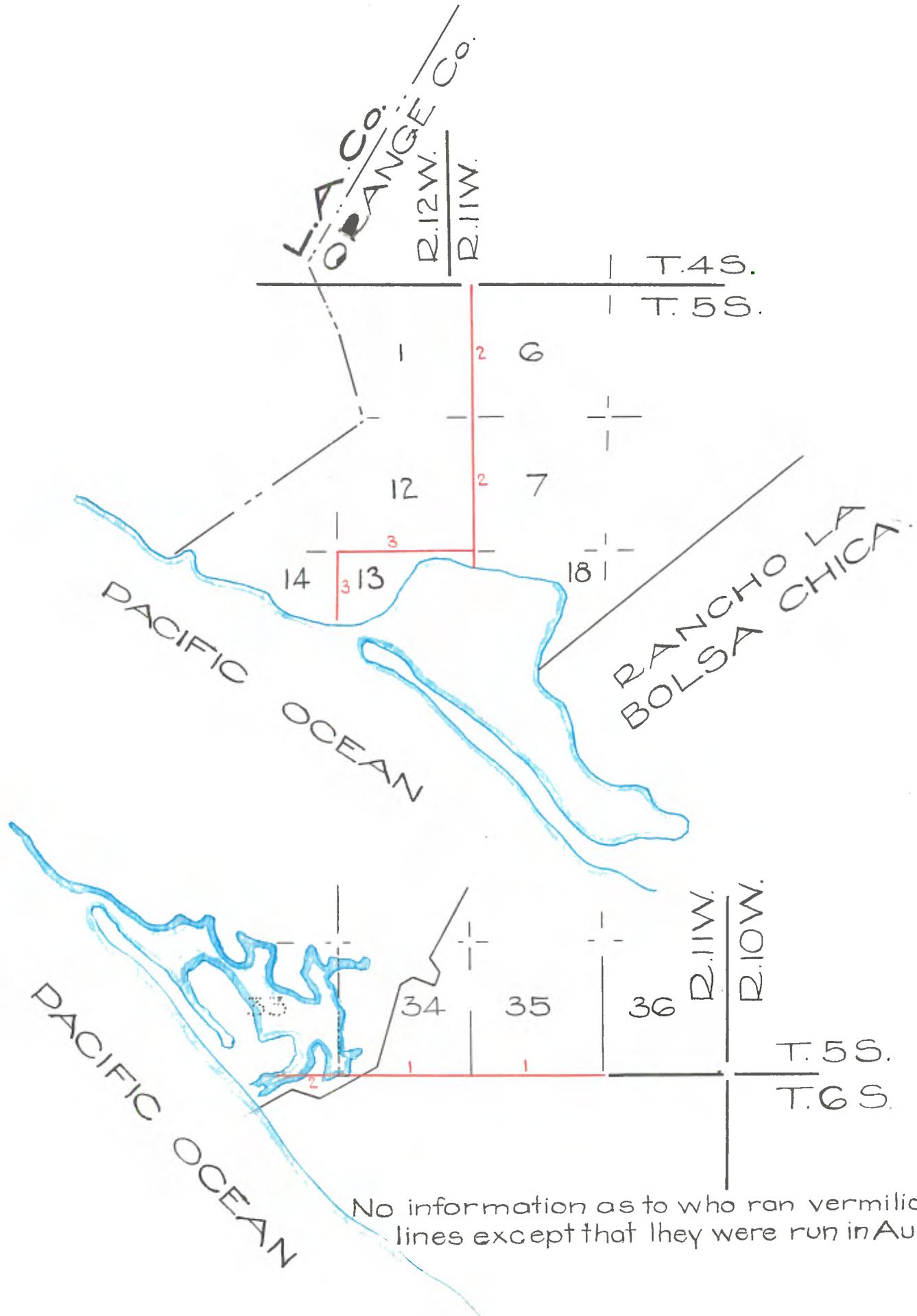


Copied from Photographic Copies
 furnished by
 U. S. General Land Office,
 WASHINGTON, D. C.



No information as to who ran vermilion lines except that they were run in Aug. 1855

TOWNSHIP 5 SOUTH, RANGE 11 WEST,
of the S.B.M.

measure E. on the true South boundary of Sec. 33, 28.86 chs. and set $\frac{1}{4}$ Sec. post and deposit 4 clam shells about 4 inches long, the only thing at hand, and unlike anything else in the vicinity, in mound with trench and pits as per instructions, from which the point of high land on the East before taken bears S. 46° E.

Do do N. $52\frac{1}{2}^{\circ}$ E. and the true N. $44\frac{1}{2}^{\circ}$ E.
Soil mostly 1st rate, but covered with Salt weed and for most part flooded at high tide.

August 15th, 1855.

40.00 Set $\frac{1}{4}$ Sec. post and charred stake in mound with trench and pits as per instructions.
42.50 To same hills.
43.50 To edge of high water mark of an estuary of the Sea, course N.E. some 60 yds. wide, with a Bar at mouth, and drive stake and charred stake from which bears the point of estuary on the W. of entrance S. $72\frac{1}{2}^{\circ}$ W. do do on the E. " "
S. $26\frac{1}{2}^{\circ}$ W.

Monday Aug. 20th, 1855.

WEST BOUNDARY

Arriving at the Table land bordering on the Sea Beach in the Rancho Los Cerritos whereon the 72 mile S.C. is situated—too late in the day to succeed in finding the same and knowing that the West boundary of Sec. 6 could not be run to exceed some 60 chs. tile striking the perp. Bluff of the Pacific Ocean. We leave the same unmeasured and proceed to camp, which had been ordered 6 miles North.

Aug. 20th, 1855.

WEST BOUNDARY
Variation $13^{\circ} 15'$ E.

SOUTH On West boundary of Sec. 6, from the S.C.
1.50 Across dry slough, course S.W.
10.00 Do " " 50 lks. wide, S.W.
22.00 Road course E.
40.00 Set $\frac{1}{4}$ Sec. post and deposit charcoal in a mound with trench and pits as per instructions from which bears a bush on small swamp N. 35° E. Point of terminus of high land, S. $82\frac{1}{2}^{\circ}$ W.
" " " E. 48° E. and a bush on N.E. edge of a swamp, S. 49° W.
43.00 Across dry slough, 20 lks. wide, course S.W.
80.00 Set Sec. post and deposited charcoal in a mound with trench and pits as per instructions, cor of Secs. 1, 6, 7, & 12, from which bush first taken at last corner N. $17\frac{1}{2}^{\circ}$ E. 2° .
do do N. $8\frac{1}{2}^{\circ}$ E. another do S. $43\frac{1}{2}^{\circ}$ E.
Level land, soil 1st rate.

Aug. 18th, 1855.

SOUTH On West Boundary of Sec. 7.

T. 5 S., R. 11 W., OF SAN BERNARDINO MER.

SOUTH on WEST BOUNDARY OF SEC. 7.

- 40.00 Set $\frac{1}{4}$ Sec. post and charred stake in mound with trench and pits as per instructions.
- 72.50 To deep slough, course S.W.
Drive stake in N. edges, and proceed to a point on the S. edge of slough due S. on line from which we measure East 50 lks. from which stake on the N. Side of slough bears N. $29\frac{1}{4}^{\circ}$ W. and at 100 lks. the same bears N. $48\frac{1}{2}^{\circ}$ W. giving by calculation 89 lks. across, Thence on true
Line we have
- 73.39 Across slough, connecting with the inner Bay on the S.W.
- 80.00 Set Sec. post and charred stake in mound with trench and pits as per instructions, cor of Secs. 7, 12, 13, & 18, from which bears the bush before taken, S $18\frac{1}{4}^{\circ}$ W. Tree do do
N. $22\frac{1}{2}^{\circ}$ W.
A bush at small cienega of fresh water at the N.E. base of a lone bank N. $15\frac{1}{2}^{\circ}$ W.
Soil 1st rate and level land.
Last $\frac{1}{2}$ mile salt marsh.

- 2.50 SOUTH on West boundary of Sec. 18,
17.71 A salt water slough, 20 lks. wide, course S.E.
To an impassable inlet extending far into the interior and connecting with a swamp at about 1 mile N.E.
Thence offset
- WEST
17.73 On South Boundary of Sec. 12,
To edge of slough again and leave flag and proceed to a point due West in line on the opposite shore from which we measure S. 50 lks. and find the bearing to the flag to be N. 65° E. and at 100 lks. N. $46\frac{1}{2}^{\circ}$ E. giving by calculation 1.06 chs. across, therefore, at
- 18.79 Across slough, course South.
- 25.00 To another slough, 125 lks. wide, course S.
- 34.25 To head of inlet on South.
- 36.25 Across same and to the base of low hill.
- 40.00 Set $\frac{1}{4}$ Sec. post and charred stake in a mound with trench and pits as per instructions.
At about 10 chs. N.E. of which there is a good spring of fresh water in the S. edge of a swamp.
- 45.00 To top of plain or table land.
- 80.00 Set Sec. post and charred stake in mound, Cor. of Secs. 11, 12, 13, & 14, with trench and pits as per instructions.
First $\frac{1}{2}$ mile 1st rate land but mostly overflowed at high tides; second $\frac{1}{2}$ mile 2nd rate soil.

- SOUTH
29.00 Thence,
Between Secs. 13 & 14,
To Salt marsh.

TOWNSHIP 5 SOUTH, RANGE 11 WEST,

South Boundary.

Variation 13° 15' East.

WEST On South Boundary of Sec. 35,
The South boundary of Sec. 36, having been run on the offset of
the 10th Range line.
40.00 Set & Sec. post and charred stake in mound with trench and pits
as per instructions.
80.00 Set Sec. post and charred stake in mound with trench and pits as
per instructions, cor. of Secs. 34, 35, 3 & 2, from which the
Rancho House of the Rancho Los Bolsas bears N. 14½ E.

WEST On South Boundary of Sec. 34,
31.00 To Base of S. slope of Hill
33.00 To Top of same. a 10
40.00 Set & Sec. post and charred stake in mound with trench and pits
as per instructions on the West face of Hill, d 15
66.00 To W. base of bank of high land, d 80
and to edge of salt marsh 25 lks. wide, along same.
73.17 To edge of salt water lake,
thence,
SOUTH On offset line,
4.50 To Station No. 2,
Thence,
WEST
6.83 On offset line and measure 3 chs. North and
Set Sec. post and charred stake in witness mound with trench and
pits as per instructions on South edge of Lake as witness corner
of Secs. $\frac{33}{4}$ $\frac{34}{3}$ 150 lks. South of true corner to avoid Lake
from which a tree on the South point of a Swamp bears N. 26½ E. and
a point of high or table land N. 37½ E. Do do S. 75° E. and
another do do S. 36° W.
Soil 2d rate.

WEST Thence,
7.50 On offset line of the South boundary of Sec. 33,
To offset stake,
Thence,
NORTH On offset line
1.50 To true South boundary,
thence,
WEST On same.
14.50 To edge of inlet or Lake and drive stake and charred stake at
which plant the flag and proceed to a point due West on line and on
the E. edge of Sand Hills of the Sea Beach from which we measure
due North 10 chs. as a Base for triangulation and find the flag
aforesaid to bear S. 78° 10' E. and from 150 lks. further North
in prolongation of the same Base find the said flag to bear
S. 76¼ E. giving by calculation the distance of 47.36 chs. and
measure from base aforesaid West on the true South Boundary of
Sec. 33, 5 chs. and drive Stake and charred stake at edge of high
water mark of the Pacific Ocean, from which the westerly end of
the Island of Santa Catalina, bears S. 63° W. and E. Do. Do.
do do S. 30½ W. and at which the average range of the
beach is S. 42° E. Again from the base of triangulation aforesaid