circ}$  W. on a random line along boundary.  
 Var.  $14^{\circ} 30'$  East.

----- R E S U R V E Y -----  
Boundary Line.  
RANCHO BOCA DE SANTA MONICA, THROUGH

T. 1 S., R. 16 W., S. B. M.

27.47 To a point 28 lks. N.  $77\frac{3}{4}^{\circ}$  E. from Cor. No. 5, which is a post set firmly in the ground, marked B.S.M.V. on S.E. face, with a stone mound in good order around same. Cor. set on top of ridge, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.  
Thence, I run,  
S.  $12^{\circ} 50'$  E. on a true line, along boundary.  
Var.  $14^{\circ} 30'$  East.

16.00 Descend.  
Cross low sag bears E. and W. and  
Ascend.

27.47 To Cor. No. 6.  
Land mountainous.  
Soil 3rd rate.  
Dense undergrowth of chaparral.  
No timber.

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65.12 From cor. No. 5, I run,  
N.  $15\frac{1}{2}^{\circ}$  W. on a random line along Bd.  
Va.  $14^{\circ} 30'$  East.  
To a point 29 lks S.  $74\frac{1}{4}^{\circ}$  W. from cor. No. 4 of the Ro. Boca de Santa Monica, and Cor. No. 6 of the Ro. San Vincente of Santa Monica, where I find a portion of an old post nearly destroyed by fire, in a small stone mound. To remark cor. I set a sandstone  $20 \times 16 \times 10$  ins. 15 ins. in the ground, marked B.S.M.IV. on S.E. and S.V.S.M. on N.E. faces and raised a stone mound alongside.  
Pits impracticable.  
Thence I run,  
S.  $15^{\circ} 30'$  E. on a true line along bd.  
Var.  $14^{\circ} 30'$  East.

2.50 Ascend.  
Top of spur bears N.  $65^{\circ}$  E and S.  $65^{\circ}$  W. and descend

11.20 Cross ravine 4 lks wide, course N.E. and  
Ascend.

23.00 Top of spur, bears N.E. and S.W. and  
Descend.

40.00 Set a sandstone  $26 \times 10 \times 8$  ins. 19 ins. in the ground for cor. on boundary, marked B.S.M. 1/40 on S.E. face, and raised a stone mound alongside.

49.00 Pits impracticable.  
Cross gulch 3 lks. wide, course E. and  
Ascend.

65.13 To Cor. No. 5.  
Land mountainous.  
Soil 3rd rate.  
Dense undergrowth of chaparral.  
No timber.

Nov. 9, 1895.

----- R E S U R V E Y -----  
 Boundary Line.  
 RANCHO SAN VICENTE Y SANTA MONICA, THROUGH  
 T. 1 S., R. 16 WEST, S. B. M.

CHAINS:

From cor. No. 6 on boundary of Ro. San Vicente y Santa Monica, also Cor. No. 4 on Boundary of Ro. Boca de Santa Monica, previously rebuilt by me, I run N.  $27\frac{1}{4}^{\circ}$  E. on a random line along boundary.  
 Var.  $14^{\circ} 30'$  East.

345.15 To a point 134 chs. S.  $62\frac{1}{4}^{\circ}$   
 425.15 E. from Cor. No. 42, on boundary of Ro. Ex Mission San Fernando previously described,  
 Thence,  
 S.  $27^{\circ} 32'$  W. on a true line along boundary,  
 Var.  $14^{\circ} 30'$  East.

As the line passes over deep and broken canons impossible to chain to obtain the distance across, I set a flag at this point, and another across canon on line.  
 From the first flag I run a base of 8.75 chs. N.  $62^{\circ} 28'$  W. to a point from which the second flag bears S.  $19^{\circ} 16'$  W. giving by calculation a distance of 60.22 chs. across canon.  
 Thence, I continue on true line counting distance from cor. No. 42 and st.

74.00 Set temporary closing corner for San Bernardino Base Line on Boundary of Rancho San Vicente y Santa Monica.  
 The line in advance crossing a deep rocky canon, impossible to chain, to obtain the distance across, I set a flag at this point and another across canons on line on top of a high rocky spur which bears N.W. and S.E.  
 From first flag I run a base of 5.00 chs.  
 N.  $62^{\circ} 28'$  W. to a point from which the second flag bears S.  $21^{\circ} 18'$  W. giving by calculation a

45.78 distance of 45.78 chs.  
 across canon and a total distance from cor. 42, of 119.78 chs.  
 The line in advance being too rough to chain, I leave a flag here and set a flag in advance on line across another canon, from which point I run a base of 9.35 chs. S.  $62^{\circ} 28'$  E. to a point from which flag bears N.  $15^{\circ} 11'$  E. giving by calculation a

42.70 distance of 42.70 chs. to flag and a total distance from Cor. No. 42 of 162.48 chs.  
 I now continue on true line ascending gradually.

164.00 Set temporary closing cor. to Secs. 5 and 8  
 180.00 Top of spur bears N.W. and S.E. and descend.  
 215.00 Cross low sag bears E. and W. and ascend gradually.  
 218.00 Leave dense brush and enter open oak timber  
 237.50 Set temporary closing cor. to Secs. 7 and 8,  
 237.60 Cross wire fence bears N.E. and S.W.  
 247.50 Top of Ridge bears E. and W.  
 Leave timber and descend through dense brush.

254.50 Set temporary closing cor. to Secs. 7 and 18.  
 The line in advance being very broken and impossible to chain, leave a flag at this point across canon and at Cor. No. 6 on Boundary leave a flag; from the first flag I run a base of 8.33 chs. N.  $62^{\circ} 28'$  W. to a point from which the second flag bears S.  $22^{\circ} 17'$  W. giving by calculation a distance of 90.65 chs. across Canon and a total distance from cor. No. 42 of

345.15 To Cor. No. 6 on Boundary of Ro. San Vicente y Santa Monica.  
 Land rough and mountainous.  
 Soil 3rd rate.  
 Timber scattering Oak for 29.00 chs., remainder dense undergrowth of Chaparral.  
 I carefully examined the adjustments of my Solar Compass today particularly the latitude and reversing apparatus, and found them correct.

Nov. 11 and 12, 1895.

# SUBDIVISIONS

TOWNSHIP 1 SOUTH, RANGE 16 WEST, S. B. M.

## CHAINS:

From the cor. to Secs. 25, 30, 31, and 36, on W. boundary of Tp., which is a sandstone, set firmly in the ground marked with 1 notch on S., and 5 notches on N. edges, with a stone mound in good order, alongside, I run,  
East on a true line bet. Secs. 30 and 31,  
Var. 14° 36' East.

Descend.

- 11.00 Enter plowed ground bears N and S
- 15.00 Leave plowed ground bears N and S and enter dense chaparral.
- 26.30 Cross Canon, 50 lks wide, course S 10° E. and ascend.
- 29.00 Top of spur bears N 25° W and S 25° E and descend.
- 30.53 Cross gulch 4 lks wide, course S 35° W. and ascend.
- 40.00 Set a sandstone 22 x 12 x 8 ins. 16 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a stone mound alongside, Pits impracticable.
- 50.00 Top of ridge bears N.W. and S.E. and descend.
- 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, 31, and 32, marked,  
T. 1 S., S. 29 on N.E.  
R. 16 W. S. 32 on S.E.  
S. 31 on S.W. and  
S. 30 on N.W. faces, with 1 notch on S. and 5 notches on E. edges and raised a stone mound around post. Pits impracticable.  
Land mountainous.  
Soil 2nd and 3rd rate.  
Dense undergrowth of chaparral.  
No timber.

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South, on a true line bet. Secs. 31 and 32,  
Var. 14° 36' East.

Descend.

- 4.00 Cross Tuna Creek, 20 lks wide, course S. 10° W. and ascend.
- 4.50 Cross road bears N. 10° E and S 10° W
- 13.00 Top of spur bears E. and W. and descend.
- 24.86 Cross gulch 3 lks wide, course W. and ascend.
- 33.00 Top of spur bears N 10° E and S 10° W and descend.
- 34.46 To a point near high tide line of the Pacific Ocean and set a post 4 ft. long 4 ins. square with marked stone 12 ins. in the ground, for meander cor. to fractional Secs. 31 and 32, marked,  
M. C. T. 1 S. on S.  
R. 16 W., S. 32 on E. and S. 31 on W. faces and raised a stone mound around post. Pits impracticable.  
Land mountainous.  
Soil 3rd rate.  
Dense undergrowth of chaparral.  
No timber.

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From the cor. to Secs. 29, 30, 31, and 32, I run,  
East on a true line bet. Secs. 29 and 32,  
Var. 14° 36' East.

Descend.

- 2.77 Cross Tuna Creek 20 lks wide, course S. 25° W. and ascend.
- 90 Cross road, bears N. and S.
- Intersect W. boundary of Rancho Boca de Santa Monica, 3.50 chs. N. 23  $\frac{1}{4}$ ° W. from sandstone, set firmly in the ground, marked,

SUBDIVISIONS T.1 S., R.16 W., S.B.M.

CHAINS:

B.S.M. 2/80 on S.E. face with a stone mound, in good order alongside, and set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground for closing cor. to Secs. 29 and 32, marked, O. C. T. 1 S., R. 16 W., on W.

S. 29 on N. and

S. 32 on S. faces, with 1 notch on S. and 5 notches on N. faces, and raised a stone mound around post.

Pits impracticable.

Land mountainous.

Soil 3rd rate.

Dense undergrowth of chaparral.

No timber.

December 2nd, 1895.

From the cor. to Secs. 29, 30, 31, and 32, I run, North between Secs. 29 and 30, Var. 14° 36' East.

Ascend.

2.10 Top of low spur bears N.W. and S.E. and descend.

3.20 Cross road bears N.W. and S.E.

3.34 Cross Tuna Creek, 15 lks. wide, course S. 30° E. and ascend.

11.18 Intersect W. boundary of Rancho Boca de Santa Monica 12.19 chs. N. 23 1/4° W. from closing Cor. to Secs. 29 and 32, and set a sandstone 28 x 20 x 12 ins. 21 ins. in the ground for closing Cor. to Secs. 29 and 30, marked O.C. with 1 notch on W. and 5 notches on E. edges and raised a stone mound alongside.

Pits impracticable.

Land mountainous.

Soil 3rd rate.

Dense undergrowth of chaparral.

No timber.

From the cor. to Secs. 19, 24, 25, and 30, on W. boundary of Tp. which is a sandstone, set firmly in the ground, marked with 2 notches on S. and 4 notches on N. edges, with a stone mound, in good order alongside. I run, East on a true line bet. Secs. 19 and 30, Var. 14° 33' East.

Ascend.

3.75 Top of spur, bears N. and S. and descend.

4.55 Cross trail, bears N. W. and S.E.

5.50 Cross gulch, 2 lks. wide, course N 10° E. and ascend.

7.00 Cross same trail, bears N.E. and S.W.

7.45 Top of spur, bears N. and S. and descend.

8.10 Cross same trail, bears N. 75° W. and S. 75° E.

10.45 Cross Tuna Creek, 10 lks. wide, course S. and ascend.

17.00 Top of spur, bears N. and S. and descend.

24.48 Cross gulch 5 lks wide, course S. and ascend.

30.00 Top of spur bears N. and S. and descend.

39.00 Cross gulch, 3 lks. wide, course S. 60° W. and ascend.

40.00 Set a sandstone 22 x 10 x 9 ins. 16 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face and raised a stone mound alongside.

Pits impracticable.

49.00 Top of high ridge bears N. and S. and descend.

SUBDIVISIONS T.1 S., R. 16 W., S.B.M.

CHAINS:

51.94 Intersect W. boundary of Rancho Boca de Santa Monica, 10.09 chs.  
N.  $12^{\circ} 50'$  W. from a post set firmly in the ground, marked:  
B.S.M. 21 on N.W. and  
B.M. 12 on N.E. faces, and  
set a sandstone,  $25 \times 12 \times 10$  ins. 21 ins. in the ground  
for closing cor.to Secs. 19 and 30, marked C.C.with 2  
notches on S. and 4 notches on N. edges, and raised a  
stone mound alongside.  
Pits impracticable.  
Land mountainous.  
Soil 3rd rate.  
Dense undergrowth of chaparral.  
No timber.

From the cor.to Secs. 13, 18, 19, and 24, On W. boundary of Tp.  
which is a sandstone set firmly in the ground, marked with 3 notches  
on N. and S. edges, pits in Secs. 13 and 24, and an earth mound in  
good order, alongside stone, from which bears:

A Live oak, 12 ins.dia., N. $7\frac{1}{2}^{\circ}$  E.

91 lks.dist., marked T.1 S., R.16 W., S. 18 B.T.

A Live Oak 30 ins.dia., S.  $40\frac{1}{2}^{\circ}$  E.

122 lks. dist., marked T.1 S., R.16 W., S.19 B.T.

I run, East, on a true line, bet.Secs. 18 and 19,  
Var. $14^{\circ} 42'$  East.

Descend.

3.00 Cross Ravine, 10 lks.wide, course N. and ascend.  
9.00 Top of spur, bears N. and S. and descend.  
12.48 Cross gulch, 2 lks.wide, course N.  $25^{\circ}$  E. and ascend.  
20.00 Top of spur bears N. and S. and descend.  
28.20 Cross gulch, 3 lks.wide, course N.E. and ascend.  
30.68 Intersect W. Boundary of Rancho San Vicente y Santa Monica, 16 lks.

N.  $27^{\circ} 32'$  E. from Cor.on line, which is a post, set  
firmly in the ground, marked B.S.M. on S. and S.V.S.M.  
on N. faces, with a stone mound in good order, around  
post, and set a sandstone  $27 \times 12 \times 10$  ins. 19 ins.  
in the ground, for closing cor.to Secs.18 and 19,  
marked C.C.with 3 notches on N. and S. edges,  
from which bears:

A Live Oak, 10 ins.dia., N. $3\frac{1}{4}^{\circ}$  E.44 lks.dist.marked,  
T.1 S., R. 16 W., S. 17 B.T.

No other tree within limits: raised a stone mound alongside corner  
stone.

Pits impracticable.

Land mountainous.

Soil 3rd rate.

Scattering oak timber and dense undergrowth of chaparral.

December 3, 1895.

From the Cor.to Secs. 7, 12, 13, and 18 on W. boundary of Tp., which  
is a sandstone set firmly in the ground marked with 4 notches on S.  
and 2 notches on N. edges, with a stone mound in good order alongside,  
from which bears:

A Live Oak, 16 ins.dia., S. $32\frac{1}{2}^{\circ}$  E.48 lks.dist., marked  
T.1 S., R.16 W., S.18 B.T.

A Live Oak, 12 ins.dia. S. $11\frac{1}{2}^{\circ}$  W. 45 lks.dist., marked

SUBDIVISIONS T.1 S., R.16 W., S.B.M.

CHAINS:

T.1 S., R.17 W., S.13 E.T., I run,  
East, on a true line bet. Secs. 7 and 18,  
Var. 14° 42' E.

Descend.

3.50 Cross Canon, 12 lks. wide, course N. 50° E. and ascend.  
5.00 Top of spur bears N. and S. and descend.  
8.00 Cross Topanga Creek, 20 lks. wide, course S. 20° E. and ascend.  
8.25 Cross wire fence bears N. and S. and enter cultivated ground.  
12.25 Cross road bears N. 65° W. and S. 65° E.  
13.00 Cross wire fence bears N.W. and S.E. and leave cultivated ground.  
16.50 Top of low spur, bears N. and S. and descend.  
22.50 Cross Creek, 4 lks. wide, course S. 20° W. and ascend.  
32.10 Cross wire fence, bears N. and S.  
40.00 Set a sandstone 34 x 10 x 8 ins. 22 ins. in the ground for  $\frac{1}{4}$  Sec. cor.,  
marked  $\frac{1}{4}$  on N. face and raised a stone mound alongside. Pits im-  
practicable.  
55.00 Top of low spur, bears N. and S. and descend.  
~~65.00~~ Cross low sag, 50 lks. wide, course S. and ascend.  
70.00 Top of ridge, bears N. and S. and descend.  
72.44 Intersect W. boundary of Rancho San Vincente y Santa Monica, 6 lks.  
N. 27° 32' E. from temporary closing Cor. to Secs. 7 and  
18, previously set, and set a sandstone, 23 x 15 x 9  
ins. 16 ins. in the ground for closing Cor. to Secs. 7 and  
18, marked with 4 notches on S. and 2 notches on N. edges,  
and raised a stone mound alongside.  
Pits impracticable.  
Land mountainous.  
Soil 2nd and 3rd rate.  
Scattering Oak timber and dense undergrowth of chaparral.

(From the cor. to Secs. 1, 6, 7 and 12, on W. boundary of Tp. which  
is a sandstone, set firmly in the ground, marked with 1 notch on  
N. and 5 notches on S. edges with pits in each sec. 5 $\frac{1}{2}$  ft. dist. and  
an earth mound in god order, along side corner stone, I run  
East, on a true line, bet. Secs. 6 and 7,  
Var. 14° 30' East.

Ascend.

.50 Top of spur bears N.W. and S.E. and descend.  
8.00 Cross Canon, 10 lks. wide, course S. and ascend.  
19.00 Top of ridge, bears N. and S. and descend.  
27.10 Cross gulch 8 lks. wide, course S. 20° E. and ascend.  
40.00 Set a sandstone 22x10x10 ins. 16 ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
marked  $\frac{1}{4}$  on N. face and raised a stone mound alongside. Pits im-  
practicable.  
46.00 Top of spur bears N. 60° W. and S. 60° E. and descend.  
61.00 Enter Tarapata Canon, course S.E.  
61.50 Cross Tarapata Creek, 20 lks. wide, course S.E.  
62.00 Cross road bears N. and S. leave Tarapata Canon and ascend.  
68.75 Top of spur bears N. 25° E. and S. 25° W.  
Cross road on same and descend.  
71.50 Cross gulch, 3 lks. wide, course S. 25° W. and ascend.  
80.00 Set a sandstone 22 x 15 x 8 ins. 16 ins. in the ground for cor. to Secs.  
5, 6, 7, and 8, marked with 5 notches on S. and E. edges and raised a  
stone mound alongside. Pits impracticable.  
Land mountainous.  
Soil 3rd rate.  
Scattering oak timber and dense undergrowth of chaparral.  
December 4th, 1895.



SUBDIVISION T.1 S., R.16 W., S.B.M.

South, on a true line bet. Secs. 7 and 8,  
Var.  $14^{\circ} 30'$  East.

Ascend through dense chaparral.

- 1.00 Top of spur, bears E. and W. and descend.
- 7.48 Cross gulch, 3 lks. wide, course S.W. and ascend.
- 10.00 Leave dense chaparral on top of low spur, bears N.E. and S.W. and descend.
- 13.56 Cross gulch, 3 lks. wide, course  $S.65^{\circ} W.$  and ascend.
- 17.00 Geo. Barr's house bears  $N.65^{\circ} E.$  2.22 chs. dist.  
A spring bears  $S.65^{\circ} E.$  50 lks. dist.
- 18.00 Top of low spur, bears E. and W. and descend.
- 22.34 Cross gulch 10 lks. wide, course W. enter dense chaparral and ascend.
- 28.50 Enter Mesa bears E. and W.
- 31.50 Leave Mesa bears E. and W. and descend.
- 40.00 Set a sandstone  $32 \times 18 \times 12$  ins. 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face and raised a stone mound alongside.  
Pits impracticable.
- 40.78 Cross gulch, 4 lks. wide, course  $N.60^{\circ} W.$  and ascend.
- 44.00 Enter cultivated land bears E. and W.  
Wm. Hunter's house bears  $S.61\frac{1}{2}^{\circ} W.$  6.00 chs. dist.
- 48.00 Cross road, bears E. and W.
- 51.80 Cross ravine 5 lks. wide, course W.
- 57.40 Leave cultivated land, bears E. and W. and ascend.
- 58.80 Enter oak timber bears E. and W.
- 64.80 Cross wire fence, bears N.E. and S.W.
- 64.93 Intersect W. boundary Rancho San Vincente y Santa Monica, 16.88 chs.  $N. 27^{\circ} 32' E.$  from closing Cor. to Secs. 7 and 18 and set a sandstone  $22 \times 14 \times 10$  ins., 16 ins. in the ground for closing Cor. to Secs. 7 and 8, marked C.C. with 1 notch on W. and 5 notches on E. edges, from which bears:

A Live Oak, 18 ins. dia.  $N.31^{\circ} E.$  86 lks. dist. marked,  
T.1 S., R.16 W., S.3 B.T.

A Live Oak, 8 ins. dia.  $N.87^{\circ} W.$  63 lks. dist., marked,  
T.1 S., R.16 W., S.7 B.T.

No other tree within limits: raised a stone mound alongside corner stone. Pits impracticable.  
Land broken and mountainous.  
Soil 2nd and 3rd rate.  
Scattering oak timber and dense undergrowth of chaparral.

From the cor. to Secs. 5, 6, 7 and 8, I run,  
East on a true line bet. Secs. 5 and 8,  
Va.  $14^{\circ} 30'$  East.

Ascend.

- 3.00 Top of low spur bears N.W. and S.E. and descend.
- 5.00 Cross gulch, 3 lks. wide, course N.W. and ascend.
- 15.00 A house bears  $N. 31\frac{1}{2}^{\circ} E.$  about 16.00 chs. dist.
- 17.20 Top of low spur bears  $N. 60^{\circ} W.$  and  $S. 60^{\circ} E.$  and descend.
- 26.00 Cross gulch, 5 lks. wide, course  $N.60^{\circ} W.$  and ascend.
- 33.98 Intersect W. boundary of Rancho, San Vincente y Santa Monica 26 links  $S. 27^{\circ} 32' W.$  from temp. closing cor. to Secs. 5 and 8 previously set and set a sandstone  $26 \times 14 \times 10$  ins. 19 ins. in the ground for closing cor. to Secs. 5 and 8, marked C.C. with 1 notch on N. and 5 notches on S. edges and raised a stone mound alongside.  
Pits impracticable.  
Cor. set on top spur, bears N.W. and S.E.

SUBDIVISIONS T.1 S., R.16 W., S. B. M.

Land mountainous.  
Soil 3rd rate.  
Scattering oak timber and dense undergrowth of chaparral.

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From the cor. to Secs. 5, 6, 7, and 8, I run,  
North, on a random line, bet. Secs. 5 and 6,  
Var. 14° 30' East.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
80.12 Intersect San Bernardino Base line 23 lks. E. of cor. to Secs. 5, 6, 31,  
and 32, on N. boundary of Tp. previously described,  
Thence, I run,  
S. 10° E. on a true line bet. Secs. 5 and 6,  
Var. 14° 30' East.  
Descend.  
24.75 Cross Tarapata Creek 20 lks. wide, course W. and ascend.  
25.40 Cross road bears E. and W.  
36.50 Top of spur bears N 70° W. and S. 70° E. and descend.  
40.12 Set a sandstone 21 x 16 x 9 ins. 16 ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
marked  $\frac{1}{4}$  on W. face and raised a stone mound alongside.  
Pits impracticable.  
41.00 Cross gulch 2 lks. wide, course W. and ascend.  
47.00 Top of spur, bears N. 65° E. and S. 65° W. and descend.  
65.00 Cross ravine 20 lks. wide, course W. and ascend  
73.00 Top of spur bears E. and W. and descend.  
74.50 Cross road bears E. and W.  
78.14 Cross gulch, 6 lks wide, course W. and ascend.  
80.12 The cor. to Secs. 5, 6, 7, and 8,  
Land mountainous.  
Soil 3rd rate.  
Scattering oak timber and dense undergrowth of chaparral.

I carefully examined the adjustments of my solar compass today,  
particularly the latitude and reversing apparatus and  
found them correct.

December 5th, 1895.

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SUBDIVISIONS T.1 S., R.16 W., S. B. M.

MEANDERS OF SHORE OF PACIFIC  
OCEAN.

I commence at the meander cor. to fractional Secs. 31 and 36, on W. boundary of Tp., which is a sandstone set firmly in the ground, marked M.C. on S. face, with a stone mound, in good order alongside.

Thence, I run, with meanders in Sec. 31,  
Var. 14° 36' East.

N. 75 $\frac{1}{2}$ ° E. 3.29  
N. 66 $\frac{1}{2}$ ° E. 9.24  
S. 89 $\frac{1}{2}$ ° E. 11.70  
N. 87° E. 15.55  
S. 71 $\frac{1}{2}$ ° E. 3.16  
N. 87 $\frac{1}{2}$ ° E. 1.58—Mouth of Canon, course S.E.  
N. 62° E. 8.37  
S. 82° E. 7.72—At 1.25 chs., mouth of gulch, course S.  
N. 87 $\frac{1}{2}$ ° E. 7.15  
S. 75 $\frac{1}{2}$ ° E. 11.48—At 9.50, a Mexican's house bears N, 2.00 chs. dist.  
At 10.50, mouth of Creek, course S.W.  
N. 86 $\frac{1}{2}$ ° E. 3.27—To meander Cor., to fractional Secs. 31 and 32.

Land broken and rough.  
Soil 4th rate.  
No timber.

Thence, in Sec. 32,  
Var. 14° 36' East.

S. 84 $\frac{1}{2}$ ° E. 3.50  
S. 71 $\frac{1}{2}$ ° E. 10.70  
S. 64 $\frac{1}{2}$ ° E. 5.50  
N. 45 $\frac{1}{2}$ ° E. .58—To Cor. No. 1 on boundary of Ro. Boca de Santa Monica,  
which is a post set firmly in the ground, marked B.S.M. 1  
on S.E. and B.M. on S.W. faces, with a stone mound in good  
order but covered with sand.  
Land broken and rough.  
Soil 4th rate.  
No timber. No undergrowth.  
December 6th, 1895.

GENERAL DESCRIPTION.

The land in this fractional Township is generally rough, broken and mountainous, with 3rd rate soil, sloping generally toward the Pacific Ocean on its S. boundary. It is well watered by Tuna Tarapa and Topanga Creeks and several other streams. Road and trails cross the Tp. in various directions. There are houses in Secs. 5, 6, 8, and 31, and cultivated land in Secs. 30, 31, 7, 8 and 18.

VAR. OF NEEDLE 13° 43' EAST.

S. BOUNDARY OF T.1 S., R.15 WEST.

- WEST  
80.00 Supposed to sink near the line  
Set charred Elder stake and charred Dogwood post in mound cor. to Secs. 32 and 33, T.1 S., R.15 W., Secs. 4 and 5, T. 2 S., R.15 W., Last mile very gently waving, almost level, 2nd open prairie.  
5th mile on S. boundary of T.1 S., R.15 W., S.32
- 40.00 Charred Elder stake and charred Dogwood post in a mound from which centres of 4 pits bear N 9 lks. S 9 lks. E 9 lks. W 9 lks
- 80.00 Set charred Elder stake and charred Dogwood post in mound cor. to Secs. 31 and 32, T.1 S., R.15 W., Secs. 5 and 6, T. 2 S., R.15 W., from which centres of 4 pits bear NE 9 lks, SE 9 lks, NW 9 lks, SW 9 lks, Last mile gently waving, 2nd prairie, -Gravelly grazing land.
- NOTE: It is about 1 mile S. to Pacific Ocean and a point thereof S.26 E - about 10 miles forming a cone, with the main 6th Mile on S. boundary T.1 S., R.15 W., S.31
- 40.00 Set charred Elder stake, and a charred Dogwood & sec. post in a mound from which centres of 4 pits bear N 9 lks. S 9 lks. E 9 lks. W 9 lks.
- NOTE: It is about 1 mile S. to the Pacific Ocean, bold shore, prairie shelving down to Ocean.
- 80.00 Set charred Elder stake and charred Dogwood post in mound, cor. to Secs. 31, T.1 S., R.15 W., Sec. 36 T.1 S., R.16 W., S.6, T.2 S., R.15 W. Sec. 1, T.2 S., R.16 W., from which centres 4 pits bear NE 11 lks, NW 11 lks, SE 11 lks, SW 11 lks.  
Mountain snowy top of peak, as seen at S.E. corner of Township br's. N 70° E -- Another mountain peak as seen from same corner bears N 67.10 W.  
Last mile moderately wavy, 2nd open prairie.  
From S.E. cor. T.1 S., R.15 W. ran with variation of Needle 13° 43' E.
- NORTH  
40.00 1st mile on E. boundary T.1 S., R.16 W.  
Dogwood charred & Sec. post from which
- E. BOUNDARY OF T.1 S., R.16 WEST.
- NORTH  
2 Elders bear N. 6.15 W -- 274 lks, 9 in. diam.  
S. 78.15 E -- 108 lks, 8 in. diam.
- 54.00 To wild sage, etc.
- 62.75 To very high bluff, set flag at -A-  
4th March, 1853.
- From C. in Valley, Flag staff at -A- on high bluff (about 150 feet high) bears S 45 E, measured E. from C 206 lks to B in dry ravine, flag at -A-, bears due S. 153 lks S. to foot of Bluff, course S.W.
- 62.75 On T. line to flag at -A-.
- 2.06 From -A- to B by Triangulation.
- 64.81 Distance on T. line to B.
- 65.00 Crossed dry ravine on 1st mile N. on T. line 35 lks wide, course S.W.
- 80.00 Charred Dogwood stake and walnut post corner to Secs. 25 and 36, T.1 S., R.16 W., Secs. 30 and 31, T.1 S., R.15 W., from which centres of 4 pits bear N.E. 9 lks, NW 9 lks, SE 9 lks, SW 9 lks. and Red Oak S 1° W - 1380 lks, marked x, T. 2 S., R.11 W., S.36, B.T. 36 in. diam.
- First 54 chs. wavy, 2nd open prairie, with some scattering Elder, Residue wavy, 3rd rate, parts 2nd rate, Scrub and wild sage bushes.  
2nd mile on E. boundary of T.1 S., R.16 W.
- 5.00 To hill about 200 feet high
- 10.00 To top of hills
- 27.00 Compelled to offset 4 chs. E. 05 abrupt hills, thence continued the course of true line North
- 33.00 West 4 chs. to T. line.
- NORTH  
40.00 & sec. post, whence bears  
Sumac N 45 E 159 lks. 4 in. dia.  
Sumac S 53 W 63 lks. 3 in. dia.

VAR. of NEEDLE, 13° 43' EAST.  
E. BOUNDARY OF T.1 S., R.15 WEST.

80.00 Set 2nd mile post of Haw in mound, corner to Secs. 19 & 30,  
T.1 S., R.15 W., Secs. 24 and 25, T.1 S., R.16 W., from which a  
species of Haw, S. 64° 30' E. 116 lks. 3 in. diam.  
Haw, N. 64° E. 19 lks. 3 in. diam.  
Haw, N. 45° W. 28 lks. 3 in. diam.

No other bearing convenient.

Last mile wavy and broken, 2nd and 3rd — (chiefly 2nd). Wild sage  
swamp, Dogwood and Haw bushes.

NORTH 3rd mile on E. boundary of T.1 S., R.16 West.

5.00 To rugged scrub hills.

10.50 Set post of thorn, whence bears

Thorn Bush, S. 75° E. 37 lks. 3 in. diam.

Thorn Bush, S. 46° W. 42 lks. 6 in. diam.

Compelled to quit the line on account of abrupt spurs of mountain  
range.

Mountain range bearing N 60° E to E. boundary of T.1 S., R.15 W.,  
or nearly so. Last 10.50 chs. very thick scrub of thorn, wild sage,  
etc. 3rd rate land.

At S.E. corner T.1 S., R.16 W. Island (Santa Catalina) bears  
S. 12.45 E. and S. 11.05 W. Extreme point of land touching Ocean  
S. 13.05 E. (about 12 miles distant). Extreme point to E. of Sea  
Beach S. 28.50 E. about 4 miles at a round bend in the Sea.  
From same corner Dogwood S. 88° 30' W. 1083 lks. 18 in. dia.,  
marked T.2 S., R.16 W., Sec. 1, B.T. Thence on S. boundary of  
T.1 S., R.16 W.

Variation of the needle 13° 43' E.

WEST 1st mile on S. boundary T.1 S., R.16 W.

37.00 Passed about 70 lks South of course.

40.00 Charred Elder stake and Dogwood & sec. post, whence bears a Rancho  
N. 36° E. Rancho named San Antonio.

42.50 To top of a high hill

46.00 To foot of hill, about 250 feet high to valley — bushes.

54.00 Crossed dry ravine 30 lks wide, course S.W.

55.50 To hill

60.00 To top of hill

65.00 To Valley

74.00 Crossed a bold running Branch, pure water, 5 lks wide, course S.  
Sycamore on margin.

77.00 To hill.

79.50 Rose hill about 150 feet high.

S. BOUNDARY OF T.1 S., R.16 WEST.

WEST

80.00

Set charred stake and Dogwood post in mound, corner to Secs. 35 &  
36, T.1 S., R.16 W., Secs. 1 & 2, T.2 S., R.16 W., from which centres  
of 4 pits bear NE 9 lks, NW 9 lks, SE 9 lks, SW 9 lks.

Sycamore N 89 E 505 lks 9 in. dia. and Rancho as noted at last  
& sec. post bears N. 83° 30' E.

First 42.50 chs. moderately wavy, 2nd prairie, Residue

2nd broken scrub of wild sage and Dogwood, Sumac and etc. Good 3rd  
rate, parts 2nd rate.

5th March, 1853.

2nd mile on S. boundary of T.1 S., R.16 W.

3.00 To foot of hill, bearing S. to Ocean.

5.50 To top of hill about 150 feet high, Land gently sloping to Ocean.

32.55 Set charred Elder stake and willow post in a mound 13 lks. East of  
Bank of the Pacific Ocean, from which the centres of 4 pits bear  
N. 11 lks, S. 11 lks, E. 11 lks, W. 11 lks, from same post, an Island  
as noted at S.E. cor. of T.1 S., R.16 W., bears S. 14° 15' E.

VARIATION OF NEEDLE, 13° 43' EAST.  
SOUTH BOUNDARY OF T.18., R.16 WEST.

& S. 69°45' W, Extreme point of land from the Main, as observed at S.E. cor. of T. bears 17° 30' E. General course of Sea Beach (winding) for about 5 miles S 50 E. Last 32.55 chs mostly gradual descent with wild sage, 2nd rate. From last post on bank of Pacific ran W. 1.45 chs. and on side of bluff Set flag at -A- from point in a deep ravine, near its entrance into the Sea Beach, Set a flag due W from -A- at B; thence 145 chs along Beach to C- from C. flag at -A- bears N 59 E - 2 chs. 41 lks.

36.41  
37.41

Distance on 2nd mile, S. boundary of T - to B.  
" " " " " " to stake on Beach.

From stake 100 lks. W. of B. ran along the windings of Sea Beach the Bluff from -A- to B being about 250 feet high.