FIELD NOTES

of

W. H. Thorn's Survey

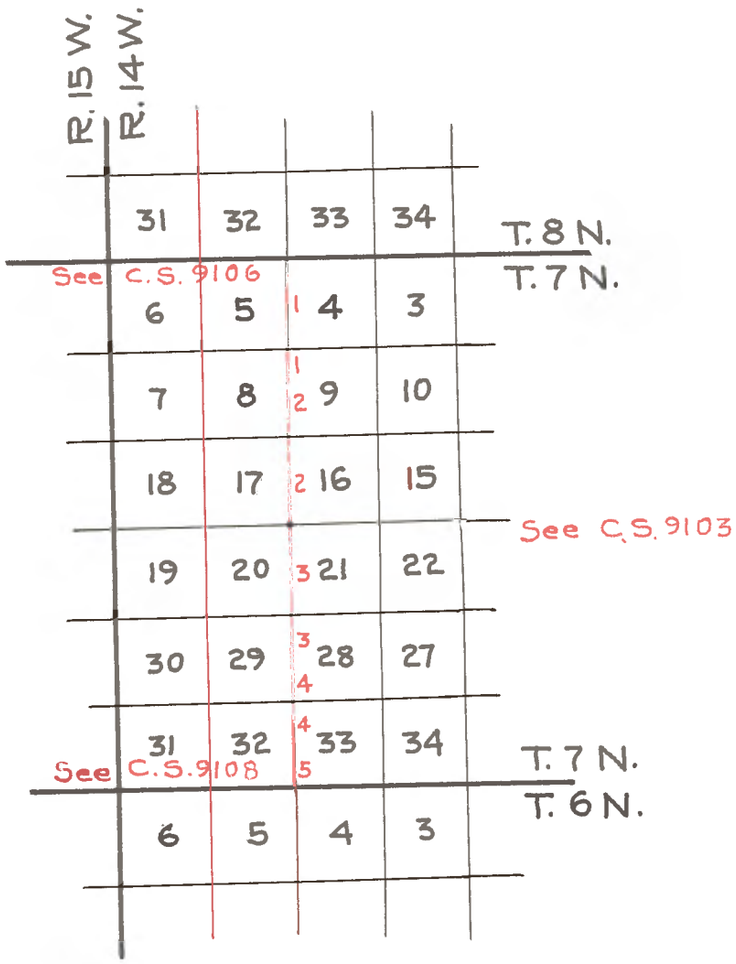
of the former boundary of the

SANTA BARBARA NATIONAL FOREST

in

T. 7 N., R. 14 W., S. B. M.

Nov. 28, 1904 - Jan. 11, 1906



COPY

United States Department of Agriculture

Forest Service

Santa Barbara National Forest

Santa Barbara, Dec. 6, 1919.

Mr. J. E. Rockhold,
County Surveyor,
Los Angeles, California. (COPY)

Dear Sir:

Your letter of December 5 is received.

I enclose herewith a copy of the field notes of the survey of what was formerly the boundary of that portion of the Santa Barbara National Forest, in T. 7 N., R. 14 W., S. B. M.

You will see from the notes that the iron boundary posts were always set 6 lks. from the true section or grant corners, and on the same course which the line is being run.

I think these notes will give you the desires information.

Very truly yours,
J. R. Hall, Forest Supervisor,
By Walter F. Emerick Acting.

Copied from W. H. Thorn's Survey of Nov. 28, 1904-Jan. 11, 1906, furnished by the Geological Sur.

February 21:
At the cor. of Secs. 4, 5, 32 and 33, N. bdy. T 7 N, R 14 W., at 8AM l.m.t., I set off 34° 44' N, on Lat arc and 10° 36' S. on decl arc and determine a meridian with the solar. Thence I run

SOUTH on a RANDOM line bet. Secs. 4 and 5.

38 90 ¼ Sec. cor. brs. W. 45 lks. which is a redwood post 4 in. sq. 6 in. above ground, firmly set and marked.
I set a granite stone 16 x 12 x 7 in. 10 in. in the ground alongside the post, marked ¼ on W. face; dig pits 18x18x12 in. N and S. of cor 3½ ft dist. Raised mound of earth 3½ ft. base 1½ ft high W of cor. Set over corner and continue south.

79 73 Cor of Secs 4, 5, 8 and 9 brs W 51 lks which is a redwood post 4 in. sq. even with the top of ground in mound of earth, properly marked.
I set a granite stone 17x12x6 in. 12 in. in the ground with the post, marked 4 notches on E and 5 notches on S faces; dig pits 18x18x12 in. in each section 5½ ft dist, raised mound of earth 5 ft base 2½ ft. high W. of cor. I return to the cor. of Secs. 4, 5, 32 and 33.
Thence I run S. 0° 39' W. on a TRUE line bet. Secs. 4 & 5 over nearly level land, once cultivated land, along Kern River Power Co. Line, west lines of poles.

06 Set Iron U. S. For. Res. Bdy. Post No. 76, 30 in. in the ground. raise mound of earth 4 ft base 1 ft high around post marked
No. 76 on S side of cap
1905 on S side of cap
Reserve in SW quadrant, also marked
T 6 N, S 33 W. C. in NE quadrant
R 14 W, S 4 in SE quadrant
T 7 N, S 5 in SW quadrant
Sec 32 in NW quadrant with 2 notches on W and 4 notches on E edges of rim

38 90 ¼ sec cor. Thence I run
S. 0° 44' W.

39 20 Descend steep south slope

44 00 Change to level land east and west

63 70 Fairmont and Lancaster road brs N 60° W and S 60° E. Ascend gradual N slope.

61 30 Set iron U. S. For. Res. Bdy. Post No. 77, 30 in. in the ground, raised mound of earth 4 ft base, 1 ft high around post, marked
No. 77 on S side of cap
1905 on S side of cap
Reserve in SW and NW quadrants

68 25 Change to gradual S slope

78 00 Change to level land east and west

79 73 Cor of Secs 4, 5, 8 and 9
From this cor an old adobe wall brs N 74° E, 121 lks.
Land level and rolling. Soil sandy third rate.

SOUTH on a RANDOM line bet. Secs 8 and 9

40 00 Find no tract of ¼ sec cor. Set temp and continue line S.

80 48 Cor of Secs 8, 9, 16 and 17 brs E 70 lks. which is a redwood post 4 in. sq, 1 ft above ground, firmly set and marked. I set a granite stone 20x8x6 in. 15 in. in the ground, with the post marked with 4 notches on S and 4 notches on E faces. Dig pits 18x18x12 in. in each section 5½ ft dist., raised mound of earth 5 ft base 2½ ft high W of cor. I return to the cor of Secs 4,5, 8 and 9. Thence I run
S. 0° 30' E, on a TRUE line bet Secs 8 and 9.

06 Set iron U. S. For. Res. Bdy. Post No. 78, 30 in. in the ground, raised a mound of earth 4 ft base 1 ft high around post, marked
No. 78 on S side of cap
1905 on S side of cap
Reserve in SW and NW quadrants, also marked
T 7 N, S 4 W C in NE quadrant
R 14 W, S 9 in SE quadrant
S 8 in SW quadrant
S 5 in NW quadrant, with 5 notches on S and 4 notches on

E edges of rim. Thence over level land.
9 00 A small drain NE.
15 00 Leave valley, ascend NW slope brs NE and SW
19 50 Top of hill brs E and W. Descend SE slope
24 00 Drain NE. Ascend NW slope
31 30 Change to SE slope
38 00 Small drain, course NE
39 80 Wire fence E and W.
40 24 Set a granite stone 22x12x9 in. 16 in. in the ground for ¼ sec cor marked ¼ on W face. Dig pits 18x18x12 in. N and S of cor 3½ ft dist. Raised mound of earth 3½ ft base 1½ ft high W of cor. Thence along gradual E slope
49 10 A dim road brs NE and SW. Enter level land.
61 00 Enter a dry wash 100 lks wide from S to NE
67 00 Leave wash from SW to N Ascend NW slope
75 00 Change to level land, brs NE and SW
80 48 Cors. of Secs 8, 9, 16 and 17. Soil sandy, 3rd rate.

SOUTH on a RANDOM line bet Secs 16 and 17
40 00 No trace of ¼ sec cor. Set temp cor. Continue line south.
80 54 Cor of Secs 16 and 17, 20 and 21 brs E 79 lks. which is a granite stone 4x4x4 in. above ground, firmly set, marked and witnessed. I return to the cor of Secs 8, 9, 16 and 17. Thence I run

S. 0° 34' E. on a TRUE line bet secs. 16 and 17.
Over level land through prairie
06 Set iron U. S. For. Res. Bdy. Post No. 79, 30 in. in the ground, raised mound of earth 4 ft base, 1 ft high around post, marked
No. 79 on S side of Cap
1905 on S side of Cap
Reserve in SW and NW quadrants
Also marked
T 7 N, S 9 WO in NE quadrant
R 14 W, S 16 in SE quadrant
S 17 in SW quadrant
S 8 in NW quadrant with 4 notches on E, and S edges of rim.
From this Sec cor. W line of poles of Kern River Power Co. brs E.38 lks.
17 00 Change to gradual SE slope

23 48 Set iron U . S. For. Res. Bdy. Post No. 80, 30 in. in the ground, raised mound of earth 4 ft base 1 ft high around post marked
No. 80 on S side of cap
1905 on S side of cap
Reserve in SW and NW quadrants
24 40 Tejon Pass Road NE and SW
26 45 Ravine 15 lks wide, 5 ft deep, course NE. An old road washed out.
32 00 Small drain, course NE. Ascend gradual NW slope.
37 75 Change to gradual SW slope
40 27 Set a granite stone 20x11x8 in. 15 in. in the ground for ¼ sec cor. marked ¼ on W face, dig pits 18x18x12 in. N and S of cor 3½ ft dist raised mound of earth 3½ ft base 1½ ft high W. of cor.
41 25 Dim road brs E and W.
68 00 Change to gradual SE slope
71 00 Road brs NE and SW
72 50 Small drain course NE. Ascend gradual NW slope
75 00 Change to gradual NE slope
80 54 Cors. of Secs. 16, 17, 20 and 21.
Land level and rolling. Soil sandy, 3rd rate.

SOUTH on a RANDOM line bet Secs 20 and 21
40 11 Intersect ¼ sec cor which is a granite stone 2x8x6 in. above ground, firmly set, marked and witnessed.
79 83 Cor of Secs 20, 21, 28 and 29, brs E 41 lks. which is a granite stone 5 x 8 x 10 in. above ground, firmly set, marked & witnessed.

I return to the cor of Secs 16, 17, 20 and 21, thence I run

SOUTH on a TRUE line bet Secs 20 and 21.
Over nearly level land along W line of Kern River Power Co.poles.

06 Set iron U. S. For. Res. Bdy. Post No. 81, 30 in. in the ground, raised mound of earth 4 ft base, 1 ft. high around post, marked
No 81 on S side of cap
1905 on S side of cap
Reserve in SW and NW quadrants, also marked
T 7 N, S 16 WC in NE quadrant
R 14 W S 21 in SE quadrant
S 20 in SW quadrant
S 17 in NW quadrant, with 4 notches on E and 3 notches on S edges of cap

3 75 Change to S slope
6 50 A dry wash 20 lks wide, course NE. Thence over level land.
12 50 Ascend NW slope
15 50 Change to SW slope
18 00 Enter level land NE and SW
29 50 Ascend NW slope
32 00 Top of spur brs NE and SW. Thence along E slope.
37 50 Change to gradual NE slope
38 80 Wire fence N 30° E and S 30° W.
40 11 ¼ sec cor.
At this ¼ sec cor I set off 10° 33' S on decl arc and at 12h 13' 57" PM l.m.t. observe the sun on the meridian. The resulting lat. is 34° 41' N which is about 30" greater than the proper lat.
Thence I run S. 0° 35' E.
45 00 Change to gradual N slope
51 75 Change to gradual S slope
53 00 Change to gradual NE slope
58 00 Drain, course NE. Enter live oak and chemise brush brs E and W.
Ascend steep N slope
66 25 Top of spur brs E and W, 100 ft. ascent. Descend steep SW slope.
69 00 A dry wash 20 lks. wide, course NW. Foot of 100 ft. descent.
72 50 Ascend steep N slope.
79 83 Cor of Secs 20, 21, 28 and 29. Land mountainous and level.
Soil 2nd and 4th rate. Timber live oak, dense growth of chemise and live oak brush.

SOUTH on a RANDOM line bet Secs 28 and 29.

40 35 ¼ sec cor brs E 7 lks, which is a granite stone 3x6x8 in. above ground, firmly set and marked. I dig pits 18x18x12 in. N and S of cor 3½ ft dist. Raise mound of earth 3½ base 1½ ft high W of cor.
Set over cor and continue line S.

79 73 Cor of Secs 28, 29, 32 and 33 brs W 12 lks, which is a granite stone 2x6x6 in. above ground, firmly set, marked and witnessed.
I return to the cor of Secs 20, 21, 28 and 29. Thence I run

S. 0° 06' E. on a TRUE line bet secs 28 and 29 over steep NE slope, through brush along W line of poles of Kern River Power Co.

06 Set iron U. S. For. Res. Bdy. Post No. 82, 30 in. in the ground raised mound of earth and stone 4 ft base 1 ft high around post, marked
No. 82 on S side of cap
1905 on S side of cap
Reserve in SW and NW quadrants, also marked
T 7 N, S 21 WC in NE quadrant
R 14 W, S 28 in SE quadrant
S 29 in SW quadrant
S 20 in NW quadrant with 4 notches on E and 2 notches on S edge of rim

1 80 Top of ascent 200 ft brs E and W. Thence over steep SE slope
7 37 Draw, course NE, 200 ft descent, ascend steep NW slope
2 50 Change to gradual NW slope
22 00 Leave brush, enter prairie brs E and W
22 63 Wire fence brs E and W
26 00 Top of ridge brs NW and SE 500 ft ascent
30 00 Descend steep SW slope

34 00 Change to gradual SE slope
40 35 ¼ sec cor. Thence I run
S. 0° 10' W.
47 50 Change to steep SE slope
51 00 A dry wash 50 lks wide, course SW. Ascending steep NW slope.
55 80 Change to SE slope
60 50 Enter ravine 50 lks wide, 20 ft deep, course SW
Thence along gradual S slope
79 50 Wire fence, enter road brs E and W. (Elizabeth Lake & Lancaster Rd)
79 73 Cor. of Secs 28, 29, 32 and 33. Land mountainous. Soil 3rd rate.
Timber live oak, live (?) manzanita and chemise brush.
Formation granite Feb. 21, 1905

February 22:
At the cor. of Secs 28, 29, 32 and 33, T 7 N, R 14 W, at 10 AM l.m.t. I set off 34° 40' N, on lat arc, and 10° 12' S. on decl arc and determine a meridian with the solar. Thence I run

SOUTH on a RANDOM line bet Secs 32 and 33.
40 15 ¼ sec cor brs E 31 lks, which is a granite stone 4x8x8 in. above ground, firmly set and marked. I dug pits 18x18x12 ins. N. & S. of cor 3½ ft dist. Raised mound of earth 3½ ft base, 1½ ft high W of cor.
Set over cor and continue line SOUTH.
80 45 Cor of Secs 32 and 33, S bdy of T 7 N, R 14 W, brs E 26 lks, which is a tapering granite stone 6" above ground, firmly set, marked and witnessed. The old post 3" sq 1 ft high set on W side of stone I return to the cor of Secs 28, 29, 32 and 33, Thence I run S. 0° 27' E, on a TRUE line bet Secs 32 & 33 over gradual slope in rd.
41 Set iron U. S. For. Res. Bdy. Post No. 83, 30 in. in the ground, raised mound of earth and stone 4' base 1' high around post marked
No. 83 on S side of cap. 1905 on S side of cap
Reserve in SW & NW quadrants, also marked
T 7 N, S 28 W C in NE quadrant. R 14 W, S 33 in SE quadrant.
S 32 in SW quadrant. S 29 in NW quadrant, with 4 notches on E and 1 notch on S edges of rim of brass cap.
48 Wire fence brs E and W. Leave road enter cultivated field.
1 08 Wire fence brs N. 20° W, & S 20° E. Leave cultivated field, enter wagon road, Los Angeles and Tejon Pass Road.
3 50 A creek 20 lks wide, 5' banks, course W.
6 00 Wire fence brs N. 20° W & S 20° E. Enter cultivated fields.
19 10 Top of low ridge brs E and W. Descend in pasture.
From this point schoolhouse brs S 31° 45' E.
26 25 Same creek, course NE. Thence Over nearly level land.
28 00 Kern River Power Co. Bldg brs E 50 lks.
37 00 Wire fence brs N 20° W and S 20° E. Leave field, enter wagon road.
40 15 ¼ sec cor. Thence I run
S. 0° 22' E.
40 20 A small drain, course W.
41 00 Wire fence brs S. 20° E & N 40° W. Enter field.
43 45 Wire fence E & W. Leave field.
45 30 Wire fence E & W & N 10° E. Enter road.
46 50 Elizabeth Lake Store and Postoffice brs W 2 lks.
48 90 Ascend gradual NW slope.
50 25 Change to SW slope.
56 45 Same creek 20 lks wide, Course N. 60° W, Ascend steep NE slope.
60 20 Top of spur brs NE and SW.
60 50 A farm house brs S 43° E, about 5 chs. dist.
63 60 A dry wash 10 lks. wide, course NE.
65 35 Los Angeles & Tejon Pass Road N 20° E & S 20° W. At this point I set off 10° 10' S. on decl arc and at 12h 13' 43" P.M. l.m.t., observe the sun on the meridian. The resulting lat is 34° 39' which is about the true lat.

65 00 Wire fence brs N 20° E and S 20° W. Enter cultivated field.
78 00 Top of spur brs NE and SW.
79 00 Head of small drain, course NE. Ascend gradual NE. slope.
80 42 Wire fence brs N & E.
80 45 Cor of Secs 32 and 33, S bdy of T 7 N, R 14 W.
Land rolling and level. Soil 2nd and 3rd rate.
Open scattering cottonwood and willow trees along creeks.
Formation granite.