

COPY

Ass't. Commissioner

(Signed) Antoinette Funk

Yours respectfully,

A copy returned - - - and to be filed as a matter of information only.

A memorandum Re Examination of returns together with a copy of this letter, have been bound in the book of field notes.

The following note has been placed on the plats: "The resurvey represented by this plat was made under the direction of the Director of the U.S. Geological Survey in 1904 to 1906. Upon examination it was found that in many instances accepted methods were not used in the reestablishment of corners. Therefore, the survey was not accepted and the plat is filed as a matter of information only.

These returns have been examined and the resurvey in many cases has been found to be so contrary not only to accepted practice but also to legal requirements that it cannot be approved for official filing as a whole.

I have your letter of September 12, 1935, with which you transmitted the returns of the survey and resurvey of a portion of the Santa Barbara Forest Reserve Boundary as executed by Wm. H. Thorne under the direction of the Director of the U.S. Geological Survey in 1904-1906, consisting of five plats and one book of field notes in duplicate.

Sir:

District Cadastral Engineer  
Public Survey Office  
Glendale, California

4-27-36

U. S. DEPARTMENT OF INTERIOR  
GENERAL LAND OFFICE  
WASHINGTON



Vol. 185, page 873, California Field Notes, General Land Office Series.

There seems to be no consecutive line of Rancho Bdy. from Cor. No. 7 to Cor. No. 9, so we give the 80.00 ch. corners on the additional lines and the point of intersection of the additional lines with the Rancho Bdy. (\*) indicated direction line only.

From the cor. to Trs. 8 and 9 N., Rgs. 18 and 19 W., I run,

North bet. sees. 31 and 36.

Var. 14. 25' N.

Descend. Intersect S. Bdy. of Rancho Las Alamos and set post 4 1/2 ft. in earth, 1 ft. above stone mound, 4 1/2 ft. in diam. at base by 2 ft. in height, for cor. to Tract. 1. sees. 31 and 36, from which I run along S. Bdy. of said Rancho 32.57 chs., N. 69 1/2° W., to SW. cor. of same Rancho and SE. cor. of Rancho Castano. Line running along S. Bdy. of Rancho is actual forest Bdy. Land, mostly level. Soil 1st rate. Timber and undergrowth of oak and chaparral.

27.45

Note -

From the cor. to sees. 35, 36, 1 and 2 on the S. Bdy. I run

North bet. sees. 35 and 36.

Var. 14. 25' N.

Intersect S. Bdy. of Rancho Castano and set post 4 1/2 ins. sq., 1 ft. in earth, 1 ft. above stone mound, 4 1/2 ft. in diam. at base, by 2 ft. in height for cor. to Tract. 1. sees. 35 and 36, from which cor. I run along S. Bdy. of Rancho, S. 53 1/2° E., 61.50 chs., to SW. cor. of same, known as Cor. No. 7. The S. Bdy. of Rancho is actual forest Bdy.

75.26

Note -

North bet. sees. 34 and 35.

Var. 14. 25' N.

Set post 4 ins. sq., 1 ft. in earth, 1 ft. above earth mound, 4 1/2 ft. in diam. at base by 2 ft. in height and dug pit 8 1/2 x 18 x 12, 8 lks. dist., at 4 angles for cor. to sees. 26, 27, 34 and 35, from which one of a cluster of 4 oaks, 10 ins., dia. N. 20 (20) W., 216 lks. dist.

80.00 \*

Notes.

Land, mostly level.  
Soil, fat rate.  
Timber and undergrowth of Buckeye, Oak and Chaparral.

\* East on a random line bet. sees. 26 and 35.  
Var. 14, 25, E.

\* Interest N. and S. line 15 lks. N. of cor. to sees. 25, 26,  
35 and 36, from which cor. I run  
North 89° 54' W. on true line bet. sees. 26 and 35.  
Var. 14, 25, E.

\* Interest S. Bay. of Rancho Oatman, 47.53 chs., S. 537° E.  
of Cor. No. 8, and set post 4 ins. sq., 1 ft. in earth,  
1 ft. above earth mound, 4 1/2 ft. in diam. at base, by 2 ft.

\* In height, dug pits 24 x 18 x 12, 8 lks.  
for cor. to true l. sees. 26 and 35.  
Land, mostly level.  
Soil, fat rate.

\* The cor. to sees. 26, 27, 34 and 35.

Timber and undergrowth of Oak and Chaparral.

\* North bet. sees. 26 and 27.

Var. 14, 25, E.

\* Interest S. Bay. of Rancho Oatman and set post 4 ins. sq.,  
1 ft. in earth, 1 ft. above earth mound, 4 1/2 ft. in diam. at  
base by 2 ft. in height and dug pits 24 x 18 x 12, 8 lks.  
which cor. I run  
Along SW. Bay. of said Rancho 56.29 chs., S. 387° E. to cor.  
No. 8 of the final survey of said Rancho.  
The SW. Bay. of Rancho is actual forest Bay.  
Land, mountainous.  
Soil, fat and rate.

Timber and undergrowth of pine, Oak and Chaparral.

\* North bet. sees. 33 and 34.

Var. 14, 25, E.

\* Set post 4 ins. sq., 1 ft. in earth, 1 ft. above stone mound,  
4 1/2 ft. in diam. at base by 2 ft. in height for cor. to sees.  
27, 28, 33 and 34.  
Land, mountainous.  
Soil, fat rate.

Timber and undergrowth of Oak and Chaparral.

\* North bet. sees. 27 and 28.

Var. 14, 25, E.

\* The point for section cor. falling on steep side hill, a place  
not suitable to build mound, contains N. 3.55 chs. and  
set post 4 ins. sq., 1 ft. in earth, 1 ft. above earth mound,  
4 1/2 ft. in diam. at base by 2 ft. in height, and dug pits 24 x  
18 x 12, 8 lks. dist., at 4 angles for witness to cor. to sees.  
21, 22, 27 and 28, from which one of a cluster of 3 oaks, 10 ins.  
diam., 18° E., 25 lks. dist., and a Juniper 12 ins.  
diam., 18° E., 25 lks. dist.

After diligent search and inquiry, I can find no cor. to  
General Land Office field notes.  
For the Rancho line of the 9th course see Vol. 343, Page 707,

Descend.  
Intersect SW. Bdy. of Rancho Castano and set post 4 ins. sq.,  
1 ft. in earth, 1 ft. above earth mound, 4 1/2 ft. in diam. at  
base by 2 ft. in height and dug pits 24x12, 8 lks. dist.  
at 4 angles for cor. to tract. sees. 15 and 16, from  
which cor. No. 9 brs. N. 36 1/2° W., 47.72 chs. dist.  
Land mountainous.  
Soil 1st and 2nd rate.  
Timber and undergrowth of Oak and Chaparral.

12.62

North bet. sees. 16 and 15.  
Var. 14 25' E.

Descend.  
Intersect SW. Bdy. of Rancho Castano and set post 4 ins. sq.,  
1 ft. in earth, 1 ft. above earth mound, 4 1/2 ft. in diam. at  
base by 2 ft. in height, and dug pits 24x12, 8 lks. dist.  
at 4 angles for cor. to tract. sees. 15 and 22, from which  
cor. I run along SW. Bdy. of said Rancho, S. 36 1/2° E., 102.34  
chs. to cor. to tract. sees. 22 and 27.  
The SW. Bdy. of Rancho is actual Forest Bdy.  
Land, mountainous.  
Soil 1st and 2nd rate.  
Timber and undergrowth of oak and chaparral.

10.08

East bet. sees. 15 and 22.  
Var. 14 25' E.

Descend.  
Intersect SW. Bdy. of Rancho Castano and set post 4 ins. sq.,  
1 ft. in earth, 1 ft. above earth mound, 4 1/2 ft. in diam. at  
base by 2 ft. in height, and dug pits 24x12, 8 lks. dist.  
at 4 angles for cor. to tract. sees. 21 and 22, from which  
cor. I run along SW. Bdy. of said Rancho, S. 36 1/2° E., 102.34  
chs. to cor. to tract. sees. 22 and 27.  
The SW. Bdy. of Rancho is actual Forest Bdy.  
Land, mountainous.  
Soil 1st and 2nd rate.  
Timber and undergrowth of Oak and Chaparral.

80.00

North bet. sees. 21 and 22.  
Var. 14 25' E.

Descend.  
Intersect SW. Bdy. of Rancho Castano and set post 4 ins. sq.,  
2 ft. in earth, 2 ft. above for cor. to tract. sees.  
22 and 27, from which cor. I run along SW. Bdy. of said  
Rancho 9.35 chs., S. 36 1/2° E. to cor. to tract. sees. 26  
and 27.  
SW. Bdy. of Rancho is actual Forest Bdy.  
Land mountainous, except in Canada. Soil 1st and 2nd rate.  
Timber and undergrowth of Oak and Chaparral.

73.91

East bet. sees. 22 and 27.  
Var. 14 25' E.

Rancho Castano, Vol. 185, Page 873, General Land Office  
field notes  
Land, mountainous.  
Soil 1st and 2nd rate.  
Timber and undergrowth of Oak, Juniper and Chaparral.

Notes.

secs. 8, 9, 16 and 17, nor any corners of said secs. other than those described in the retracements of subdivisions of this survey.

To locate it possible the closing corners to secs. 15-16, 15-22 and 15, 16, 21 and 22, I proceed as follows:

From Cor. No. 9 of the Gastaño Rancho, which is a white oak standing, marked and witnessed as described by the Surveyor General, I run

S. 38° 05' E. on a random line on bdy. of Gastaño Rancho.

Get temporary & wide post.

Search diligently but find no trace of old cor. By actual count there are over 40 trees within 3 chs. of this point suitable for witness trees, I here set temporary closing cor. to sec. 15-16.

Search generally but find no trace of old closing cor. to sec. 15-22 and set temporary closing cor. to said sec.

I search 10.08 chs. W. of this point but find no trace of old cor. The line from the point at 63.90 chs. S. 38° 05' E.

passes over high steep spurs with brushy growth, very difficult to chain, and I continue my line as a transit (sight) line

and reach a point 168 lks. N. 51° E. of the oak tree, Cor. No. 8 of Rancho Gastaño, standing and marked as described by the Surveyor General.

The random line corrected for the reported length of the line 230.95 chs. gives the true bearing S. 38° 05' E.

December 30<sup>th</sup>, 1901.

From Cor. No. 9 I then run

S. 38° 05' E. on true line on bdy. of Gastaño Rancho.

Bottom of old adobe pit.

Ascend steep spur.

Top of spur, course NE.

Enter timber and brush

Get a stone 5x12 lks., 11 lks. in earth marked off on NE. side, from which

A sharp oak 8 lks. diam. brs. N. 68° E., 99 lks. dist., marked S. B. & O. of M. B. T.

A sharp oak 4 lks. diam. brs. N. 68° E., 69 lks. dist., marked S. B. & O. of M. B. T.

Bottom of spur.

Walk 20 lks. wide, course NE.

Ascend

Set temp. closing cor. sec. 15-16.

Spur descend N.

Steep wash, course N. 15° W.

Cross wire fence, course N. 15° W. S. 15° E.

Set temp. closing cor. sec. 15-22.

Mountaining land, 63.90 chs.

Set 3" late

Some north oak and brush.

From Cor. No. 9 Gastaño Rancho, I run N. 38° 05' W. on random line on bdy. of Gastaño Rancho, a point 49 lks. S. 59° 40' W. of the cor. No. 10, Gastaño Rancho, an oak tree standing, marked and witnessed as described by the Surveyor General. These I run S. 29° 55' E. on a true line on bdy. of Gastaño Rancho. Top of spur, course NE. Descend steep rocky spur. Enter list of Johnson Canon. Dry gulch, 6 lks. wide, NE. Foot of rocky spur. Ascend through brush. Rocky spur, descends NE. Set a post (buckeye) 3 ft. long, 4 ins. sq., on rocky point surrounded by stones, marked S. B. & O. of M. B. side, for

40.00  
31.80  
21.80  
20.70  
13.00  
7.50  
67.41  
63.90  
61.90  
61.50  
53.75  
47.72  
47.00  
46.75  
44.00  
40.00  
30.00  
24.00  
2.00  
1.00  
63.90  
47.72  
40.00

-175'  
+85'  
-100'  
-425'  
+460'



At the corner of Secs. 4, 5, 32 and 32 S. bdy. of T. 9 N., R. 20 W. heretofore described, at 8 A.M. 1.m.t. I set off 34.49' N. on lat. and 20°32' S. on decl. are. and determine a meridian with the solar Mag. decl. 15° 15' N. Thence I run E. on a random line bet. Secs. 4 and 33. Find no trace of 1/4 sec. corner; set temporary corner, continue line East. At this point I set off 20°32' S. on the decl. are and at 12h. 20m. 25s. p.m. observe the sun on meridian. The resulting lat. is 34.49' N. which is about the proper latitude. Find no trace of cor. of Secs. 3, 4, 33, 34. Set temporary corner. Continue random line East bet. Secs. 2 and 34.

At the corner of Secs. 4, 5, 32 and 32 S. bdy. of T. 9 N., R. 20 W. 1.m.t. I set off 34.49' N. on lat. and 20°32' S. on decl. are and determine a meridian with the solar. Continue line East. Find no trace of 1/4 sec. corner. At this point I set off 20°19' S. on decl. are and at 12h. 10m. 47s. p. M. observe the sun on the meridian; the resulting lat. is 34.49' N. which is the correct latitude. Find no trace of 1/4 section corner, set temporary and continue line East.

At this point at 10 A.M. 1.m.t. I set off 34.49' N. on lat. are. and 20°07' S. on decl. are and determine a meridian with the solar. Continue line East. Find no trace of corner of Secs. 1, 2, 35, 36. Set temporary section corner. I set off 20°06' S. on decl. are and at 12h. 11m. 05s. p. M. observe the sun on the meridian. The resulting lat. is 34.49', the correct latitude. Thence I run East on a random line between Secs. 1 and 36. Find no trace of 1/4 section corner. Set temporary 1/4 corner. Continue East.

At this point at the corner of T. 8 and 9 N., R. 20 W. Set find no trace of corner of T. 8 and 9 N., R. 20 W. Set temporary temporary corner at the corner of T. 8 & 9 N., R. 19 W. (no more), which is an oak post 3" square 2 ft. long, set off at top of ground, marked 1/4 S. 36 on one face

6 notches on three sides  
A small portion of stone mound remaining. I set position of corner by the two bearing trees which are in a good state of preservation and find corner correct. I reestablish it at the same point as follows:

Jan. 18, 1905

At the corner of Secs. 4, 5, 32 and 32 S. bdy. of T. 9 N., R. 20 W. heretofore described, at 8 A.M. 1.m.t. I set off 34.49' N. on lat. and 20°32' S. on decl. are and determine a meridian with the solar Mag. decl. 15° 15' N. Thence I run E. on a random line bet. Secs. 4 and 33. Find no trace of 1/4 sec. corner; set temporary corner, continue line East. At this point I set off 20°32' S. on the decl. are and at 12h. 20m. 25s. p.m. observe the sun on meridian. The resulting lat. is 34.49' N. which is about the proper latitude. Find no trace of cor. of Secs. 3, 4, 33, 34. Set temporary corner. Continue random line East bet. Secs. 2 and 34.

At this point at 9 A.M. 1.m.t. I set off 34.49' N. on lat. are and 20°20' S. on decl. are and determine a meridian with the solar. Continue line East. Find no trace of 1/4 sec. corner. At this point I set off 20°19' S. on decl. are and at 12h. 10m. 47s. p. M. observe the sun on the meridian; the resulting lat. is 34.49' N. which is the correct latitude. Find no trace of 1/4 section corner, set temporary and continue line East.

At this point at 10 A.M. 1.m.t. I set off 34.49' N. on lat. are. and 20°07' S. on decl. are and determine a meridian with the solar. Continue line East. Find no trace of corner of Secs. 1, 2, 35, 36. Set temporary section corner. I set off 20°06' S. on decl. are and at 12h. 11m. 05s. p. M. observe the sun on the meridian. The resulting lat. is 34.49', the correct latitude. Thence I run East on a random line between Secs. 1 and 36. Find no trace of 1/4 section corner. Set temporary 1/4 corner. Continue East.

At this point at the corner of T. 8 and 9 N., R. 20 W. Set find no trace of corner of T. 8 and 9 N., R. 20 W. Set temporary temporary corner at the corner of T. 8 & 9 N., R. 19 W. (no more), which is an oak post 3" square 2 ft. long, set off at top of ground, marked 1/4 S. 36 on one face

6 notches on three sides  
A small portion of stone mound remaining. I set position of corner by the two bearing trees which are in a good state of preservation and find corner correct. I reestablish it at the same point as follows:

Jan. 19, 1905

At the corner of Secs. 4, 5, 32 and 32 S. bdy. of T. 9 N., R. 20 W. heretofore described, at 8 A.M. 1.m.t. I set off 34.49' N. on lat. are and 20°32' S. on decl. are. and determine a meridian with the solar Mag. decl. 15° 15' N. Thence I run E. on a random line bet. Secs. 4 and 33. Find no trace of 1/4 sec. corner; set temporary corner, continue line East. At this point I set off 20°32' S. on the decl. are and at 12h. 20m. 25s. p.m. observe the sun on meridian. The resulting lat. is 34.49' N. which is about the proper latitude. Find no trace of cor. of Secs. 3, 4, 33, 34. Set temporary corner. Continue random line East bet. Secs. 2 and 34.

At this point at 9 A.M. 1.m.t. I set off 34.49' N. on lat. are and 20°20' S. on decl. are and determine a meridian with the solar. Continue line East. Find no trace of 1/4 sec. corner. At this point I set off 20°19' S. on decl. are and at 12h. 10m. 47s. p. M. observe the sun on the meridian; the resulting lat. is 34.49' N. which is the correct latitude. Find no trace of 1/4 section corner, set temporary and continue line East.

At this point at 10 A.M. 1.m.t. I set off 34.49' N. on lat. are. and 20°07' S. on decl. are and determine a meridian with the solar. Continue line East. Find no trace of corner of Secs. 1, 2, 35, 36. Set temporary section corner. I set off 20°06' S. on decl. are and at 12h. 11m. 05s. p. M. observe the sun on the meridian. The resulting lat. is 34.49', the correct latitude. Thence I run East on a random line between Secs. 1 and 36. Find no trace of 1/4 section corner. Set temporary 1/4 corner. Continue East.





Santa Barbara Forest Reserve Boundary.  
Thorne 1905

An oak tree 10 ins. diam. bears N. 22°15' E. 203 lks. dist., marked  $\ddagger$  S.B.T.

Set over  $\ddagger$  section corner and continue line East. Corner of Sec. 5, 6, 31, 32 bears S. 28 lks., which is an oak post 18 ins. long broken off at the ground; original pit still visible. I reestablish corner at same place as follows:

Set iron U.S. Forest Reserve Boundary Post No. 39, 39 ins. in the ground; raise mound of earth 4 ft. base, 1 ft. high, around post marked:  
No. 39 on S. side of cap  
1905 on S. side of cap  
Recurve in S.E. and S.W. quadrants, also marked:  
T. 9 N., S. 32 in N.E. quadrant  
N. 19 W., S. 5 in S. E. quadrant  
T. 8 N. S. 6 in S. W. quadrant  
S. 31 in N. W. quadrant with 1 notch on west and 5 notches on E. edges of cap.

I return to the corner of T. 8 and 9 N., R. 19 W. Thorne I run  
S. 89°48' E. on a true line between Secs. 6 and 31 over level land through scattering pine and oak timber.  
Wire fence bears N. and S.  
Blm road bears N. 70° W. and S. 70° E.  
Enter willow thicket, bears N. and S.  
Leave willow thicket, enter meadow, bears N. and S.  
Spring of pure water bears S. 20 lks.  
 $\ddagger$  section corner, from which U.S.G.S. bench mark, elev. 4471 ft., bears N. 104°5' E. 7.42 obs.

Thorne I run  
S. 89°36' E.  
N.W. corner of a deserted house on line.  
Leave level land brs. N. & S., second Gradual W. slope through sage brush.  
Wire fence bears N. and S.  
Change to Gradual N. slope.  
44.00  
56.25  
59.25  
71.00  
75.53

Change to Gradual N. slope.  
44.00  
56.25  
59.25  
71.00  
75.53  
Corner of Secs. 5, 6, 31, 32.  
Land level and rolling.  
Soil 2nd and 3rd rate.  
Timber oak and pinon pine, willow and sage brush.

East on a random line between Secs. 5 and 32.  $\ddagger$  section corner bears S. 10 lks. which is an oak post broken off at the top of the ground; I reestablish it at same point as follows:

Get a granite stone 20x8x8 ins. 15 ins. in the ground for  $\ddagger$  section corner, marked  $\ddagger$  on N. face; dig pits 3/4 ft. base, 1 1/2 ft. high N. of corner.  
Get over corner and continue line N.  
Corner of Sec. 4, 5, 32, 33 bears S. 16 lks., which is an oak post 3 ins. square, 3 ft. above mound of earth, 4 ft. base, 1 ft. high around post. I enlarge mound to 5 ft. base, 2 ft. high around post; dig pits 18x12 ins. in each section, 5/8 ft. dist., raise mound of earth and stone 5 ft. base, 2 1/2 ft. high N. of corner.  
I return to corner of Secs. 5, 6, 31, 32.  
Then I run.  
S. 89°51' E. on a true line between Secs. 5 and 32 over Gradual E. slope through prairie and scattering sage brush. Small drain, course N.E., ascend Gradual N.W. slope. Change to Gradual N. slope.

24.00  
21.00  
24.00

40.33

80.01

75.53