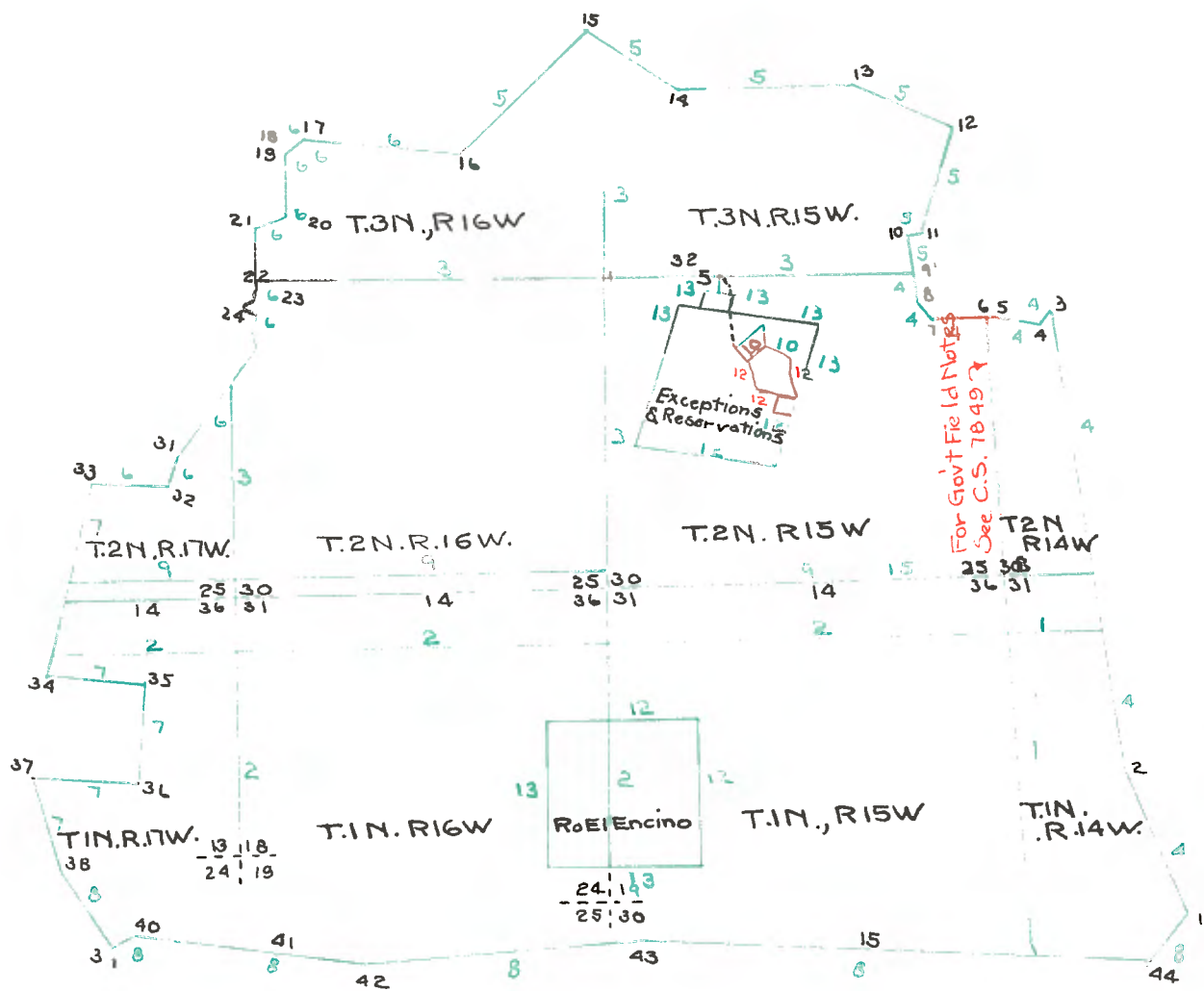


District Court Case No. 1526

Field Notes
Of Exterior lines of lands of the
Ex Mission of San Fernando and
Township and Range lines within same.

Copied from original notes
By Wm. P. Reynolds, Surveyor
filed in Dist. Court Case No. 1526.



In the District Court of the Seventeenth Judicial District of the State of California in and for the County of Los Angeles,

The San Fernando Farm
Homestead Association.

vs.

No. 1526 in Partition.

Eulogio F. de Celis et al.

To The Honorable Commissioners in
Partition in the above entitled cause.

Gentlemen:-

In accordance with your instructions to make a survey of the
exterior lines of the lands of the Ex Mission of San Fernando and reestablish the stations of the Official Survey by the United States of the same and extend the Township and Range lines within the limits of said Official Survey and re-establish the corners thereon, I proceeded to carry into effect said instructions in conformity to the Interlocutory Decree filed in the above entitled cause: a certified copy of which you furnished me as a part of the above mentioned instructions.

In consequence of not receiving the necessary exhibits, viz: the maps and field notes of the former Official Survey from the Plaintiffs in this cause I was obliged to run from a point 140 chains south of the established corner to Township 1 North and 1 South, Ranges 13 and 14 west of the San Bernardino Meridian and retrace the offset base line through Cahuenga Pass to the western exterior limits of the Rancho San Fernando, setting posts and mounds at the stations of said line, a distance of 1643.43 chains; equivalent to 23 miles, 3 chains and 43 links. Land on this line mostly sand, rate with rolling hills.

I then extended the offset south boundary of Township 1 North, Range 14 west of the San Bernardino Meridian from its initial point on the east boundary to the west boundary of said Township, posts, mounds and pits at the proper corners, a distance on the offsets of 1220 chains of 154 miles. Land on this line within the limits of the Rancho is light and sandy, and broken with dry sandy washes.

I then ran out the west boundary of Township 1 North, Range 14 west from a point 87.62 chains south of the offset base line at the foot of broken and impassible hills, and then continued the same north to corner of Townships 1 and 2 North, Ranges 14 and 15 west a distance of 427.50 chains, or 5 miles, 27 chains and 50 links. The land for the 1st mile is good 1st class soil, the next 2 1/2 miles light 2nd rate soil, the last 1 1/2 mile is sandy with cacti and chamiso.

I then retraced the north boundary of Township 1 North, Range 14 west 2 miles east.

This last line is through dense growth of chaparral and cacti with coarse gravelly 2nd rate soil.

I then retraced the offset south boundary of Township 1 North, Range 15 west 6 miles, the line running a little north along the foot of the north slopes of the spurs from the mountains on the south; sometimes cutting over the spurs extending into the plain. 6 miles or 480 chains, setting mile and half mile posts with mounds as per instructions. Land along this line 1st mile; good 2nd rate soil, the next 3 miles 1st rate and the last 2 miles generally hill 2nd rate soil.

I then retraced the west boundary of this Township as delineated on the accompanying map. North from the foot of the north slope of the mountains on the south side of the Rancho and through the Encino Ranch 4 miles 15.52 chains, setting the mile and $\frac{1}{2}$ mile posts, to the corner of Townships 1 and 2 North, Ranges 15 and 16 West. 1st mile and $\frac{1}{2}$ is broken rolling hills, soil 2nd rate. The line through the Encino from this last point is 1st class soil to the dry Arroyo of Los Calabazas; thence to the township corner is loose 2nd rate soil and a little to the east of the line is a scattering growth of Guatamotes.

From this point I retraced the south boundary of Township 2 North Range 15 West. East on a random line 5 miles 76 chains and 76 links setting temporary mile and $\frac{1}{2}$ mile posts, and intersected the south boundary of Township, 336 links south of the corner to Townships 1 and 2 North, Range 15 West, which makes the course back on true line S. 89° 36' W. and the correction 3 chains and 24 links west, and 56 links north per mile.

I then retraced the line back setting the mile and $\frac{1}{2}$ mile posts in their proper places with mounds and pits as per instructions. The first $3\frac{1}{2}$ miles westward is level plain covered with chapparel, scattering elders, laurels, cedars and in places with a dense growth of cactii; the last $2\frac{1}{2}$ miles is nearly level grass plain sloping very gradually south with good 2nd rate soil.

The government not having established any offset south boundary of Township 1 North, Range 16 West, except the Offset Base Line through said Township. I began at the corners to Sections 13, 18, 19 and 24 on line between Ranges 16 and 17 West and run north retracing said Range lines 3 miles setting the mile and $\frac{1}{2}$ mile posts with mounds and pits as per instructions, to the previously established corner to Townships 1 and 2 North Ranges 16 and 17 West. The land along this line is good 2nd rate soil nearly level, sloping gradually north, and on the 1st mile with high rolling grass hills, about 20 chains east and west running parallel thereto.

I then run east on random line on the south boundary of Township 2 North, Range 16 West 5 miles 78 chains and 45 links setting temporary mile and $\frac{1}{2}$ mile posts and intersected the east boundary of the Township 380 links south of the corner to Townships 1 and 2 North, Ranges 15 and 16 West. Therefore the correction will be 155 links West and 63 links north per mile. I then corrected back this line making the true course S. 89° 33' W. setting the section and $\frac{1}{4}$ section posts with mounds and pits as per instructions.

From the corner to Townships 1 and 2 North, Ranges 16 and 17 West, I run west retracing the south boundary of Township 2 north, Range 17 west, 3 miles to a point I consider near the exterior limits of the Rancho San Fernando, rebuilding the old mounds and setting the section and $\frac{1}{4}$ section posts therein as per instructions. The first 2 miles of this line is nearly level plain sloping gradually to the south. The last mile is hilly and broken. From the corner to Townships 1 and 2

North, Ranges 16 and 17 west, I run North retracing the line between Ranges 16 and 17 west $4\frac{1}{2}$ miles setting the section and $\frac{1}{4}$ section posts, mounds and pits as per instructions. First 2 miles nearly level plain sloping gradually south. Third mile hilly, with white and red oak groves to the westward through which runs the Overland Stage Road to San Francisco via Santa Barbara. Soil 3rd rate. The last mile and a half is level plain with scattering oak timber to the end of the line. Soil 2nd rate.

From the corner to Townships 1 and 2 North, Ranges 15 and 16 west, I run north retracing the line between Ranges 15 and 16 West, 6 miles to the established corner to Townships 2 and 3 North, Ranges 15 and 16 West setting section and $\frac{1}{4}$ section posts with mounds and pits as per instructions. The land for the first 2 miles slopes gently south with 2nd rate soil. The third mile is over a ridge with an elevation of about 50 feet above the level of the plain below. The last 3 miles in an table land sloping south is 2nd rate soil, the last $\frac{1}{4}$ mile terminates in broken hills covered with chemical and sage.

Thence retracing the south boundary of Township 3 North, Range 16 West, 75 chains to the termination of the line at the foot of steep broken, and bushy hills running south east from the spurs of the mountains; setting a $\frac{1}{4}$ section post (black walnut) in the old mound, made new pits as per instructions and at the termination of the line set a buck-eye post in old established mound with pits as per instructions. This line is hilly and broken with chemical and sage. Soil 3rd rate.

From the corner to Townships 2 and 3 North, Ranges 15 and 16 West, I run north, retracing the line between ranges 15 and 16 west, 1 mile and 30 chains to the termination of this line setting the section $\frac{1}{4}$ section and fractional section posts in the old established corners with mounds and pits as per instructions. On this line the first $\frac{1}{4}$ mile is over busy and broken hills with coarse gravelly soil, and dense growth of chamise and sage; the balance of the line is across a valley about 2 miles long running nearly east and west, with 2nd rate soil.

From the corner to Townships 2 and 3 North Ranges 15 and 16 west, I run east on the true south boundary of Township 3 North, Range 15 West 5 miles 26 chains and 05 links to a box elder tree 6 in. diam. in the mouth of a gulch running N. 70° W. at the base of a rough steep mountain, setting the section and $\frac{1}{4}$ section posts and fractional post at the end of the line. The first 2 miles of the line east is hilly and broken; has some good land in the narrow valley through which the road passed via Joseph Rice's house, from Los Angeles to Fort Tejon and Owens River. The next two miles is principally 1st quality land with two large meadows in which are numerous springs of pure water, the most westerly of which supplies the cultivated lands with water for irrigation; while from the most easterly the water is taken to irrigate the vineyards at the Mission. The 5th mile is over plain sloping gradually south with coarse clayey soil for the first $\frac{1}{4}$ mile, from that point to the termination of the line it is through cacti and apparal with poor soil.

Exterior Boundaries.

Chains.

After having thus established the Township lines within the limits of the Rancho I commenced to run the exterior lines connecting the Stations of the Official Survey in conformity with your instructions, as follows: to wit: Begin at a Live Oak Post in a rock mound situate on the west side of a narrow valley running N. 10° E., being Station 1 of San Fernando and marked the same S.F. Station 1 and the southwest corner and Station 4 of the Rancho Providencia; from which a live oak tree 10 in. diam. bears S. 67° E. 307 links dist. another live oak 18 in. diam. bears S. 20° E. 520 links dist. Another live oak 13 in. diam. bears S. 48½° E. 314 links dist. an elder stump 5 in. dia. bears S. 23½° W. 103 lks. dist. being the original bearing trees, the first two, to this station the two latter being added by me; thence according to the true meridian the variation of the magnetic needle corresponding to 14°50' E. N. 20½° W. retracing the official line of the Rancho San Fernando, and at

159.43 To intersection of offset to Township line in Township 1 North, Range 14 West of the S.B.M. 35.95 chains east of corner to Sections 16, 17, 20 and 21, and at

210.68 To live oak tree 36 in. diam. blazed and marked S.F. 2 and P. No. 3. I made a new blaze and marked the same S.F. 2 Station. The land along this line for the first 120 chains has good soil; the balance is indifferent 2nd rate soil and sandy.

Thence N. 8° W. still along the line of the official survey of Rancho San Fernando, and at

68.00 Enter chaparral and cactii, and at

180.50 Enter a dry wash from Tujunga Canon, course S. 30° E. and at

190.27 Intersected the line between Townships 1 and 2 North, Range 14 West, 4.93 chains West of corner to Sections 4, 5, 32 and 33 and at

247.00 Leave dry wash course S. 20° E. and enter cactii and chaparral, and at

388.00 To post in rock mound marked T. 14 Station and southwest corner of the Official Survey of Rancho Tujunga situate on the S.W. slope of a low hill.

527.00 Enter dry wash of Tujunga course S. 48° W.

579.00 Leave " " " " " and enter

" " " Little Tujunga course S. 15° W.

622.00 To a rock mound being station 3 of the Official Survey of Rancho Ex Mission San Fernando and Station 1 of the Official Survey of Rancho Tujunga. I marked Red Granite Rock 20x14x12 inches S.F. 3 Station; Soil on this line 3rd rate.

A sycamore 17 in. diam. bears S. 50½° E. 150 links distant.

Another sycamore 22 in. diam. bears N. 13½° W. 391 links distant.

Both original bearing trees;

Thence S. 81° W. along south base of mountain.

10.50 Set a Laurel stake in stone mound and marked the same S.F. 4 Station

Thence N. 82½° W.

21.50 Set a Laurel stake in stone mound and marked the same S.F. 5 Station

Thence N. 74½° W.

64.00 And set an Elder stake in stone mound and marked the same S.F. 6 Station. Thence S. 82° W.

3.76 To intersection of line between Ranges 14 and 15 West, Township 2 North S.B.M. 177 links north of ¼ section corner between Sections 1 and 6 and at

49.50 Set an elder stake marked S.F. 7 Station in rock mound in the middle of an old road running S. 65° E. and N. 65° W.

A forked Box Elder tree 10 in. diam. bears

S. 78½° E. 182 links distant

Thence N. 41° W. along S.W. slope of the mountains

22.50 Set a Buck-eye post in rock mound marked S.F. 8 Station

Thence N. 20° W.

12.00 Set a Laurel stake in stone mound and marked the same S.F. 9 Station

Thence N. 5° W. along the W. base of the mountains.

12.37 To intersection of line between Townships 2 and 3 North, Range 15 West 18.42 chains east of corner to Sections 1, 2, 35 and 36. Set a Laurel post in mound of rock and earth, and marked the same S.F. on its west face, and at

53.50 To a point on the left and east side of Pacoima Canon. Set a sycamore stake on the point of bluff in rock mound and marked the same S.F. 10 Station. Thence N. 50° E.

6.00 Set a sycamore stake in rock mound and marked the same S.F. 11 Station; from which a sycamore tree 15 in. diam. bears N. $11\frac{1}{2}^{\circ}$ W. 26 lks. distant. Thence N. $16\frac{1}{2}^{\circ}$ E. along the left and east side of the dry wash from Pacoima Canon.

105.00(H) To old stake in rock mound marked S.F. 12 Station. Soil from Station 3, middling 2nd rate; Thence N. 66° W.

17.00 Cross Pacoima Canon running S. 20° W. and run along the south base of San Fernando Mountains;

80.00 To a point on the west slope of a small spur running north and south with low chimesal

Set a laurel stake in stone mound and marked the same S.F. 13 Station Soil 3rd rate. The center of Mission Buildings bears S. $34\frac{1}{2}^{\circ}$ W. Thence S. 86° W. still along the base of the south slope of the San Fernando Mountains.

80.00 To a point from which the center of the Main Mission Buildings at San Fernando bears S. $21\frac{1}{2}^{\circ}$ W. and at

(276.50 Set a Laurel stake in a small stone mound on the east slope of a low spur of mountains. Marked stake S.F. 14 Station. Soil 2nd rate. Thence N. $54\frac{1}{2}^{\circ}$ W. over low spurs of mountains running S.W. and at

26.00 To summit of main ridge of spur on the east side of a small valley running S. 10° E. and N. 10° W.

52.00 Across valley to rugged and steep precipitous mountain, and being unable to measure across the same with any degree of accuracy, Iran a traverse line from a point on this line at 29.00 chains as follows,

S. $45\frac{1}{2}^{\circ}$ W.	31 chains;	thence
S. $15\frac{1}{2}^{\circ}$ E.	5.44 "	"
S. 51° W.	3.64 "	"
S. $69\frac{1}{2}^{\circ}$ W.	23 "	in mouth of canon leading to the San Fernando Pass. Set traverse post marked 1V; thence up canon
N. $45\frac{1}{2}^{\circ}$ W.	28.00 chains;	thence
N. $70\frac{1}{2}^{\circ}$ W.	10.24 "	"
N. $50\frac{1}{2}^{\circ}$ W.	10.50 "	"
N. $24\frac{1}{2}^{\circ}$ W.	30.50 "	"
N. $11\frac{1}{2}^{\circ}$ W.	7.00 "	house occupied by Akers bears N. $11\frac{1}{2}^{\circ}$ W. about 75 links distant; thence
N. $46\frac{1}{2}^{\circ}$ E.	5.77 "	thence
N. $55\frac{1}{2}^{\circ}$ E.	7.80 "	"
N. $8\frac{1}{2}^{\circ}$ E.	16.80 "	to a point for Station 15. Set an Elder Post 4 feet long and 5 inches square in rock and earth mound marked S.F. 15 Station, making the course and distance N. $54\frac{1}{2}^{\circ}$ W. 132 chains from which a sycamore tree 15 in. diam. bears S. 1° E. 1.11 chains distant

A live oak 16 in. diam. bears S. $34\frac{1}{2}^{\circ}$ W. 3.53 chains distant

The line from this point is over very steep, rugged, broken and inaccessible mountains and cannot be measured direct; therefore I take the line from this Station to Post 1V and run thence on traverse courses to a Black Walnut tree 8 in. diam. marked S.F. 16 Station standing on the northern slope near the summit of a high mountain of the Santa Susanna Range. My traverse making the course and distances from Station 15 to this point in a direct line S. $47^{\circ} 40'$ W. 184.47 chains, while the official course gives S. $47\frac{1}{2}^{\circ}$ W. 182.00 chains the difference being within the limits of admissable error allowed by law. I adopt the official course and distance as the true one between said Stations 15 and 16. Soil 2nd rate.

From Station 16 I traversed along the most accessible line on the mountain and after having made my course and distance for Station 17 and not finding any tree to correspond with the one called for in the official survey, I connected this traverse with Station 18 of the official survey and retraced the line from said Station 18 to Station 17 a Post Oak tree 22 in. dia. marked S.F. 17 Station and find that the true course and distance between said Station 16, the Black Walnut and Station 17 the Post Oak to be N. $80\frac{1}{2}^{\circ}$ W. 154.63 chains. Soil 2nd rate. I therefore adopt the result of my traverse between Stations 16 of the Black Walnut and 17 the Post Oak tree, to wit: N. $80\frac{1}{2}^{\circ}$ W. 154.63 chains Thence S. 75° W.

26.50 To a post marked S.F. 18 Station in a large corral Lime rock mound, the post being considerably decayed I set a Post Oak post marked S.F. 18 Station on the summit of a high smooth mountain of the Santa Susanna Range. This corner has been a station of the U.S. Coast Survey. Thence S. 38° W. descending west slope of ridge of mountain.

15.00 Set a Black Walnut stake marked S.F. 19 Station in a sandrock mound. Thence S. $4\frac{1}{4}^{\circ}$ W.

62.50 Set a Black Walnut stake marked S.F. 20 Station in mound of rock Thence S. $77\frac{1}{2}^{\circ}$ W.

47.00 Cross a stream of water 5 links wide in center of canon course S. 35° W.

60.00 Set a Black Walnut stake marked S.F. Station 21 in rock mound. Thence S. $13\frac{1}{2}^{\circ}$ W.

35.00 Cross a stream of water 10 links wide, course S. 70° W.

70.00 The house of Mormon bears east 30 links distant is therefore in the Rancho

88.00 Set a sycamore stake marked S.F. 22 Station. Thence S. 7° E.

27.00 Set a sycamore stake marked S.F. 23 Station Thence S. 83° W.

1.00 Set marked stake S.F. 24 Station 20 links from top of steep ridge on south slope. Thence S. 7° E. descend into ravine.

10.50 Set marked stake S.F. 25 Station; Thence S. 24° E.

2.50 Set marked stake S.F. 26 Station; Thence S. 15° W.

5.00 Set marked stake S.F. 27 Station; Thence S. 5° W.

1.00 Set stake marked S.F. 28 Station; Thence S. $22\frac{1}{2}^{\circ}$ W. retracing line of official survey.

7.00 Set stake marked S.F. 29 Station; Thence S. 41° W.

3.50 Across stream of water 50 links wide running S. 76° E. Another stream comes in from N. 15° E. and joins stream last crossed at a point bearing N. 76° E. 3 chains distant.

6.00 Set stake marked S.F. 30 Station on north slope of hill in chapparal. Thence S. 38° W. retracing line of official survey.

34.92 Base of low sandrock hills east and west.

40.92 Small adobe house of Tomas Felix bears north about 3 chains distant From Station 15. Soil 2nd rate. Mountainous.

90.42 To intersection post of San Fernando on Range line between 17-16 West 1.27 chains north of corner to Sections 7, 12, 13 and 18 on south edge of road and follow along same over level plain; 1st rate soil.

112.79 To a white oak 38. in. dia. House of Ramon Hererina N.W. 100 links

174.42 Cross overland Stage Road N. 43° W. about 12 chains from the east base of the Santa Susanna Range of Mountains.

House of Workman about 30 chains S. 40° E.

272.00 Dead white oak stump marked S.F. 31 Station. Thence S. 39° W.

8.30 To point on northern slope of low rolling hill. Stake marked S.F. 32 Station; Soil 1st rate; Thence N. $85\frac{1}{2}^{\circ}$ W. Retracing line of official survey. Soil 2nd rate.

29.00 A small adobe cabin at the foot of hills bears N. $18\frac{1}{2}^{\circ}$ W. about 8 chains distant.

- 59.00 Cross arroyo 20 links wide, in centre of ravine-comes from N. 7° W. and runs S. 27° E.
- 72.00 Raised a mound of rock on top of large sandstone-out cropping on east face of Rocky Mountains of Santa Susanna marked S.F.S.11. Set Black Oak stake marked S.F. 33 Station. Soil 2nd rate. Thence S. $12\frac{1}{2}^{\circ}$ W. over rugged rocky spurs of mountains.
- 130.50 Cross arroyo 30 links wide in center of brushy ravine; also cross old road east and west. Small valley about 8 chains wide runs east about 20 chains to main valley with chapparal and scattering oak timber at mouth of valley at junction with main valley.
- 182.30 Intersect south boundary of Township 2 North, Range 17 West, 15.92 chains east of corner to Sections 3, 4, 33 and 34.
- 205.10 To a forked white oak tree 25 in.diam. being Station 34 of San Fernando, and Station 4 and northwest corner of the official survey of Rancho El Escorpion. Soil 2nd rate.
A white oak tree 25 in. diam. bears N. $81\frac{1}{2}^{\circ}$ W. 3.20 chains distant.
Another white oak 20 in.diam. bears S. 7° W. 1.68 links.
Another white oak 20 in.diam. bears S. $31\frac{1}{2}^{\circ}$ E. 167 links distant
Thence S. 84° E.
- 105.34 To Red Oak Post in a mound of stones marked S.F. 35 Station and Station 3 and northeast corner of Rancho El Escorpion. Soil 1st rate.
A white oak tree 5 feet in diam.bears S. 5° E. 13.71 chains distant
Another white oak 52 in.diam. bears S. $43\frac{1}{2}^{\circ}$ E. 11.10 chains distant
Thence S. 6° W.
- 105.34 To a redwood post marked S.F. 36 Station, and Station 2 and southeast corner Rancho El Escorpion. Soil 1st rate.
A white oak 27 in.diam. on west slope of hill bears S. $35\frac{1}{2}^{\circ}$ W. 9.66 chains distant.
Another white oak 17 in.diam. bears S. 31° W. 9.43 chains distant
Another white oak 15 in.diam. on point of low hill bears N. 17° E. 10.53 chains distant, this tree has an old cross marked on it, West end of small cabin on ridge of low hill bears N. 3° W. about 4 chains distant.
Thence N. 84° W.
- 105.34 Set a black oak stake marked S.F. Station 37 in mound of rock and earth, being Station 1 and southwest corner of Rancho El Escorpion, Station at the East base of the ridge called Sierra Santa Susanna. Soil 2nd rate. Thence S. $32^{\circ}37'$ E. leaving the Rancho El Escorpion over rolling grassy hills.
- 17.00 Cross road from El Escorpion to Las Virgines north and south.
- 23.50 N.E. cor. of house of M. Leonis West 60 links.
- 29.50 Across dry arroyo/course north
A spring (fenced in) bears west 80 links distant
- 155.00 Cross a road: A house north about 8 chains.
- 161.51 To a live oak tree 45 in. diam. marked on the west side with a D+; this Oak is on the north side of old road from Los Angeles to Santa Barbara, course West, the road now runs on the east side of tree up the bank 60 links from tree and then turns west and meets the old road about 11 chains west of tree; Soil 2nd rate.
A red oak 45 in.diam.bears N. 85° E. 64 links distant across road N.W. and S.E. in dry arroyo.
A white oak 25 in.diam.bears N. $41\frac{1}{2}^{\circ}$ E. 181 links distant.
A three pronged Black Oak stump 5 feet high 23 in.diam.bears N. $39\frac{1}{2}^{\circ}$ E. 184 links distant. Marked on Live Oak S.F. 38 Station
The official course was S. $33\frac{1}{2}^{\circ}$ E. 158.00 chains making a difference of 0.53' in the course and 3.51 chains in the distance, which over good ground is beyond the limit of admissible error, and I adopt as the true course that which I have given above.

- 44.96 Thence S. $36\frac{1}{4}^{\circ}$ E.
Intersect offset Base Line at a point 133.35 chains west of corner 58 chs. south of corner to Sections 13, 18, 19 & 24 on line between Ranges 17 and 16 west Township 1 North.
- 76.70 To blazed white oak tree 28 in. diam. and marked as Station 39 S.F.
A red oak 20 in. diam. bears S. $53\frac{1}{2}^{\circ}$ E. 131 links distant
A white oak 25 in. diam. bears N. 86° E. 194 links distant
The official course called for here was S. $53\frac{1}{2}^{\circ}$ E. 92.00 chains distant; the two stations being natural objects I connect them as above set forth. Soil 2nd rate.
- 25.00 Thence N. $58\frac{1}{2}^{\circ}$ E.
To Live Oak tree 35 in. diam. S.F. 40 Station.
A Live Oak tree 19 in. diam. bears S. $77\frac{1}{2}^{\circ}$ W. 5 chains distant
A forked scrub Red Oak 25 in. Soil 2nd rate-----diam. bears S. $37\frac{1}{4}^{\circ}$ W. 194 links distant.
- 39.00 Thence N. 89° E.
To a brown sandstone rock 24 x 9 x 4 in. marked S.F. 41 Station. Soil 2nd rate.
- 272.00 Thence S. $65\frac{1}{4}^{\circ}$ E. over rough mountain range.
To a sandstone rock 12 x 12 x 10 in. marked S.F. 42 Station at a high point on the mountain. Broken mountains. 3rd rate soil;
- 327.97 Thence N. $87\frac{1}{2}^{\circ}$ E. over rugged mountain.
To an irregular mound of rocks on a very high peak about 800 feet above the San Fernando Valley. Found large sandstone rock 24x16x8 in. marked with letters S.F.: marked same S.F. 43 Station and made irregular rock mound. Broken mountains 3rd rate soil.
The corner at Sections 19, 24, 25 and 30 on line between Ranges 15 and 16 West, bears N. $23\frac{1}{2}^{\circ}$ W. 107.11 chains distant
The official course here was N. 84° W. 345 chains distant but by 2 traverses run by me I find the same to be as above set forth.
- 680.50 Thence S. 87° E. over rough broken bushy chapparal mountain.
To a sandstone rock marked S.F. 44 Station buried in earth with a face 14 inches in diameter cropping out of same. Station on the south side of the road from Los Angeles to San Fernando, course N.W. and on the summit of the Cahuenga Pass, from which
A sandstone rock boulder running north and south bears S. $54\frac{1}{2}^{\circ}$ W. 3.80 chains distant
Buried sandstone 34x10x8 inches, marked S.F. 44 Station in sand mound
The official course here called for was S. $83\frac{1}{4}^{\circ}$ E. 668.00 chains. After running three traverses I find the course and distance as near as may be to correspond to that herein set forth. Broken mountains. Soil 3rd rate. Thence N. $7\frac{1}{4}^{\circ}$ E.
- 1.50 Cross main Overland Stage Road, N. 35° W. house of Faustino bears N. 37° W. 7 chains distant.
- 61.34 To stake in stone mound S.F. 1 Station and Station 4 La Providencia the point of beginning. Containing 121.542-36/100 acres.
And making the actual distance run to connect the official station on true courses and distances by direct and traverse lines 83 miles 47.77 chains.

Therefore, in conformity with further written instructions from your Honorable Body, I ran a temporary division line at the request of the Plaintiffs and Defendant Celis beginning at a Sycamore Post in a rock mound on the eastern exterior boundary of the Rancho San Fernando at a point N. 8° W. 271.30 chains from Station 2 of the official survey, and run
West, parallel to the south boundary of Township 2 north, Range 14 West
143.84 To the corner to Sections 25, 30, 31 and 36 on line between Ranges 14 and 15 West, Township 2 North of the San Bernardino Meridian

- Thence S. 89°36' W. on line parallel to the South boundary of Township 2 north, Range 15 west
- 476.64 To the corner to Sections 25, 30, 31 and 36 on line between Ranges 15 and 16 West, Township 2 North; Thence N. 20 chains;
- Thence S. 89°33' W. on line parallel to the south boundary of Township 2 North, Range 15 West
- 476.10 To the line between R. 16 W. & 17 West 20 chs. north of the corner to Sections 25, 30, 31 and 36 on line between Ranges 16 and 17 West Township 2 North
- Thence West
- 202.25 To the western exterior boundary of the Rancho San Fernando and set a Black Oak Post in Rock mound; from which Station 34 of the Official Survey of the Rancho San Fernando bears S. 12½° W. 125.40 chains.

Containing South of this line 65.372 58/100 acres and
 " North " " " 56.169 78/100 " and

Total area of the 2 dividends 121.542.36 acres

Making the actual distance run on this temporary division line 16 miles, 38.79 chains.

From the foregoing I am of opinion that the land on the whole is of average good, second rate soil.

There are some tracts of land of 1st quality soil, to-wit: a portion of Township 1 North, Range 17 West; a strip of land along the north base of the spurs of mountains coming from the south in Township 1 North, Ranges 14 and 15 West; also a portion of land in Township 3 North, Range 15 West containing about 1,000 acres.

The soil north of the temporary division line is about 1/5 more than in the portion south of said land, and will about equal in quality and quantity the excess of land on the southern boundary in the mountains, which is covered with dense chapparal.

As the Commissioners have visited all portions of the Rancho San Fernando and have from time to time been shown by me the different Stations of the same and the Township and Range lines therein, they will have no difficulty in recognizing the different classes of land herein set forth as the true estimate to be placed in making the division of the Rancho.

Exceptions and Reservations.

Exception No. 1 as follows, to-wit:

Tract No.	1	or	Lot	38
"	"	2	"	39
"	"	3	"	40
"	"	4	"	41
"	"	5	"	42
"	"	6	"	43
"	"	7	"	44
"	"	8	"	45

As set forth in the Interlocutory decree.

I surveyed as follows: Begin at the west corner of the adobe wall of Tract No. 2, Lot 39 being the Vineyard in rear of Main Mission Buildings from which the section corners between Sections 32 and 5 in Townships 3 and 2 North, Range 15 West S.B.M. bears N. 17° 46' W. 104 chains and 70 links distant; thence according to the true meridian the variation of the magnetic needle being 15° 03' E. N. 74° E.

Along the adobe wall.

25.97 To north corner of same and set granite rock 12x12x10 marked 2 station

Thence S. 15° E along eastern wall of Vineyard

11.97 To end of adobe wall and set granite rock marked 3 Station

Thence S. 27° W along adobe wall

2.66 Set rock marked 4 Station.

Thence S. 83° W.

1.75 Set stake marked 5 Station at corner of adobe wall.

Thence S. 75° W.

1.74 Set stake marked 6 Station at corner of wall.

Thence S. 63° W.

3.51 Set stake marked 7 Station at corner of adobe wall.

Thence S. 76° W.

1.90 Set stake marked 8 Station at corner of adobe wall.

Thence S. 78° W.

1.94 Set stake marked 9 Station at corner of adobe wall.

Thence S. 57° W.

5.22 Set stake marked 10 Station at corner of adobe wall.

Thence S. 70° W.

5.62 Set stake marked 11 Station at corner of adobe wall.

Thence N. 35° W.

16.97 To point of beginning.

Containing 36.23 acres.

Tract No. 1 Lot 38.

Begin at a marked granite rock 15x8x4 at the southwest corner of main Mission Building. Va. 15° 03' E.

And run North on West side of Building.

1.69 To granite rock 8x4x4. 2 Station.

Thence S. 89° E.

1.63 To granite rock 12x8x4. 3 Station.

Thence N. 64° E.

1.77 To granite rock 13x8x5. 4 Station.

Thence N. 20° W.

4.95 To granite rock 11x8x6. 5 Station from which Station 4 of Tract 2 Lot 39 bears N. 114° E. 139 links dist.

Thence N. 70° E.

2.09 To granite rock 10x8x4. 6 Station.

Thence S. 22° E.

0.95 To granite rock 8x4x3. 7 Station.

Thence N. 71° E.

0.32 To granite rock 8x4x3. 8 Station.

Thence S. 19° E.

Along wall of church.

0.13 To granite rock 13x8x7. 9 Station.

Thence N. 70° E.

3.44 To granite rock 10x8x4. 10 Station.

Thence S. 17° E.

1.86 To granite rock 12x11x4. 11 Station.

Thence S. 71° W.

0.61 To granite rock 8x6x3. 12 Station.

Thence S. 15° E.

4.00 To conglomerate sandrock 8x8x5. 13 Station.

Thence S. 77° W.

4.50 To granite rock 10x6x4. 14 Station.

Thence S. 34° E.

1.39 To granite rock 17x8x7. 15 Station.

Thence N. 89° W.

4.29 To point of beginning.

Containing 3.95 acres.

Chains.

TRACT NO. 3, LOT 40.

Begin at Station 1 of Tract No. 1 Lot 35 and run for connection line S. 55° W. Va. 14°35' E.

4.32	To northeast corner of old adobe house and point of beginning.		
	Set sandstone 12 x 8 x 3.	1 Station.	Thence S. 25° W.
2.42	To sandstone 17 x 11 x 4.	2 Station.	Thence N. 65° W.
0.54	To granite rock 17 x 17 x 8.	3 Station.	Thence N. 25° E.
2.42	To granite rock 17 x 8 x 7.	4 Station.	Thence S. 65° E.
0.54	To point of beginning.	Containing 13/100 acres.	

TRACT NO. 4, LOT 41.

From Station 3 of Tract 3 Lot 40 run, S. 25° W.

0.44	To Station 1 and northwest corner of Tract No. 4, Lot 41.		
	Set a granite rock 8 x 5 x 4.	1 Station.	Thence S. 25° W.
2.42	To granite rock 17 x 11 x 7.	2 Station.	Thence S. 65° E.
0.54	To granite rock 3 x 3 x 3.	3 Station.	Thence N. 25° E.
2.42	To granite rock 17 x 8 x 5.	4 Station.	Thence N. 65° W.
0.54	To point of beginning.	Containing 13/100 acres.	

TRACT NO. 5, LOT 42.

From Station 4 of Tract No. 3, Lot 40 run N. 65° W.

0.44	To granite rock 7 x 7 x 4.	1 Station.	Thence N. 65° W.
3.32	To sandstone 8 x 8 x 5.	2 Station.	Thence S. 25° W.
0.54	To granite rock 14 x 8 x 7.	3 Station.	Thence S. 65° E.
3.32	To sandstone 15 x 7 x 5.	4 Station.	Thence N. 25° E.
0.54	To point of beginning.	Containing 18/100 acres.	

TRACT NO. 6, LOT 43.

From Station 2 Tract 4 Lot 41 run N. 65° W.

0.44	To granite rock 8 x 7 x 6.	1 Station.	Thence N. 65° W.
3.11	To granite rock 7 x 7 x 5.	2 Station.	Thence N. 25° E.
0.54	To granite rock 8 x 6 x 4.	3 Station.	Thence S. 65° E.
3.11	To (Syenite) granite rock 8 x 6 x 4.	4 Station.	Thence N. 25° W.
0.54	To point of beginning.	Containing 16/100 acres.	

TRACT NO. 7, LOT 44.

From Station 15 Tract No. 1, Lot 35, run S. 57½° E.

3.67	To granite rock,	1 Station.	Thence East
0.71	To granite rock 9 x 9 x 8.	2 Station.	Thence South
7.00	To granite rock 17 x 12 x 8.	3 Station.	Thence West.
0.71	To granite rock 11 x 8 x 7.	4 Station.	Thence North.
7.00	To point of beginning.	Containing 50/100 acres.	

Tract No. 5, Lot 45.

Chains.

From Station 2 Tract No. 5. Lot 42 run S. 58° E.
8.33 Set a syenite rock 21 x 11 x 8. 1 Station. Thence S. 13° W.
18.17 Set a granite rock 8 x 6 x 4. 2 Station. Thence S. 78° E.
18.48 Set a granite rock 12 x 5 x 4. 3 Station. Thence N. 12½° E.
18.20 Set a granite rock 18 x 7 x 5. 4 Station. Thence N. 78° W.
18.20 To point of beginning. Containing $33\frac{27}{100}$ acres.

Exception No. 2

Second Exception or Reservation. The Garden Orchard and Vineyard which lie immediately in front of the principal Mission Building, with the boundaries as fixed by the adobe walls and wooden fences as they were July 2nd, 1869, which enclose the same, is identical with Tract No. 5, Lot 45. And the Vineyard and Orchard which lie in rear of the principal Mission Building with the boundaries thereof as the same were on the 2nd day of July 1869 fixed by the adobe walls and fences then including the same is identical with Tract 2 Lot 39. The land lying between the said Garden Orchard and Vineyard in front of the said principal Mission Building. And the said Orchard and Vineyard in rear of said Mission Building I surveyed as follows:

Chains

Begin at the south corner and Station 11 of Tract No. 2 Lot 39 and run S. 56½° E.

9.87	To granite rock at Station 2. Tract No. 5 Lot 42.	Thence S. 58° E.
8.33	To Station 1 of Vineyard Tract No. 5 Lot 45.	Thence S. 78° E.
18.18	To Station 4 of Vineyard Tract No. 5 Lot 45.	Thence N. 15½° W.
21.52	To granite rock 11x9 x 5 marked F Station.	Thence N. 61½° W.
7.10	To Station 3 of Tract No. 2 Lot 39 (Vineyard)	Thence S. 27° W.
2.66	To Station 4 of Tract No. 2 Lot 39	Thence S. 83° W.
1.75	To Station 5 " " " " " 39	Thence S. 75½° W.
1.74	To Station 6 " " " " " 39	Thence S. 63½° W.
3.51	To Station 7 " " " " " 39	Thence S. 76° W.
1.90	To Station 8 " " " " " 39	Thence S. 78½° W.
1.94	To Station 9 " " " " " 39	Thence S. 57½° W.
5.22	To Station 10 " " " " " 39	Thence S. 70° W.
5.62	To Station 11 " " " " " 39	

Containing 41.86 acres.

Exception No. 3. Third Exception or Reservation
Rancho El Encino.

From a black walnut tree 12 in. diam. marked E No. 1. one of a cluster of four Black walnuts standing on the summit of a low isolated hill near the foot of the mountains on the south side of the valley of San Fernando and run North. Va. 14°43' E.

Over level plain.

210.68 To post in mound marked E 2 and S.F. Thence

West over level plain

132.25 Intersect line between Ranges 15 and 16 West, in Township 1 North, S.B.M. 14.65 chains South of corner to Sections 1, 6, 7 and 12.

210.68 To Redwood Post mound and pits marked F No. 3 and S.F. Thence South over level plain.

88.75 Cross Stage Road from Los Angeles to Santa Barbara N. 50° W. and S. 50° E.

Chains.

89.50	Pass the east edge of a small isolated hill in plain.
147.10	Cross old Los Angeles and Santa Barbara Stage Road N. 70° E. and S. 80° W
150.50	Pass the extreme west edge of the Oak Grove of the Encino
183.80	Base of hill and ascend.
199.00	Top of hill and along ridge.
210.68	To post in rock mound on east slope of ridge about 100 lks. from top marked E. No. 4 and S.F. from which
	A white oak tree 8 in. dia. bears N. 54° E. 17 lks. dist. Thence
81.45	East over broken rolling hills.
	Intersect line between Ranges 15 and 16 West in Township 1 North,
	14.57 N. of cor. to Secs. 19, 24, 25 and 30.
212.78	To the point of beginning. Containing 4460.73 acres.

Exception No. 4.
Fourth Exception or Reservation.

Maria Los Angeles Felix de Burrows Tract.

	Begin at a mound of rocks from which the $\frac{1}{4}$ section corner between Sections 32 and 5, Townships 3 and 2 North, Range 15 West, S.B.M. bears N. 16 $\frac{1}{2}$ ° W. 42.86 chs. dist.
	and run N. 79° W.
41.74	To rock mound marked sandrock. M.F.B. 2 Station. Thence S. 11° W.
42.23	To stake in stone mound marked M.F.B. 3 Station. Thence S. 79° E.
42.34	To a granite rock 32 x 20 x 16 M.F.B. 4 Station. Thence N. 10° E.
42.35	To point of beginning. Containing 177.75 acres or 1000 varas square.

Being the same tract on which the said Burrows now resides, and situate at the mouth of the Canada. The house of said Burrows being in the centre of the Tract.

Supplement to Exception No. 2.

The 1000 acres adjoining and including the Garden, Orchard and Vineyard which lie immediately in front of the principal Mission Building and 1000 acres of land including the Vineyard and Orchard which lie in rear of the main Mission Building I hereby surveyed and segregated as follows, to-wit:

	From granite rock marked M.F.B. 4 Station being the southeast corner of Maria Los Angeles Felix de Burrows tract marked it P.R.1
	run S. 80 $\frac{1}{2}$ ° E. Va. 14° 50' E.
55.45	To granite rock Station 2 of Tract No. 2 Lot 39
	Vineyard in rear of principal Mission Building.
78.00	To post in mound P.R. 2 Station. Thence S. 12 $\frac{1}{4}$ ° W.
32.53	To granite rock Station 4 of Tract No. 8 Lot 45 (Vineyard in front of principal Mission Building).
50.73	To granite rock, Station 3 of Tract No. 8 Lot 45.
148.50	To granite rock 32 x 16 x 16 P.R. 3 Station in earth mound.
	Thence N. 80° W. Over level plain.
140.34	To granite rock 17 x 16 x 15 P.R. 4 Station in earth mound
	Thence N. 12 $\frac{1}{4}$ ° E.
	Over level plain.

Chains

- 148.50 To granite rock 12 x 8 x 5 P.R. 5 Station in rock mound
Thence S. 79 $\frac{1}{2}$ ° E.
- 20.00 To stake in stone mound. Station 3 of Maria Los Angeles Felix de
Burrows Tract.
- 62.34 To point of beginning. Containing 2076.97 Acres.

From which quantity of 2076.97 acres there is to be excluded the 6 building tracts of the Mission Establishment 5.05 acres and Vineyard Tract 8 Lot 45 of 33.27 acres and the vacant land between the vineyards less the 6 building tracts above mentioned of 36.81 acres, a total of 75.13 acres. Leaving a clear area including Tract 2 Lot 39 within the lines of the 2,000 acre reservation of 2001.84 acres.

The 2,000 acre reservation was laid out in a rectangular shape with Vineyard Tract 2 Lot 39 included in boundary and quantity in conformity with the deed of Pio Pico to the Plaintiffs and also in the findings of the Referee H.K.S. O'Melveny Esq. to which had recourse as explanatory of the Interlocutory Decree in this case.-

Tract 8 Lot 45 the vineyard in front of the principal Mission Building and vacant lands between the vineyards are excepted in quantity but included within the boundaries thereof.

In conformity with your instructions of March 1871 I run the division line as in said instructions directed and numbered the stations from the point of beginning to the end of each division as in said instructions directed as follows, to-wit;

Beginning at a point on the eastern exterior line of the Rancho Ex-Mission de San Fernando, a live oak tree 36 in. diam. Station 2 of the official survey of the said rancho, and Station 3 of the final and official survey of Rancho Providencia, and run thence, having marked the same H.A. 1 Station

N. 5°W. along the line of the official survey of the said Rancho Ex-Mission San Fernando, and at

- 190.27 Intersect the line between Townships 1 and 2 North, Range 14 West of the San Bernardino Meridian, and at

- 271.30 To a sycamore post in rock mound marked H.A. 2 Station.
Thence west setting mile and $\frac{1}{2}$ mile posts in mounds of rock and earth, and at

- 143.84 To the corner to Sections 25, 30, 31 and 36 on line between Ranges 14 and 15 West, Township 2 North. Thence S. 89°36' W.

- 147.64 To stake the corner to Sections 25, 30, 31 and 36 on line between Ranges 15 and 16 West, Township 2 North, setting mile and $\frac{1}{2}$ mile posts at the respective section corners. Thence S. 89°33' W.

on line parallel to the south boundary of Township 2 North, Range 16 West.

- 476.10 To post the corner to Sections 25, 30, 31 and 36 on line between Ranges 16 and 17 West Township 2 North. Thence West

on line parallel to the South boundary of Township 2 North Range 17 West

- 206.71 Intersect the western exterior boundary of Rancho Ex Mission San Fernando, and set a post oak post marked H.A. 3 Station.

Thence S. 12 $\frac{1}{2}$ °W. along the line of the official survey of said Rancho Ex Mission San Fernando and at

104.92 To the forked white oak tree 25 in. diam. Station 34 of the official survey of said Rancho Ex Mission San Fernando and Station 4 of the official survey of the Rancho El Escorpion. Marked the same H.A. 4 Station; and from thence marked every Station running southerly along the exterior boundaries H.A. Seriatim to the point of beginning. Containing 64,011.53 acres saving and excepting therefrom a tract of land called the Rancho El Encino the county boundaries of which are heretofore set forth in this report, containing 4460.73 acres leaving for the Southern Division a clear area of 59,550.80 acres. Then for the Northern Division commence at Station 3 of the official survey of Rancho Ex Mission de San Fernando and following the exterior official lines of the same and numbering the stations seriatim to Station 33 of the official survey. Thence S. 12 $\frac{1}{2}$ ° W. following the line of the official survey.

100.18 To Station H.A. 6 of the Division line. Thence east along the division line

206.71 To line between Rs. 16 and 17 West, Twp. 2 North. Thence N. 89° 33' E.

476.10 To line between Rs. 15 and 16 West, Twp. 2 North. Thence N. 89° 36' E.

476.64 To line between Rs. 14 and 15 West, Twp. 2 North. Thence East

143.84 To post and rock mound H.A. 2 Station. Thence N. 8° W.

350.70 To the point of beginning. Containing 57,530.83 acres, saving and excepting therefrom the following exceptions or reservations, as follows, to-wit:

Tract No. 1 or Lot 38	Building	3.95
" " 2 " " 39	Vineyard	38.23
" " 3 " " 40	Building	0.13
" " 4 " " 41	"	0.13
" " 5 " " 42	"	0.18
" " 6 " " 43	"	0.16
" " 7 " " 44	"	0.50
" " 8 " " 45	Vineyard	33.27

1000 Vara Tract of Maria Los Angeles Felix de Burrows } 177.75
 Two Reservations on Pio Pico }
 of 1000 acres each } 1963.61

Vacant lands between the Vineyards in rear and in front of the main Mission Building less the Building lots above enumerated

Making a total of 36.81 2254.72 acres to be deducted from the full area of the Northern Division, to wit: 57,530.83 acres leaving a clear area therein of 55,270.79 acres.

Nearly all the time while I was executing the foregoing survey, the Commissioners were present, and verified the above work, and noted carefully the character and class of soil and land, and growth of same, and directed the survey to be made in a manner the most beneficial to the parties in interest.

I am under many obligations to the members of the Commission for their uniform courtesy and kindness in aiding me in my survey by their directions and advice in all difficulties which arose from discrepancies between the lines as shown by the official survey and the lines as they actually exist upon the ground.

All of which is respectfully submitted, together with the charges for survey and office work, also a topographical map of said Rancho Ex Mission de San Fernando, with the exceptions and reservations as in the Interlocutory Decree set forth, with the Division line between the Allotments to Plaintiff and Defendants, being a part of and explanatory of my foregoing report.

Los Angeles March 24-1871.

Wm. P. Reynolds, Surveyor.