PORTION OF SANTA BARBARA FOREST RESERVE BOUNDARY

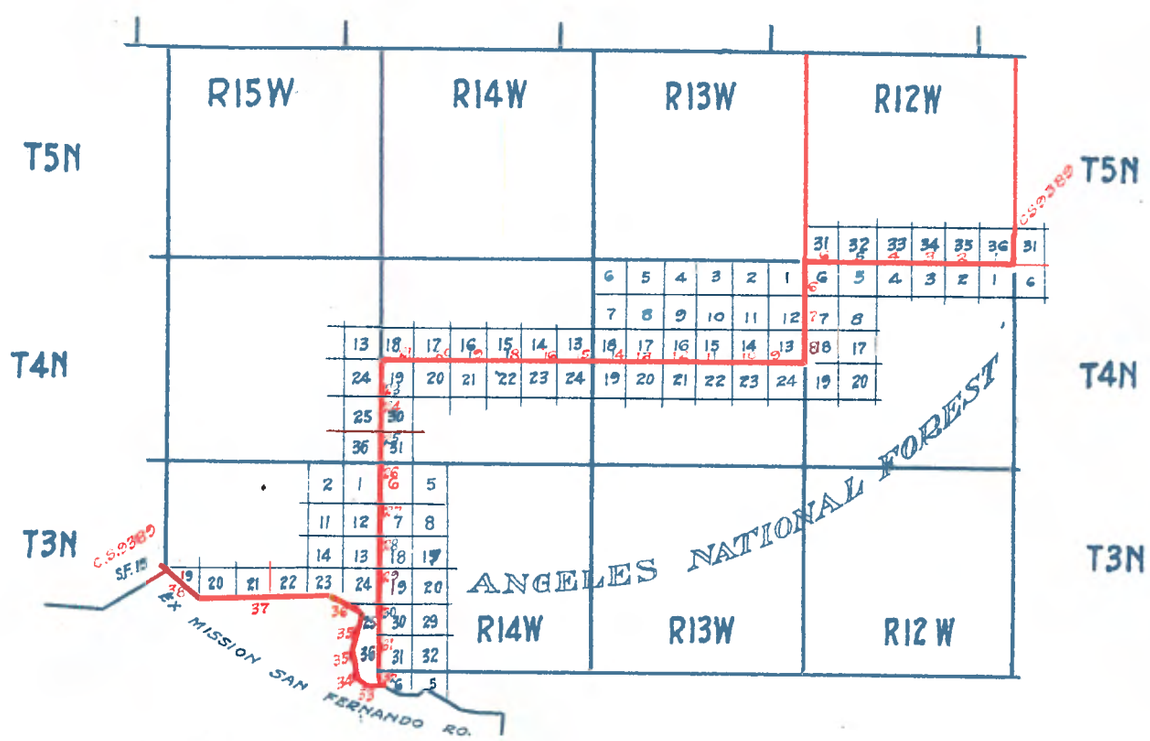
NOW

ANGELES FOREST RESERVE BOUNDARY

These notes have not as yet been approved by the Surveyor General, and are not to become public records.

Vol. 464: 10-94
Thorne 1905.

Copied from notes on file in U.S. Cadastral Engineer's Office, Glendale, California. Copied and checked by A.C. Johnson and A.J. Baritell, March, 1934.



Thorne - 1905

SANTA BARBARA FOREST BOUNDARY

Vol.464:10-94 et seq. South Boundary T.5 N.,R. 12 W.

At the corner of Twp. 4 and 5 N.,R. 11 and 12 W. at 2 P.M. l.m.t. I set off 34°28' N. on the lat. arc and 4°28' S. on decl. arc and determine a meridian with the solar
Thence I run
West on a random line between Secs. 1 and 36
40.58 1/4 Sec. corner bears S. 63 lks. dist.,which is a cedar post 2 1/2" x 5" square, 18 ft. above mound of stone, 2 ft. base, 1 ft. high firmly set, marked and witnessed. I mark bearing trees as follows:
A cedar 8" diam., bears S. 85°30' W. 44 lks. dist., marked 1/4 S.B.T.
A pinion pine 14" diam. bears N. 70°10' W. 300 lks. dist.,marked 1/4 S.B.T.
Set instrument over 1/4 sec. corner and continue random line west.
81.07 Intersect corner of Secs. 1,2,35,36 which is a cedar post 3" square, 2' above mound of stone, 2 ft. base, 1 ft. high firmly set, marked and witnessed.
I then return to corner of T. 4 and 5 N., R. 11 and 12 W.,
Thence I run
S. 89°06' on a true line between Secs. 1 and 36 over gradual W. slope, through scattering pine and dense brush
11.50 Ascend S.E. slope
14.00 Small drain Course S.E.
19.52 Side hill drain Course S.
20.75 Side hill drain Course S.
26.00 Dry drain Course S.W.
27.00 Side hill drain Course S.E.
40.58 1/4 Sec. corner previously described
Thence I run
West on a true line
44.00 Descend W. slope
48.00 Ravine 150 lks. wide, 20 ft. deep, Course N. 20° W.
49.00 Spur bears N. and S.
51.00 Drain Course N.E. Ascend S.E. slope
54.00 Top of spur bears N.E. and S.W.
55.00 Ascend steep N.E. slope
63.50 Top of ridge bears N. and S.
66.45 Descend S.W. slope
71.00 Drain Course S.W.
73.00 Drain Course S.E. Ascend steep S.E. slope
81.07 Corner of Secs. 1,2,35 and 36 previously described
Land mountainous
Soil 4th rate
Timber, scattering pinion pine, dense cedar, live oak, manzanita and chemise brush.
Formation - granite.

March 9,1905.

March 10.
At the corner of Secs. 1,2,35 and 36 at 10 A.M. l.m.t. I set off 34°28' N. on lat. arc and 4°06' S. on decl. arc and determine a meridian with the solar
Thence I run
West on a random line between Secs. 2 and 35.
39.63 1/4 Sec. corner bears N. 2 lks. dist., which is a cedar post 3 x 5" square, 24" above mound of stone, 2 ft. base,1 ft.high firmly set, marked and witnessed. I mark bearing tree as follows:

/

A pinion pine, 16" diam. bears S. 31°25' E. 65 lks. dist., marked 1/4 S.B.T.

I set instrument over 1/4 Sec. corner and continue random line west.

78.69 Corner of Secs. 34 and 35, T. 5 N., R. 12 W., bears S. 2 lks. dist., which is a cedar post 3" square, 3' above ground properly marked. I raise mound of stone 3 ft. base, 1 ft. high around post; dig pits 24x24x12" N.E. and N.W. of post 4 ft. distant.

I then return to corner of Secs. 1,2,35 and 36

Thence I run

N. 89°58' W. on a true line between Secs. 2 and 35

Ascend S.E. slope through cedar brush

.06 Set iron U.S. Forest Reserve Mdy. Post #117 30 inches in ground; raise mound of earth and stone 4 ft. base, 1 ft. high around post, marked

No.117 on S. side of cap
1905 on S. side of rim of cap
Reserve in N.E. and N.W. Quadrant also marked
T. 5 N., S. 36 W.C. in N.E. Quadrant
R. 12 W. S. 1 in S.E. Quadrant
T. 4 N. S. 2 in S.W. Quadrant
S. 35 in N.W. Quadrant with 1 notch on E. and 5 notches on W. edges of rim of cap

.75 Descend S.W. slope

5.80 Drain, course S.E. Ascend S.E. slope

9.30 Top of ridge bears N. 20° W. and S. 20° E.

14.00 Drain, course S.W. Thence over steep rocky S.W. slope

15.00 Spur bears N. and S.

17.50 Drain, course S.E. (200' descent+)

Ascend steep S.W. slope

25.00 Change to gradual S.E. slope.

At this point I set off 4°06' S. on decl. arc and at 12h10m22s P.M. l.m.t. observe the sun on the meridian. The resulting lat. is 34°25' N. which is about the proper latitude.

26.00 Change to steep S. slope

33.00 Top of mountain 500 feet above sec. corner. Descend steep rocky W. slope.

39.63 1/4 Sec. corner previously described.

Thence I run

S. 89°58' W. on a true line

49.10 Side hill drain, course S.

52.50 Drain, course S.W.

56.50 Top of small spur bears N.E. and S.W.

57.00 Descend steep W. slope of mountain

68.50 Enter nearly level land bears N. and S.

76.05 Dry wash, course N.

78.69 Cor. of Secs. 34 and 35, T.5 N.,R. 12 W. previously described

Land mountainous

Soil 4th rate

Timber, scattering pinion pine, cedar, manzanita, chemise and cactus brush.

Formation - rocky.

West on a random line between Secs. 3 and 34

2.20 Intersect corner of Secs. 2 and 3,T. 4 N.,R.12 W., which is a granite stone 6x6x5" above ground firmly set, marked and witnessed

40.83 1/4 Sec. corner bears N. 2 lks. dist., which is a pine post 4" square, 1 ft. above mound, 3 ft. base, 1 ft. high, firmly

set, marked and witnessed.
Set instrument over 1/4 Sec. corner and continue random line west.

80.24 Corner of Secs. 33 and 34, bears N. 16 lks. dist., which is a square hollow iron post 4" square filled with cement, 1 ft. above mound of stone, 4 ft. base, 1 ft. high, firmly set, marked and witnessed, marked in raised letters
T 5 N., S. 34 on N.E. face
S.G.F.R. 43 R. 12 S. 3 on S.E. face
T 4 N S. 4 on S.W. face
S.33 on N.W. face
I then return to the corner of Secs. 34 and 35
Thence I run
N. 89°58' W. on a true line between Secs. 3 and 34 over level land, through sage brush.

.06 Set iron U.S. Forest Reserve Bdy. post #118, 30 inches in ground; raise mound of earth, 4 ft. base, 1 ft. high, around post, marked
No.118 on S. side of cap
1904 on S. side of cap on rim
Reserve in N.E. and N.W. Quadrants also marked;
T. 5 N., S. 35 W.C. in N.E. Quadrant
R. 12 W. S.34 in N.W. Quadrant with 2 notches on E. and 4 notches on W. edges of rim of cap.

2.20 Corner of Secs. 2 and 3, T. 4 N., R. 12 W., previously described.
2.60 Dry wash, course E.
6.50 Leave wash, course N.
9.10 Ascend E. slope through scrub cedar
14.10 Enter abandoned field bears N. and S.
24.75 Ravine 25 lks. wide, 5 ft. deep, course N. and E.
Cedar along banks. Leave old field. Ascend gradual S.E. slope.
30.30 Drain, course N.E.
31.05 Small drain, course N.E.
33.25 Enter old abandoned field
40.83 1/4 Sec. corner previously described.
Thence I run
N. 89°46' W. on a true line. Descend steep W. slope into ravine 30 ft. deep.
42.80 Bottom of ravine, course N.E.
43.50 West bank of ravine
56.50 Top of mountain 100 lks. S. of the summit, 500 ft. above sec. corner. Thence along S. slope
64.50 Change to steep N.W. slope
68.50 Change to N.E. slope
73.00 Change to steep W. slope
80.00 Small drain, course N.W.
80.24 Cor. of Secs. 33 and 34, S.G.F.R. No.43 previously described
Land mountainous
Soil 4th rate
Timber, scattering pinion pine, oak, manzanita, cedar and chemise brush.

March 10, 1905

March 14:
At the corner of Secs. 33 and 34, S.G.F.R. No.43 at 10 A.M. l.m.t. I set off 34°28' N. on lat. arc. and 2°34' S. on decl. arc and determine a meridian with the solar
Thence I run
West on random line along S. bdy. Section 33

SANTA BARBARA FOREST BOUNDARY

1.64 Intersect corner of Sections 3 and 4, T. 4 N., R. 12 W., which is a granite stone 6x6x5 inches above ground firmly set, marked and witnessed.

39.13 1/4 Sec. corner bears N. 137 lks. dist., which is a cedar post 2 1/2 inches by 4 inches, 18 inches above mound of stone, marked 1/4 S. on N. and S.G.F.R. on S. faces, firmly set, marked and witnessed
Set instrument over 1/4 Sec. corner and continue random line west.

78.25 Corner of Secs. 32 and 33 bears N. 20.0 lks. dist., which is a cedar post 3 inches square, 2 ft. above mound of stone, 3 ft. base, 1 1/2 ft. high firmly set and marked
T. 5 N. S. 33 on N.E. face
S.G.F.R. R. 12 W. S. 4 on S.E. face
T. 4 N. S. 5 on S.W. face
S. 32 on N.W. face with 4 notches on E. and 2 notches on W. edges and witnessed
I then return to the corner of Secs. 33 and 34
Thence I run
N. 88°00' W. on a true line along S. bdy. of Sec. 33 over W. slope
1.64 Corner of Secs. 3 and 4, T. 4 N., R. 12 W.
1.82 Enter ravine, 50 lks. wide, 20 ft. deep, Course from S.E. to W.
10.50 Leave ravine, course N.W., then over gradual N.W. slope
19.00 Drain, course N.E. Ascend steep N.E. slope
21.00 Side hill drain, course N.E.
28.00 Side hill drain, course N.E.
31.70 Side hill drain, Course N.E.
33.50 Side hill drain, course N.E.
39.13 1/4 Sec. corner previously described.
Thence I run
North 89°43' West on a true line
43.25 Top of ridge bears N. and S. 500 ft above Sec. corner
At this point I set off 2°32' S. on decl. arc and at 12h09m l.m.t. observe the sun on the meridian. The resulting latitude is 34°28' N. which is about the proper latitude.
Descend steep W. slope
49.00 Drain, course N.W. Thence over N.E. slope
64.50 Descend N.W. slope
77.50 Same drain at 49.00 chains. Course S.W.
78.25 Corner of Secs. 32 and 33 previously described.
Land mountainous
Soil 4th rate
Timber, scattering pinion pine, live oak, scrub cedar, and chemise brush.
Formation - granite.

West on a randomline along S. Bdy of Sec. 32.

3.52 Cor. of Secs. 4 and 5, T. 4 N., R. 12 W. bears S. 4 lks. dist., which is a granite stone 8x6x6 inches above ground, firmly set, marked and witnessed.

43.87 1/4 Sec. corner bears S37 lks. dist., which is a cedar post 2 inches square, 2 ft. above mound of stone, 3 ft. base, 1 1/2 ft/ high, firmly set and marked:- 1/4 S. on N. and S.G.F.R. on S. faces and witnessed.
Set instrument over 1/4 Sec. corner and continue random line west.

84.59 Cor. of Secs. 31 and 32 bears N. 61 lks. dist., which is a cedar post 4 inches square, 2 ft. above mound of stone and earth, 3 ft. base, 1 1/2 ft. high firmly set and marked:
T. 5 N., S. 32 on N.E. face
S.C.F.R. R. 12 W. S.5 on S.E. face
T. 4 N., S.6 on S.W. face
S. 31 on N.W. face, 5 notches on E. and 1 notch on W. faces.
I then return to the corner of Secs. 32 and 33
Thence I run
S. 89° 31' W. on a true line along S. bdy of Sec. 32, over gradual W. slope through scrub cedar brush.
.06 Set iron U.S. Forest Reserve Bdy. Post #119, 20 inches in the ground; raised a mound of stone 5 ft. base, 2 ft. high around post marked
No.119 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants, also marked
T. 5 N., S. 33 W.C. in N.E. Quadrant
R. 12 W, S. 32 in N.W. Quadrant with 4 notches on E, and 2 notches on W. edges of rim of cap.
3.52 Cor. of Secs. 4 and 5, T. 4 N.,R. 12 W., bears S. 1 lk.
8.00 Drain, course S.W. Ascend gradual S.E. slope
14.50 Change to S.W. slope
22.00 Drain, course S.W.
25.20 Drain, course S.W.
38.00 Change to gradual W. slope
43.87 1/4 Sec. corner previously described
Thence I run
N. 89°08' W. on a true line
48.41 Set iron U.S. Forest Reserve Boundary Post #120, 30 inches in the ground; raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. of post, 8 ft. distant, marked
No. 120 on south side of cap
1905 on S. side of cap on rim
Reserve in N.E. and N.W. Quadrants
48.60 Road bears N. 20° W. and S. 20° E.
50.50 Wash 200 lks. wide, course N.W. Ascend steep E. slope
66.39 Top of mountain ridge bears N. and S.
74.00 Descend steep W. slope, change to gradual W. slope
84.59 Corner of Secs. 31 and 32 previously described
Land mountainous
Soil 4th rate
Timber, scattering pinion pine and sycamore along washes; cedar and manzanita brush

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West on random line along S. bdy. of Sec. 31
40.08 1/4 Sec. corner bears S. 23 lks. dist., which is a cedar post 4 inches square, 1 ft. above mound of stone 3 ft. base, 1 1/2 ft. high firmly set and marked 1/4 S. on N. and S.C.F.R. on S. faces and witnessed
Set instrument over 1/4 Sec. corner and continue random line west.
80.80 Intersect the corner of Twps. 4 and 5 N.,R. 12 and 13 W., which is a hollow iron post, filled with cement, 4 inches square, 1 ft. above mound of stone, 5 ft. base, 1 1/2 ft. high, firmly set and marked:

T. 5 N. S. 31 on N.E. face
S.G.F.R. 42 R. 12 W. S 6 on S.E. face
T. 4 N. S. 1 on S.W. face
R. 13 W. S. 36 on N.W. face and witnessed:
I then return to the corner of Secs. 31 and 32
Thence I run
S. 89°40' W. on a true line along S. bdy. of Sec. 31, over level land, through scattering cedar brush.

.06 Set iron U.S. Forest Reserve Boundary Post. No.121,30 inches in the ground; raised mound of stone and earth, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. of post, 8 ft. dist., marked
No. 121 on S. side of cap
1905 on S. side of cap on rim
Reserve in N.E. and N.W. Quadrants also marked
T. 5 N., S. 32 N.C. in N.E. Quadrant
R. 12 W. S. 5 in S.E. Quadrant
T. 4 N. S. 6 in S.W. Quadrant
S.31 in N.W. Quadrant with 5 notches on E. and 1 notch on W. edges of rim of cap.

16.40 Dim road bears N.E. and S.W.
20.00 Wire fence bears N.W. and S.E.
28.75 Drain, course N.W.
33.00 Vacant house bears S. 161 lks. distant
40.08 1/4 Sec. corner previously described.
Thence I run
West on a true line crossing wire fence bearing N.,S.,& W.
44.50 Thence along private wagon road
56.80 Vacant house bears S. 500 lks. distant
80.80 Corner of Twps. 4 and 5 N.,R. 12 and 13 W. previously described.
Land, level
Soil 3rd rate

March 14, 1905.

March 15;
At the corner of Twps. 4 and 5 N., R. 12 and 13 W.Bdy.post No.42 S.G.F.R. at 9 A.M. l.m.t. I set off 3°28' N. on lat. arc and 2°11' S. on decl. arc and determine a meridian with the solar.
Thence I run
S. on random line between Secs. 1 and 6.

39.02 1/4 Sec. corner bears E. 34 lks. distant, which is a cedar post 3 inches square, 1 ft. above mound of stone, 4 ft. base, 2 ft. high, firmly set and marked 1/4 S. on N. and S.G.F.R. on E. faces and witnessed.
Set instrument over 1/4 corner and continue random line south.

78.05 Corner of Secs. 1 and 12 bears E. 29 lks. dist., which is a cedar post 4 inches square, 1 ft. above mound of stone 4 ft.base 2 ft. high firmly set,marked and witnessed
I then return to the corner of T. 4 and 5 N.,R. 12 and 13 W.
Thence I run
S. 00°31' E. on a true line between Secs. 1 and 6
Ascend steep N. slope through scattering cedar and sage brush

.20 Wash 10 lks. wide, course W.
9.50 Rock ledge 50 ft. high bears N. and S.
12.50 Top of ridge bears N.W. and S.E. 300 ft. ascent
13.72 Descend gradual S.W. slope
37.25 Over rock boulders
39.02 1/4 Sec. corner previously described
Thence I run
S.00°35' E. on a true line
45.70 Dry creek 20 lks. wide, course N.W.
Ascend gradual N.W. slope.

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50.25 From this point Acton school house of Acton bears N.53°15' W.
52.25 Vacant house bears S.53° E. 350 lks. distant.
59.50 Ravine 200 lks. wide, 30 ft. deep, Course N.W.
65.00 Side hill drain, course N.E.
67.00 Drain, course N.E.
78.05 Corner of Secs. 1 and 12 previously described.
Land mountainous
Soil 3rd and 4th rate
Timber, scrub cedar.
Formation - volcanic

S. on random line between Secs. 7 and 12
1.29 Intersect the closing corner of Secs. 6 and 7 which is a granite stone 6x6x6 inches above ground, firmly set, marked and witnessed
38.25 1/4 Sec. corner bears E. 84 lks. distant which is a cedar post 4 inches square, in small mound of stone, I enlarge mound to 4 ft. base and 2 ft. high, post firmly set and marked 1/4 S. on N. and S.C.F.R. on E. faces and witnessed
Set instrument over 1/4 Sec. corner and continue random line south.
At 1/4 Sec. corner I set off 2°05' S. on decl. arc and at 12h09m p.m. l.m.t. observe the sun on the meridian. The resulting latitude is 34°27' N. which is about 21' less than the proper latitude.
77.38 Cor. of Secs. 12 and 13 bears E. 20 lks. distant, which is a cedar post 4 inches square, 1 ft. above mound of stone, 4 ft. base, 2 ft. high firmly set and witnessed. I then return to Cor. of Secs. 1 and 12,
Thence I run
S. 1°15' E. on a true line between Secs. 7 and 12.
1.29 Closing cor. of Secs. 6 and 7 bears W. 2 lks. distant
11.00 Top of mountain about 200 lks. W. of summit
11.13 Set iron U.S. Forest Reserve Boundary Post No.122, 30 inches in the ground; raised mound of earth and stone, 4 ft. base, 1 ft. high around post, marked
No. 122 on south side of cap.
1905 on S. side of cap on rim
RESERVE in N.W. and S.W. Quadrants.
Then descend S.W. slope of mountain
21.45 Drain, course W. 200 ft. descent. Ascend steep N.W. slope
27.00 Top of ridge bears E. and W. Descend steep S.W. slope
30.60 Over rocks bearing N.E. and S.W.
38.00 Drain, course S.W.
38.25 1/4 Sec. corner previously described.
Thence I run
S. 0°17' E. on a true line
40.25 Drain, course S.W.
42.15 Drain, course W. Ascend steep N.W. slope
50.00 Top of ridge bears N.E. and S.W.
53.00 Descend steep S.E. slope
57.00 Change to N.E. slope
59.50 Thence to steep S.E. slope
64.00 Side hill drain, course S.E.
65.20 Change to S. slope
69.00 Drain, course S.E.
72.20 Drain, course S.E.
77.32 Set iron U.S. Forest Reserve Boundary Post No.123, 30 inches in the ground; raised mound of stone and earth, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. of post, 6 ft. distant, marked

No.123 on south side of cap
1905 on S. side of cap on rim
RESERVE in N.W. and S.W. Quadrants also marked
T.4 N., S. 13 in S.W. Quadrant
R. 13 W. S.12 in N.W. Quadrant
W.C. in N.E. Quadrant with 2 notches on N. and 4 notches on S. edges of rim of cap.

77.38 Cor. of Secs. 12 and 13 previously described
Land mountainous
Soil 3rd and 4th rate
Timber, dense brush of chemise and scrub cedar
Formation - granite

March 15,1905

March 17:
At the corner of Secs. 12 and 13 at 9 A.M. l.m.t. I set off 34°26' E. on the lat. arc and 1°24' S. on the decl. arc. and determine meridian with the solar
Thence I run
S. on random line between Secs. 13 and 18

3.46 Closing corner of Secs. 7 and 18, T. 4 N., R. 12 W. bears E. 6 lks. dist., which is agranite stone 10x14x6 inches above ground firmly set, marked and witnessed

39.50 1/4 Sec. corner bears E. 148 lks. distant which is a manzanita post 5 in. diam., firmly set and marked 1/4 S. on N. and S.C.F.R. On E. faces and witnessed
Set instrument over 1/4 corner and continue random line south

79.13 Corner of Secs. 13 and 24 bears E. 101 lks. dist., which is a hollow iron post filled with cement 4 inches square at top and 2 1/2 ft. above mound of stone 3 ft. base, 1 ft. high firmly set and marked in raised letters: T.4.N.,S.18 on N.E. face; S.C.F.R. 41 R.12 W.,S.19 on S.E. face; R. 13 W.,S.24 on S.W. face; S. 13 on N.W. face and witnessed;
I enlarge mound around post to 5 ft. base, 1 1/2 ft. high and dig pits 24x24x12 inches N.W. and S.W. of post 4 ft. dist.
I then return to cor. Secs. 12 and 13
Thence I run
S.2°08' E. on a true line between Secs. 13 and 18

.35 Creek 15 lks. wide, course S.W. Ascend through dense brush
3.46 Closing corner of Secs. 7 and 18 bears W. 5 lks.
19.00 Top of ledge bears E. and W. Descend S. slope
24.30 Drain, course N. 70° W.
32.50 Drain, course N.W.
34.75 Drain, course N.W.
36.00 Top of Lyons ridge bears E. and W.
37.70 Drain, course S.W.
39.20 Small drain, course N.W.
39.50 1/4 Sec. corner previously described
Thence I run
S. 1°27' E. on a true line
40.20 Small drain, course N.W.
41.00 Low spur bears N.W. and S.E.
42.70 Drain, course N.W.
46.00 Top of low divide bears E. and W.
48.20 Drain, course S.W.
51.50 Drain, course S.W.
53.00 Spur bears E. and W.
54.10 Drain, course S.
59.90 Dry wash 20 lks. wide, course W.
66.25 Dry wash, 100 lks. wide, 4 ft. banks, course W.
69.50 Low spur bears E. and W.
75.55 Drain, course N.W.
77.00 Drain, course N.W.

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79.13 Corner of Secs. 13 and 24, S.O.F.R. 41 previously described
Land mountainous
Soil, 4th rate
Timber, dense chemise and manzanita brush
Formation - granite

W. on random line between Secs. 13 and 24
13.00 At this point I set off 1°21' S. on the decl. arc and at 12h06m37s p.m. l.m.t. observe the sun on the meridian. The resulting latitude is 34°25' N. which is about 14" less than the proper latitude.
47.66 1/4 Sec. corner bears S.322 lks. dist., which is a granite stone 14x8x6 inches above ground firmly set and marked 1/4 S. on N. and S.O.F.R. on S. faces and witnessed. I mark bearing trees as follows;
A dead cedar tree 3 inches diam. bears N. 71° E. 33 lks. dist., marked 1/4 S.B.T.
A cottonwood 8 inches diam. bears S. 3° E. 16½ lks.dist., marked 1/4 S.B.T.
I set a manzanita post 4 ft. long, 4 inches square by side of stone.
81.89 Cor. of Secs. 13,14,23,24 bears N. 91 lks.,dist.,which is a cherry post 16 inches above mound of stone, 2 ft. base, 1 ft. high, firmly set and marked;
T. 4 N., S. 13 on N.E. face
R. 13 W. S. 24 on S.E. face
S.O.F.R. S. 23 on S.W. face
S. 14 on N.W. face with 1 notch on E. and 3 notches on S. edges and witnessed
I enlarge mound of stone to 5 ft. base by 1 1/2 ft. high around post, and dig pits 24x24x12 inches in each sec. 4 ft. distant
I then return to the corner of Secs. 13 and 24 (S.O.F.R.41)
Thence I run
S. 88°05' W. on a true line between Secs. 13 and 24 over gradual W. slope through dense brush
4.00 Descend steep bank of creek
6.85 Creek 20 lks. wide, course N. 20° W. running water
7.20 Ascend steep W. bank of creek
8.00 Thence over gradual E. slope
14.65 Dim road, bears N. and S.
19.50 Small drain, course N.
28.00 Descend steep E. bank of creek
30.00 Creek, 40 lks. wide, course N. Ascend steep W. bank
38.40 Descend steep bank to creek
40.25 Creek, 20 lks. wide, course N.E. to W.
44.70 Leave creek, course S.W. to E.
47.66 1/4 Sec. corner previously described
Thence I run
N. 88°29' W. on a true line
49.00 Small drain, course N.E. Ascend gradual E. slope
60.14 Dim road bears N. and S.
66.50 Change to gradual W. slope
69.75 Drain, course N.
72.00 Top of spur bears N. and S.
73.75 Drain, course N.E.
75.00 Ascend steep E. slope
77.00 Change to gradual E. slope
81.50 Top of ridge bears N. and S.
81.89 Cor. of Secs. 13,14,23 and 24 previously described
Land mountainous
Soil 4th rate
Timber, chemise and manzanita brush
Formation-granite

March 17,1905

March 18;
At the corner of Secs. 13,14,23 and 24 at 9 A.M. l.m.t. I set off 34°25' N. on lat. arc and 1°00' S. on the decl. arc and determine a meridian with the solar.
Thence I run
W. on a random line between Secs. 14 and 23
42.13 Intersect 1/4 sec. corner which is an ash post 4x5 inches square, 1 ft. above mound of earth, 3 ft. base, 1 1/2 ft. high firmly set and marked 1/4 S. on N. and S.C.F.R. on S. faces and witnessed
Continue random line west
81.02 Cor. of Secs. 14,15,22,23 bears S. 106 lks. dist., which is a manzanita post 5 inches square 2 1/2 ft. above small mound of stone, firmly set, witnessed and marked:
T. 4 N. S. 14 on N.E. face
R. 13 W. S.23 on S.E. face
S.C.F.R. S. 22 on S.W. face
S. 15 on N.W. face with 2 notches on E. and 3 notches on S. edges.
I enlarge a mound of stone to 3 ft. base, 1 1/2 ft. high, around post.
I then return to corner of Secs. 13,14,23 and 24.
Thence I run
West on true line between Secs. 14 and 23 over N.W. slope through dense brush
.06 Set iron U.S. Forest Reserve Boundary Post No.124, 30 inches in the ground; raised mound of stone and earth, 4 ft. base, 1 ft. high around post, marked
No.124 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants also marked
T.4 N., S. 13 W.C. in N.E. Quadrant
R. 13 W. S.24 in S.E. Quadrant
S.23 in S.W. Quadrant
S. 14 in N.W. Quadrant with 1 notch on E. and 3 notches on S. edges of rim of cap
2.25 Drain, course N.E. Ascend steep E. slope of mountain
12.50 Top of ridge bears N.W. and S.E. Descend steep S.W. slope
37.25 Change to gradual W. slope
42.13 1/4 Sec. corner previously described (700 ft. descent)
Thence I run
S.88°27' W. on a true line. Descend steep N. slope, then over gradual N. slope
43.94 Dry wash 20 lks. wide, course N.W.
45.25 Dry wash, 10 lks. wide, course N.W.
46.00 Ascend gradual N.W. slope
49.25 Top of low spur bears N. and S.
51.50 Drain, course N. Ascend N.E. slope
55.50 Top of low spur, bears N. and S.
At this point I set off 0°50' S. on decl. arc and at 12h05m19s P.M. l.m.t. observe the sun on the meridian. The resulting latitude is 34°25' N. which is about 14" less then the proper latitude.
58.33 Drain, course N.E. Ascend E. slope of mountain
61.00 Spur bears N. and S.
62.45 Drain, course N.E.
67.50 Top of spur bears N.E. and S.W. Descend N.W. slope
70.50 Change to steep N.E. slope
73.00 Top of spur bears N.W. and S.E.
76.00 Drain, course N.E. Ascend steep N.E. slope
79.40 Top of ridge bears N. and S.

SANTA BARBARA FOREST BOUNDARY

Set iron U.S. Forest Reserve boundary Post No.125,30 inches in the ground;raised mound of stone and earth, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. pf post, 8 ft. distant, marked
No.125 on south side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants also marked
T.4 N., S. 14 W.C. in N.E. Quadrant
R.13 W. S. 23 in S.E. Quadrant
S. 22 in S.W. Quadrant
S. 15 in N.W. Quadrant with 2 notches on E. and 3 notches on S edges of cap.

Note: The corner of Secs. 14,15,22,23 falls on a rock ledge impossible to set post in ground. Descend steep N. slope

81.02 Cor. of Secs. 14,15,22 and 23 previously described.
Land mountainous
Soil 4th rate
Timber, sycamore along creek;dense undergrowth of chemise, manzanita and ironwood.

West on a random line between Secs. 15 and 22.

41.11 1/4 Sec. corner bears S. 40 lks. dist., which is a cedar post 4 inches square, 2 ft. above small mound of stone, marked; 1/4 S. on N. and S.Q.F.R. on S. faces; I enlarge mound of stone to 4 ft. base, 1 1/2 ft. high around post.
Set instrument over 1/4 Sec. corner and continue random line west.

March 18,1905.

March 20:
At 1/4 Sec. corner at 9 A.M. l.m.t., I set off 34°25' N. on the lat. arc and 0°13' S. on decl. arc and determine a meridian with the solar.
Continue random line west.

80.92 Corner of Secs. 15 and 22 bears 11 lks. dist., which is a hollow iron post filled with cement 4 inches square at the top, 1 ft. above mound of stone, 4 ft. base, 1 ft. high marked:
T. 4 N., S. 15 on N.E. face
R. 13W. S. 22 S.Q.F.R. 40 on S.E. face
S. 21 on S.W. face
S. 16 on N.W. face
The corner of Secs. 16 and 21, T.4 N.,R. 13 W. bears S. 80 lks. from corner of Secs. 15 and 22, which is a cedar post 4 inches square, 2 ft. above mound of stone, 2 ft. base, 1 ft. high, firmly set, marked and witnessed; I enlarge a mound to 3 ft. base, 1 1/2 ft. high around post; dig pits 18x18x12 inches in N.W. and S.W. of Cor., 5 1/2 ft. distant.
I then return to corner of Secs. 14,15,22,23.
Thence I run
S. 89°27' W. on a true line between Secs. 15 and 22.
Descend steep N.W. slope through brush
2.00 Ascend steep N.E. slope
4.75 Top of spur bears N. and W. Descend steep N.W. slope
6.25 Small drain, course N.W.
13.50 Drain, course N.W.
17.50 Spur bears N.W. and S.E.
18.40 Drain, course N.W.
19.50 Drain, course N. Ascend steep E. slope
23.00 Top of spur bears E. and S. Descend steep W. slope

23.12 Water tank at Ravenna bears N. 0°45' E.
27.20 Drain, course N. Ascend steep E. slope
38.00 Top of ridge bears N. and S. Descend W. slope
41.11 1/4 Sec. corner previously described.
Thence I run
N.89°51' W. on a true line
43.60 Drain, course N. Ascend N.E. slope
45.90 Small drain, course N.E.
47.60 Small drain, course N.E.
50.60 Top of low spur bears N. and S. Descend.
52.25 Small drain, course N.E.
55.40 Low ridge bears N. and S.
56.25 Small side hill drain, course N.
58.00 Descend N.W. slope
61.50 Drain, course N.
65.40 Drain, course N.
71.40 Drain, course N.
73.25 Drain, course N.
77.50 Top of spur bears N. and S.
80.92 Cor. of Secs. 15 and 22, S.G.F.R. No.40 previously described.
Land mountainous
Soil, 4th rate
Timber, dense brush of chemise, manzanita, ironwood and mahogany.
Formation - granite.

West on a random line between Secs. 16 and 21 from corner of Secs. 16 and 21, which is 80 lks. S. of corner of Secs. 15 and 22, S.G.F.R. No. 40
40.00 Find no trace of 1/4 Sec. corner
46.21 1/4 Witness corner (old corner) bears S. 3 lks., which is an oak post, 3 inches square, 2 ft. above mound of stone, 2 ft. base, 1 ft. high marked 1/4 S.W.C. on W. face
Set instrument over 1/4 W.C. and continue random line west.
79.23 Corner of Secs. 16,17,20,21 bears N. 176 lks. which is an oak post 5 inches square, 2 ft. above ground marked
T.4 N., S. 16 on N.E. face
R. 13 W., S. 21 on S.E. face
S.G.F.R. S. 20 on S.W. face
S. 17 on N.W. face with 4 notches on E. and 3 notches on S. edges; I raise mound 3 ft. base, 1 1/2 ft. high around post.
I return to corner of Secs. 16 and 21.
Thence I run
S. 89°58' W. on a true line between Secs. 16 and 21
.75 Over steep W. slope
9.75 Foot of steep descent bears N. and S.
13.18 A creek 50 lks wide with pure water 10 lks. wide, 3 inches deep, course N. Ascend steep S.E. slope of mountain
26.85 Top of ridge bears N. and S. 400 ft. above creek.
27.00 At this point I set off 0°10' S. on decl. are and at 12h07m43s P.M. l.m.t. observe the sun on the meridian. The resulting latitude is 34°25' N. which is about 14" greater than the proper latitude.
Descend steep W. slope
33.60 Small drain, course N.W.
37.00 Drain, course N.W. Ascend.
40.73 Drain, course N.W.
42.75 Ravine 200 lks. wide, 50 ft. deep, course N.
46.21 1/4 witness corner previously described.
Thence I run
N.86°58' W. on a true line
47.80 Drain, course N.E.

54.60 Top of ridge bears N. and S. Descend steep N. slope
58.50 Small drain, course N.W.
62.90 Creek, 10 lks. wide., course N.E.
67.35 Ascend steep S.E. slope
68.50 Small drain, course S.W.
71.58 Top of ridge bears N.W. and S.E.
79.23 Corner of Secs. 16,17,20,21 previously described.
Land mountainous
Soil 4th rate
Timber, sycamore along creek, dense growth of chamise, manzanita, live oak, and ironwood brush.

March 20,1905.

March 21;
At the corner of Secs. 16,17,20 and 21 at 10 A.M. l.m.t. I set off 0°07' S. on the decl. arc and 34°25' W. on the lat. arc. and determine meridian with the solar.
Thence I run
West on a random line between Secs. 17 and 20
40.50 1/4 Sec. corner bears N. 7 lks. dist., which is a granite stone 6x6x6 inches above ground firmly set, marked and witnessed.
Set instrument over 1/4 Sec. corner and continue random line west.
81.27 Cor. of Secs. 17,18,19,20 bears N. 18 lks. dist., which is a white quartz stone 8x18x8 inches above ground, firmly set and marked: S.G.F.R. on S. face, 3 notches on S. face and 5 notches on E. face.
I then return to corner of Secs. 16,17,20,21.
Thence I run
N. 89°54' W. on a true line between Secs. 17 and 20, through dense brush.
.50 Ravine 5 lks. wide, 10 ft. deep, course S.E.
Descend N.E. slope
2.00 Same ravine, course N.E. Ascend S.E. slope
8.00 Change to S.W. slope
12.50 Same ravine, course S.E. Ascend N.E. slope
22.00 Top of ridge bears N. and S.
22.00 Set iron U.S. Forest Reserve Boundary post No. 126, 30 inches in ground; raise mound of earth, 4 ft. base, 1 ft. high, around post, dig pits 36x36x12 inches E. and W. of post, 6 feet distant, marked:
No.126 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants
22.00 Descend W. slope
29.00 Small drain, course N.W.
30.00 Drain, course N.W.
35.00 Low spur bears N. and S.
36.75 Drain, course N.W.
40.00 Low spur bears N. and S.
40.50 1/4 Sec. corner previously described.

March 21,1905.

March 22;
Thence I run
N. 89°45' W. on a true line
42.00 Top of ridge bears N. and S. Descend steep N.W. slope

53.40 Ravine 50 lks. wide, 20 feet deep, course S.W. Ascend E. slope
57.40 Descend W. slope
59.50 Head in same ravine, running from S.E. to S.W.
61.70 Creek 30 lks. wide, course N.W. Thence along W. slope
68.00 Ascend steep N.E. slope
70.75 Small drain, course N.E.
73.00 At this point I set off 0°37' E. on the decl. arc and at 12h07m07s p.m. l.m.t. observe the sun on the meridian. The resulting latitude is 34°25' N. which is about 14" less than the proper latitude.
77.00 Top of spur bears N. and S. Descend N.W. slope
81.00 Ravine 10 lks. wide, 4 feet deep, course N.E.
81.27 Corner of Secs. 17,18,19,20 previously described.
Land mountainous
Soil 4th rate
Timber, sycamore and cottonwood along creeks; dense brush of chemise, manzanita, live oak and ironwood.

March 22, 1905.

March 23:
At the corner of Secs. 17,18,19 and 20 at 9 A.M. l.m.t. I set off 34°25' N. on the lat. arc and 00°58' N. on the decl. arc and determine a meridian with the solar.
Thence I run
West on a random line between Secs. 18 and 19
40.07 1/4 Sec. corner bears N. 26 lks. distant which is a granite stone 10x18x10 inches above ground firmly set and marked S.G.F.R. on S. and 1/4 on N. faces.
I set instrument over 1/4 Sec. corner and continue random line west.
81.76 Corner of Secs. 13,18,19,24 bears N. 63 lks. distant which is a hollow iron post, filled with cement, 4 inches square at the top 2 feet above mound of stone, 5 ft. base, 1 1/2 ft. high, marked:
T 4 N., S. 18 on N.E. face
S.G.F.R. 39 R.13 W. S.19 on S.E. face
R.14 W. S.24 on S.W. face
S.13 on N.W. face with 3 notches on N. and 3 notches on S. faces
I then return to Cor. Secs. 17,18,19,20.
Thence I run
North 89°38' W. on a true line between Secs. 18 and 19
Ascend steep slope of mountain through dense brush
.06 Set iron U.S. Forest Reserve Boundary Post #127, 30 inches in the ground; raised mound of stone and earth, 5 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. of post, 8 ft. distant, marked
No.127 on south side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants also marked
T.4 N., S.17 W.C. in N.E. Quadrant
R.13 W. S.20 in S.E. Quadrant
S.19 in S.W. Quadrant
S.18 in N.W. Quadrant with 5 notches on E. and 3 notches on S. edges of rim of cap.
6.20 Top of ridge bears N. and S. Descend steep W. slope
10.25 Drain, course N. 20° W. Ascend
17.42 Top of ridge bears N. 20° E. and S. 20° W.
Descend steep S.W. slope
26.10 Side hill drain, course S.W.
29.70 Top of spur bears N. and S.
31.65 Drain, course N.W.
36.30 Side hill drain, course N.

39.00 Top of spur bears N. and E.
40.07 1/4 Sec. corner previously described
Thence I run
North 89°06' west on a true line.
45.95 Drain, course N.W.
49.75 Top of spur bears N. and S. Descend W. slope
50.00 At this point I set off 1°01' N. on the decl. arc and at 12h06m49s P.M. l.m.t. observe the sun on the meridian. The resulting latitude is 34°25' N. which is about 14" less than the proper latitude.
52.85 Ravine, 50 lks. wide, 10 ft. deep, course N.
54.75 Top of ridge, bears N. and S. Descend steep W. slope.
58.10 Creek, 20 lks. wide, 6 inches deep, course N.
Ascend steep E. slope of mountain
73.11 Top of ridge of mountain bears N.W. and S.E.
Thence along S. slope
78.60 Descend steep N.W. slope
81.76 Corner of Secs. 13, 18, 19 and 24 S.C.F.R. No.39
Land mountainous
Soil 3rd and 4th rate
Timber, sycamore, cottonwood and alder along creeks, dense growth of chemise, manzanita, live oak, and ironwood.
Formation - granite.

March 23, 1905.

March 24, 1905:
At the corner of Secs. 13, 18, 19 and 24, S.C.F.R. No.39 at 8 A.M.l.m.t. I set off 34°25' N. on the lat. arc and 1°22' N. on decl. arc and determine meridian with the solar
Thence I run
West on a random line between Secs. 13 and 24, T.4.N., R.14.W.
39.60 1/4 Sec. corner bears S. 26 lks. dist., which is a granite stone 14x8x6 inches above ground, firmly set, and marked 1/4 on N. and S.C.F.R. on S. faces.
Set instrument over 1/4 Sec. corner and continue random line west.
79.75 Corner of Secs. 13, 14, 23, 24 bears N. 15 lks. distant, which is a granite stone 12x12x8 inches above ground, firmly set and marked S.C.F.R. on S. face, 1 notch on E. and 3 notches on S. faces
I then return to corner of Secs. 13, 18, 19 and 24, S.C.F.R. No. 39.
Thence I run
S. 89°35' W. on a true line between Secs. 13 and 24, over N.W. slope of mountain, through dense brush.
5.00 Change to steep W. slope
14.22 Canyon 150 lks. wide, 50 feet deep, bears N. 20° E. and S. 20° W.
14.50 Ascend steep E. slope
18.80 Small side hill drain, course S.W.
21.00 Side hill drain, 75 lks. wide, 20 ft. deep, course S.E.
25.40 Small spur bears N.E. and S.E.
29.30 Ravine 150 lks. wide, 20 feet deep, course S.E.
Thence over steep E. slope
39.60 1/4 Sec. corner previously described.
Thence I run
North 89°45' W. on a true line
40.20 Change to gradual S.E. slope
48.15 Top of ridge bears N. 30° E. and S. 30° W.
Descend steep N.W. slope
55.00 Change to steep N. slope
57.00 Change to N.E. slope

SANTA BARBARA FOREST BOUNDARY

59.90 Top of ridge bears N. and S. Descend steep W. slope
60.00 At this point I set off 1°24' N. on decl. arc and at 12h06m31s p.M.l.m.t. I observe the sun on the meridian. The resulting latitude is 34°25' N. which is about 14" less than the proper latitude.
63.10 Side hill drain, course N.W.
69.42 Drain, course N.E. Ascend steep S.E. slope
77.64 Top of ridge bears N.E. and S.W. (400 feet above drain).
Thence along steep N. slope
79.75 Corner of Secs. 13,14,23 and 24 previously described.
Land mountainous
Soil 2nd and 4th rate
Timber, sycamore and cottonwood along creeks.
Dense growth of chemise, manzanita, live oak and alder.
Formation - granite.

West on a random line between Secs. 14 and 23
40.63 1/4 Sec. corner bears N. 32 lks. distant, which is a granite stone 24x18x16 inches above ground in mound of stone, firmly set and marked 1/4 on N. and S.C.F.R. on S. faces
Set instrument over 1/4 Sec. corner and continue random line west.
81.38 Corner of Secs. 14,15,22 and 23 bears N. 35 lks. distant, which is a granite stone 10x14x8 inches above ground, firmly set and marked S.C.FR. on S. face, with 2 notches on E. and 3 notches on S. faces.
I then return to the corner of Secs. 13,14,23 and 24
Thence I run
North 89°33' W. on a true line between Secs. 14 and 23 over steep N. slope through dense brush
.06 Set iron U.S. Forest Reserve Boundary Post No.128,30 inches in the ground; raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. of post, 8 ft. distant, marked
No. 128 on south side of cap
1905 on N. side of cap on rim
XXSXNVX in N.E. and N.W. Quadrants, also marked
T. 4 N., S.13 W.C. in N.E. Quadrants
R.14 W., S.24 in S.E. Quadrant
S.23 in S.W. Quadrant
S.14 in N.W. Quadrant with 1 notch on E. and 3 notches on S. edges of rim of cap.
7.75 Change to steep E. slope
13.00 Top of ridge bears N. and S.
14.00 Descend steep W. slope
23.15 Side hill drain, course S.W.
24.38 Rock ledge, 10 feet high, bears N.W. and S.E.
26.55 Large drain, course N.W. Ascend N.E. slope of mountain
40.63 1/4 Sec. corner previously described.

March 24, 1905.

March 25:
At 1/4 Sec. corner at 1 P.M.l.m.t., I set off 34°25' N. on lat. arc and 1°49' N. on decl. arc and determine a meridian with the solar.
Thence I run
N. 89°30' W. on a true line between Secs. 14 and 23
41.00 Rock ledge bears N.W. and S.E.
52.00 Top of mountain bears N.W. and S.E. 550 feet above last drain.

SANTA BARBARA FOREST BOUNDARY

From highest point on ridge a peak bears N. 37°30' W. about 11.00 chains.
Thence along S. slope
61.00 Change to S.W. slope
62.00 Small drain, course S.W.
Thence over broken S.W. slope through dense brush
67.00 Drain, course S.W.
68.50 Ridge bears N.E. and S.W.
72.30 Drain, course S.W.
74.50 Drain, course S.W.
79.85 Low ridge bears N. and S.
81.32 Set iron U.S. Forest Reserve Boundary Post No.129, 30 inches in the ground; raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 inches E. and W. of post, 6 feet distant, marked
No. 129 on south side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants also marked
T. 4 N., S. 14 W.C. in N.E. Quadrant
R. 14 W. S. 23 in S.E. Quadrant
S. 22 in S.W. Quadrant
S.15 in N.W. Quadrant with 2 notches on E. and 3 notches on S. faces
81.38 Corner of Secs. 14,15,22,23 previously described
Land mountainous
Soil 2nd and 4th rate
Timber, dense growth of chemise, manzanita, live oak and ironwood
Formation - granite.

March 25, 1905.

SANTA BARBARA FOREST BOUNDARY
T. 4 N., R. 14 W.

March 28:
At the corner of Secs. 14, 15, 22 and 23, T. 4 N., R. 14 W. at 10 A.M. l.m.t., I set off 34°25' N. on lat. arc and 2°56' N. on decl. arc and determine meridian with solar.
Mag. Variation 15°10'

Thence I run
W. on random line between Secs. 15 and 22.
41.48 ¼ section corner bears N. 27 lks. dist., which is a granite stone 8x14x5 ins. above ground, firmly set and marked: ¼ S. on N. and S.G.F.R. on S. faces.
Set instrument over ¼ section corner and continue random line W.
83.56 Witness corner of Secs. 15, 16, 21 and 22 bears N. 15 lks. dist., which is a hollow iron pipe, filled with cement, 4 ins. square at the top, 2 ft. above ground firmly set and marked
T. 4 N., S. 15 on N.E. face
S.G.F.R. 38 R. 14 W. S. 22 on S.E. face
S. 21 on S.W. face
S. 16 on N.W. face with
3 notches on S. and 3 notches on E. faces; also a granite stone 8x10x8 ins. above ground, firmly set and marked: W.C. on E. face, set alongside iron pipe.
This corner is accepted as being 100 lks. W. of the true point for corner of Secs. 15, 16, 21 and 22.
I then return to corner of Secs. 14, 15, 22 and 23.
Thence I run
N. 89°38' W. on a true line between Secs. 15 and 22 over S. slope, through dense brush.
5.20 Head of small drain. Course S.W.
8.50 Change to gradual N. slope.
10.00 Change to gradual N.E. slope.
15.00 Elevation 3250 ft.
20.00 Top of ridge brs. N. 70° W. and S. 70° E.
24.50 Same ridge brs. N. 70° E. and S. 70° W.
36.75 Change to steep N. slope.
41.23 Small drain course N.W.
41.48 ¼ section corner previously described.
Thence I run
N. 89°48' W. on a true line
At this ¼ section corner I set off 2°58'30" N. on the decl. arc and at 12h 05m 17s P.M. l.m.t. observe the sun on the meridian. The resulting lat. is 34°25' N., which is about 14" less than the proper latitude.
47.50 Same drain course S.W.
52.50 Top of ridge brs. N.E. and S.W.
53.00 Descend steep N.W. slope.
55.00 Change to steep W. slope.
58.00 Drain course S.W. Thence along steep S.W. slope.
65.75 Change to steep W. slope.
73.25 Ravine 150 lks. wide, 50 ft. deep, course S.W.
Thence along broken rocky S. slope.
82.56 True point for corner of Secs. 15, 16, 21 and 22.
83.00 Top of spur brs. N.E. and S.W. Descend gradual S.W. slope.
83.56 Witness corner of Secs. 15, 16, 21, 22 S.G.F.R. No. 38 previously described.
Land mountainous.
Soil 2nd and 4th rate.
Timber, dense brush of chemise, live oak, ironwood, manzanita and alder.

March 28, 1905.

SANTA BARBARA FOREST BOUNDARY
T. 4 N., R. 14 W.

March 30:
At the witness corner of Secs. 15, 16, 21 and 22 at 8 A.M. l.m.t. I set off 34°25' N. on lat. arc and 3°41' N. on the decl. arc and determine a meridian with the solar.
Thence I run
W. on a random line between Secs. 16 and 21.
43.63 Counting distance from true point for corner.
Witness ¼ section corner brs. S. 37 lks. dist., which is a granite stone 22x15x15 ins. above ground, firmly set and marked: W.C. ¼ on N. and S.G.F.R. on S. faces.
Set instrument over ¼ witness corner and continue random line W.
77.27 Corner of Secs. 16, 17, 20 and 21 brs. N. 46 lks. dist., which is a granite stone 12x14x6 ins. above ground, firmly set and marked: S.G.F.R. on S. face with 4 notches on E. and 3 notches on S. faces.
I then return to corner of Secs. 15, 16, 21, 22.
Thence I run
S. 89°31' W. on a true line between Secs. 16 and 21 over S.W. slope, through dense brush.
9.40 Bear Creek Canyon 1850 ft. descend, then a creek 10 lks. wide, 6 ins. deep, pure water, course N. 20° W.
Ascend steep E. slope.
24.90 Top of spur brs. N. 20° E. and S. 20° W., 650 ft. above Bear Creek; thence along steep N. slope.
27.00 Rock ledge 30 ft. high brs. N. and S. Descend steep rocky N.W. slope.
32.00 Ascend steep rocky N.E. slope.
39.00 Top of spur brs. N.E. and S.W.
40.00 Ravine 200 lks. wide, 50 ft. deep, course N.E.
43.50 Top of spur brs. N. and S.
43.63 Witness ¼ section corner previously described.
Thence I run
N. 89°13' W. on true line.
45.00 Head of drain course N.
48.93 Ridge brs. N. 30° W. and S. 30° E.
54.70 Drain course N.W., thence along gradual N. slope.
At this point I set off 3°45' N. on decl. arc and at 12h 04m 40s l.m.t. observe the sun on the meridian. The resulting lat. is 35°25' N. which is about 14" less than the proper latitude.
61.75 Small drain course N.
62.00 Side hill drain course N.
68.00 Descend steep W. slope into canyon.
73.00 Bottom of canyon course N., ascend steep E. slope.
76.50 W. bank of canyon, thence over gradual E. slope.
77.25 Corner of Secs. 16, 17, 20 and 21 previously described.
Land mountainous.
Soil 3rd and 4th rate.
Timber, dense brush of chemise, manzanita and live oak, sycamore and cottonwood along Bear Creek Canyon

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W. on a random line between Secs. 17 and 20.
39.01 ¼ section corner brs. S. 28 lks. dist., which is a granite stone 14x16x16 ins. above ground, firmly set and marked: ¼ on N. and S.G.F.R. on S. faces.
Set instrument over ¼ corner and continue random line W.
78.74 Corner of Secs. 17, 18, 19, 20 brs. S. 13 lks. dist., which is a boulder in place 4x4x3 ft. above ground, firmly set

and marked: S.G.F.R. on S. face with 5 notches on E. and 3 notches on S. faces.
I then return to corner of Secs. 16, 17, 20 and 21.
Thence I run
S. 89°36' W. on a true line between Secs. 17 and 20 over gradual E. slope, through dense brush.

.06 Set iron U. S. Forest Reserve Boundary Post No. 130, 30 ins. in the ground; raised mound of earth and stone, 5½ ft. base, 1½ ft. high around post and dig pits 36x36x12 ins. E. and W. of post, 6 ft. dist., marked
No. 130 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants, also marked
T. 4 N., S. 16 W. C. in N.E. Quadrant
R. 14 W., S. 21 in S. E. Quadrant
S. 20 in S. W. Quadrant
S. 17 in N. W. Quadrant with 4 notches on E. and 3 on S. edges of rim of cap.

9.10 Top of ridge brs. N. and S. Descend W. slope.
18.25 Change to S.W. slope.
26.50 Ravine 200 lks. wide 75 ft. deep, course S.
29.00 Side hill drain, course S.
30.50 Descend steep W. slope.
36.70 Creek 5 lks. wide, 3 ins. deep, pure water, course N.W.
38.00 Low spur brs. N. and S.
38.85 Small drain, course N.
39.01 ¼ section corner previously described.
Thence I run
S. 89°49' W. on a true line over N. slope.
44.00 Drain course N.E. Ascend S.E. slope.
47.00 Side hill drain, course N.E.
54.45 Top of ridge brs. N.E. and S.W. Descend steep N.W. slope.
58.50 Change to steep W. slope.
62.00 Drain, course N.W.
64.75 Small drain course N.E.
66.00 Low ridge brs. N. and S.
67.25 Small drain course N.W.
69.80 Dry wash 50 lks. wide course N.E.
72.50 Ascend S.E. slope.
76.50 Spur brs. N.W. and S.E.
78.00 Small drain course S.E.
78.74 Corner of Secs. 17, 18, 19, 20, previously described.
Land mountainous.
Soil 2nd and rth rate.
Timber, sycamores along creek; dense growth of chemise and live oak.
Formation granite.

March 30, 1905

March 31:
At the corner of Secs. 17, 18, 19 and 20, T. 4 N., R. 14 W. at 9 A.M. l.m.t., I set off 34°25' N. on lat. arc and 4°06' N. on decl. arc and determine a meridian with the solar.
Thence I run
W. on random line between Secs. 18 and 19.

10.89 Note: Old corner Secs. 17, 18, 19 and 20 brs. S. 10 lks. dist., a post 3 ins. sq. in mound of stone, witnessed and marked.

SANTA BARBARA FOREST BOUNDARY
T.4 N.,R. 14 W.

39.92 ¼ section corner brs. N. 31 lks. dist., which is a granite stone 8x8x8 ins. above ground, firmly set and marked: ¼ on N. and S.Q.F.R. on S. faces.
Set instrument over ¼ corner and continue random line W.
94.32 Witness corner of Secs. 13,18,19,24 brs. N. 27 lks. dist., which is a hollow iron pipe filled with cement, 4 ins. sq. at top, 2 ft. above ground, firmly set and marked
T.4 N.,S. 18 on N.E. face
S.Q.F.R. 37 R. 14 W. S. 19 on S.E. face
R. 15 W. S. 24 on S.W. face
S.13 on N.W. face with 3 notches on N. and 3 notches on S. faces; also a granite stone 8x8x8 ins. above ground, firmly set and marked: W.P. 1.75 chs. on W. face.
This corner is accepted as being 1.75 chs. E. of the true point for corner of Secs. 13,18,19 and 24.
I then return to corner of Secs. 17,18,19,20.
Thence I run
N. 89°33' W. on a true line between Secs. 18 and 19.
Ascend steep E. slope thorugh brush.
0.06 Set iron U.S. Forest Reserve Boundary Post No. 131, 30 ins. in the ground, raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 ins. E. and W. of post, 6 ft. dist., marked
No. 131 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants, also marked
T.4 N.,S. 17 W.C. in N.E. Quadrant
R.14 W. S.20 in S.E. Quadrant
S.19 in S.W. Quadrant
S.18 in N.W. Quadrant with 5 notches on E. and 3 notches on S. faces
2.00 Top of spur bears N. 20° E. and S. 20° W.
Water tank at Lang brs. N.
5.15 Small drain course N.E.
7.75 Small drain course N.E.
9.25 Top of ridge brs. N. and S. Descend S.W. slope
10.89 Old corner of Secs. 17,18,19,20 brs. S. 18 lks.
17.75 Drain course N.W.
19.75 Drain course N.W. Ascend N.E. slope
24.00 Top of spur brs. N. and S.
29.10 Drain course N. Ascend steep E. slope
32.75 Top of ridge brs. N. and S.
37.50 Descend N.W. slope
39.92 ¼ section corner previously described.
Thence I run
N.89°43' W. on a true line
40.50 Descend steep N.W. slope
48.00 Ravine 50 lks. wide, 10 ft. deep, course N.W. Ascend steep N.E. slope.
53.00 Top of ridge brs. N. and S. Descend N.W. slope.
56.25 Drain, course N.
57.55 Top of ridge brs. N. and S.
61.28 Drain course N.
64.00 Top of ridge brs. N. and S.
At this point I set off 4°08' N. on the decl. arc and at 12h 04m 22s p.m.,l.m.t., observe the sun on the meridian. The resulting latitude is 34°25' N., which is about 14" less than the proper latitude.
69.50 Drain course N.W.
74.75 Drain course N.E.

SANTA BARBARA FOREST BOUNDARY
T. 4 N., R. 14 W.

76.40	Ridge brs. N. 20° W. and S. 20° E.
	Descend S.W. slope.
83.00	Enter dry wash, course S.E.
86.50	Top of spur brs. N. and S.
89.50	Drain course N.
90.00	Top of spur brs. N. and S.
92.00	Small drain course N.W.
94.32	Witness corner of Secs. 13, 18, 19 and 24, S.C.F.R. No. 37 previously described.
	Note: From S.C.F.R. No. 37 the mouth of tunnel on S.P.R.R. brs. N. 16° E. 450 ft. dist.
96.07	True point for corner of Secs. 13, 18, 19 and 24.
	Land mountainous.
	Soil 2nd and 4th rate.
	Timber, dense growth of chemise.
	Formation granite.

March 31, 1905

SAN GABRIEL FOREST BOUNDARY

Vol.464:10 - 94 et seq. South Boundary T. 5 N., R. 12 W.

April 1.
At the true point for corner of Secs. 13,18,19 and 24. S.G.F.R.#37
at 8 A.M. l.m.t. I set off 34°25' E. on the lat.arc. and 4°28' N.
on the decl. arc. and determine a meridian with the solar.
Thence I run
S. on a random line between Secs. 19 and 24.
40.30 1/4 Sec. corner bears W. 29 lks. dist. which is an oak post
4" square, 2 ft. long, broken off at the top of the ground.
I reestablish 1/4 Sec. corner at the same point as follows;
Set a granite stone 20x18x8" 15 inches in the ground for 1/4
Sec. corner, marked 1/4 S. on N. face from which
An oak 16 ins. diam. bears N. 14° 30' E. 221 lks. dist.
Set instrument over 1/4 Sec. corner and continue random line S.
80.51 Corner of Secs. 19,24,25 and 30 bears W. 19 lks. dist. which is
an oak post 4" square, 2 ft. above mound of stone 3 ft. base,
1 ft. high, firmly set and marked
T 4 N. S.19 S.G.F.R. on N.E. face
R 14 W. S. 30 on S.E. face
R 15 W. S.25 on S.W. face
S. 24 on N.W. face with 2 notches on S. and
4 notches on N. face from which
An oak 24 in. diam. bears S. 24° W. 349 lks. dist.
I then return to the true point for corner of Secs. 13,18,19 and24.
S.G.F.R. #37
Thence I run
S.0°25' W. on a true line between Secs. 19 and 24
.79 Center of S.P. R.R. track bears N. 36° 41' E. and S. 36°45' W.
.93 Wire fence bears N. 36°45' E.and S. 36°45' W.
2.50 Small drain course W.
4.25 Top of low spur bears E. and W.
6.40 Drain Course W.
11.00 Drain Course N.W. Thence along drain Course from S. to N.W.
16.00 Leave drain. Course from S.W. to N.
17.50 Spur bears E. and W.
19.00 Same drain Course N.W.
20.30 Ascend steep N. slope
23.00 Top of ridge bears N.W. and S.E.
25.50 Change to S.E. slope
26.30 Small drain Course S.W.
28.00 Descend S.E. slope
37.00 Side hill drain Course S.E.
38.00 Enter valley bears W. and N.E. - Leave timber and enter oil field.
40.30 1/4 Sec. corner previously described.
Thence I run
S.00°16' W. on a true line.
Leave valley, bear E. and W. and ascend steep N. slope through
brush
49.70 Wash 20 lks. wide Course W.
58.25 Top of ridge bears E. and W.
Descend over broken S.W. slope
64.00 Enter E. edge of valley
76.00 Leave valley. Ascend gradual N.W. slope
77.50 Top of low spur bears E. and W.
78.90 Wash 50 lks. wide Course N.W.
80.51 Corner of Secs. 19, 24, 25, 30, previously described
Land, mountainous and level
Soil 2nd and 4th rate
Timber dense brush of chemise and oak.

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S. on random line between Secs. 25 and 30.
41.50 1/4 Sec. corner bears W. 24 lks. dist. which is a granite stone 12x8x8ins. in mound of stone 3 ft. base, 2 ft. high firmly set and marked 1/4 on N. and S.G.F.R. on E. faces
Set inset. over 1/4 corner and continue random line S.
82.49 Corner of Secs. 25,30,31 and 36 bears W. 70 lks. dist. which is a sandstone 8x8x4 inches above ground, firmly set and marked S.G.F.R. on E. face with 1 notch on S. and 5 notches on N. faces.
I then return to corner of Secs. 19,24,25 and 30
Thence I run
S.00°19' W. on a true line between Secs. 25 and 30, over level land through live oak brush.
.06 Set iron U.S. Forest Reserve Mdy. Post #132 30inches in ground; raise a mound of earth and stone 4 ft. base, 1 ft. high around post, dig pits 36x36x12 inches in each section 8 ft. dist. marked
N. 132 on S. side of cap
1905 on S. side of cap or rim
Reserve in N.W. and S.W. quadrants also marked
T 4 N. S. 19 W.C. in N.E. quadrant
R. 14 W. S.30 in S.E. quadrant
R. 15 W. S. 25 in S.W. quadrant
S. 24 in N.W. quadrant with 2 notches on S. and 4 notches on N. edges of rim of cap.
8.35 Wash 50 lks. wide Course N.W.
9.50 Dry wash 100 lks. wide Course N.W.
26.25 At this point I set off 4°32' N. on decl. arc. and at 12h 04m P.M. l.m.t. observe the sun on the meridian. The resulting lat. is 34°24' N. which is about 26' less than the prop. latitude.
41.50 1/4 Sec. corner previously described.
Thence I run
S.00°58' W. on a true line
46.50 Leave wash Ascend N. slope
52.50 Top of ridge bears N.W. and E.
54.90 Small drain Course S.W.
56.65 Small drain Course S.W.
59.75 Ridge bears N. 70° E. and S. 70° W.
61.50 Small drain Course S.W.
65.65 Drain Course W.
67.50 Low spur bears E. and W.
71.50 Small drain Course N.W.
74.75 Small drain Course N.W.
76.50 A dry wash 50 lks. wide Course N.W. Ascend N. slope
80.00 Change to gradual N. slope
82.49 Corner of Secs. 25,30,31,36 previously described
Land mountainous
Soil 3rd rate
Timber, dense brush of live oak,chemise
Formation granite and sandstone.

April 1, 1905.

April 3:
At the corner of Secs. 25,30,31 and 36 at 9 A.M. l.m.t. I set off 34°23' N. on lat. arc and 5°15' N. on decl. arc and determine a meridian with the solar
Then I run
S. on a random line between Secs. 31 and 36.

SAN GABRIEL FOREST BOUNDARY

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40.56 W.C. 1/4 Sec. corner bears W. 10 lks. dist. which is a granite stone 6x16x12 ins. above ground firmly set and marked S.G.F.R. 1/4 on W. face. Set inst. over 1/4 W.C. sec. corner and continue random line S.

70.77 Corner of Twps. 3 and 4 N.,R. 14 and 15 W. bears W. 47 lks. dist. which is a hollow iron post filled with cement 4" square at the top, 2 ft. above ground firmly set and marked:

T 4 N. S. 31 on N.E. face
S.G.F.R. No. 36 R. 14 W. S.6 on S.E. face
T 3 N. S 1 on S.W. face
R. 15 W. S. 36 on N.W. face with 6 notches on N.W., S. and E. faces

I then return to corner of Secs. 35,30,31 and 36 West boundary of T. 4 N., R. 14 W.
Thence I run
S. 0°09' W. on a true line between Secs. 31 and 36
Ascend gradual N.W. slope through dense brush

.06 Set Iron U.S. Forest Reserve Bdy. Post #133, 30 ins. in ground raised mound of earth and stone, 4 ft. base, 1 ft. high around post, dig pits 36x36x12 ins. in each sec. 8 ft. dist., marked

No. 133 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.W. and S.W. quadrants also marked
T 4 N. S. 30 W.C. in N.E. quadrant
R 14 W. S. 31 in S.E. quadrant
R 15 W. S. 36 in S.W. quadrant
S. 25 in N.W. quadrant with 1 notch on S. and 5 notches on N. edges of rim of cap.

1.90 Top of ridge bears E. and W. Descend steep S. slope
4.20 Ravine 100 lks. wide, 30 ft. deep, Course W. Ascend
6.07 Top of spur bears E. and S.W.
6.70 Ravine 30 lks. wide, 10 ft. deep, Course S.W.
11.40 Spur bears N.E. and S.W. Descend S.W. slope
14.50 Ravine 50 lks. wide, 10 ft. deep. Course S.W.
19.50 Change to gradual S.W. slope
25.70 Drain Course W.
27.50 Descend steep, rocky S. slope
30.05 Creek 10 lks. wide, 6 inches deep, Course W.
31.00 Steep N. slope
38.16 Top of ridge bears E. and W.
Thence over steep W. slope
40.56 W.C. 1/4 Sec. corner previously described
Thence I run
S. 0°52' W. on a true line
45.20 Rocky ledge 40 ft. high bears E. and W.
49.50 Drain Course W.
50.50 A ravine 50 lks. wide, 20 ft. deep Course N.W.
Ascend steep N.E. slope
61.38 Top of ridge bears E. and W. Descend steep S.W. slope
67.00 Change to steep S. slope
70.77 Corner of T. 3 and 4 N.,R. 14 and 15 W./S.G.F.R.36 previously described

Land mountainous
Soil 3rd and 4th rate
Timber, sycamore and ash along creeks, dense growth of live oak, chemise, ironwood, wild cherry, etc.
Formation - granite.

April 3, 1905.

SAN GABRIEL FOREST BOUNDARY

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April 4:
At the corner of Twps. 3 and 4 N., R. 14 and 15 W. S.G.F.R. No.36 at 10 A.M. l.m.t. I set off 34°22' N. on the lat. arc. and 5°39' W. on the decl. arc. and determine meridian with the solar
Thence I run
S. on a random line between Secs. 1 and 6
39.40 1/4 Sec. N.C. bears E. 24 lks. dist., which is a granite stone 6x14x6 inches firmly set in mound of stone 3 ft. base, 1 1/2 ft. high and witnessed and marked 1/4 S. on W. and S.G.F.R. on E. faces
Set. inst. over 1/4 Sec. N.C. and continue random line S.
85.89 Corner of Secs. 1,6,7 and 12 bears W. 54 lks. dist., which is an oak post 4 ins. square, 1 ft. above mound of stone, 3 ft. base, 1 ft. high firmly set and marked

T 3 N. S. 6 on N.E. face
R. 14 W. S.7 S.G.F.R. on S.E. face
R. 15 W. S.12 on S.W. face
S. 1 on N.W. face with 1 notch on N. and 5 notches on S. faces

I then return to corner of T.3 and 4 N., R. 14 and 15 W. S.G.F.R. #36
Thence I run
S.00° 31' E. on a true line between Secs. 1 and 6, over steep S. slope, through dense brush
2.50 Drain, course S.W.
5.50 Spur bears E. and W.
6.50 Side hill drain Course W.
7.76 Descend steep S.W. slope
11.45 Creek 10 lks. wide. Course W. in Sand Canyon
11.60 Dim road bears N.W. and S.E.
14.00 Leave Sand Canyon. Ascend steep N. slope of mountain
24.00 Top of ridge bears N. 70° W. and S. 70° E.
Descend steep S.W. slope
29.00 Side hill drain Course W.
30.00 Small spur bears E. and W.
33.00 Ravine 50 lks. wide, 20 ft. deep. Course W.
Ascend N.W. slope
36.00 Top of spur bears E. and W.
At this point I set off 5°41E W. on decl. arc and at 12h03m 10s P.M. l.m.t. observe the sun on the meridian. The resulting latitude is 34°22' which is about the proper latitude.
Descend S.W. slope
39.40 1/4 Sec. N.C. previously described.
Thence I run
S.00°40' W. on a true line. Descend steep rocky slope
42.00 Side hill drain Course W. Ascend steep rocky N.W. slope
45.15 Top of spur bears E. and W. Descend S.W. slope
49.00 Ravine 200 lks. wide, 50 ft. deep. Course W.
51.75 Top of spur bears E. and W.
53.00 Ravine 100 lks. wide, 40 ft. deep, course W.
56.25 Top of spur bears E. and W. Descend steep S.W. slope of canyon.
69.89 Top of spur bears N.E. and S.W.
Dim trail, bears N.E. and S.W. Descend steep S. slope
73.00 Creek 10 lks. wide, Course N.W.
83.92 Top of ridge bears N.W. and S.E.
Descend steep S.W. slope
85.89 Corner of Secs. 1,6,7,12 previously described
Land mountainous
Soil 4th rate
Timber, oak, sycamore, dense brush of chemise, manzenita and ironwood.
Formation - granite.

April 4, 1905.

SAN GABRIEL FOREST BOUNDARY

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April 5:
At the true corner of Secs. 1,6,7 and 12 at 9 A.M. l.m.t.
I set off 34°22' N. on the latitude arc and 6°01' N. on the declination arc and determine a meridian with the solar
Thence I run
S. on a random line between Secs. 7 and 12
NOTE: Counting distances from true poine of corners of Secs. 1,6,7 and 12.

4.79 Intersect W.C. of Secs. 1,6,7 and 12, post in mound of stone 3 ins. square, 1½ ft. high marked and witnessed.

39.25 1/4 Sec. corner bears E. 100 lks. dist., which is a granite stone 8x14x6 ins. above ground, firmly set and witnessed and marked 1/4 on W. and S.C.F.R.on E. faces.
Set instrument over 1/4 Sec. corners and continue random line south.

79.90 Corner of Secs. 12 and 13, T.3.N.,R. 15 W., bears E. 169 lks. dist., which is a granite stone 8x10x6 inches above ground firmly set,witnessed and marked.
I then return to true corners of Secs. 1,6,7 and 12.
Thence I run
S.1°28' E. on a true line between Secs. 7 and 12.
Ascend steep N.W. slope through dense brush

.06 Set iron U.S. Forest Reserve Boundary Post No.134, 30 inches in the ground; raise mound of earth and stone 4 ft. base,1 ft. high around post, marked No.134 on S. side of cap.
1905 on South side of cap on rim
RESERVE in N.W. and S.E. quadrants also marked:
T 3 N., S. 6 W.C. in N.E. quadrant
R. 14 W. S. 7 in S.E. quadrant
R. 15 W. S.12 in S.W. quadrant
S. 1 in N.W. quadrant with 1 notch on N. and 5 notches on S. edges of rim of cap.

4.79 W.C. for Secs. 1,6,7 and 12 bears W. 12 lks. dist.
11.38 Top of spur
12.50 Side hill drain course W.
14.26 Descend S.W. slope
20.00 Ravine 100 lks. wide, 30 ft. deep Course N.W.
Ascend steep N. slope
24.88 Top of spur bears N.E. and S.W.
28.00 Ravine 300 lks. side, 100 ft. deep Course N.E.
33.20 Change to gradual N. slope through dense growth of thorn brush 10 feet high
At this point I set off 6° 03' E. on declination arc and at 12h 03m P.M. l.m.t. observe the sun on the meridian. The resulting latitude is 34°24' N., which is about 20" less than the proper latitude.

39.25 ¼ Sec. corner
Thence I run
S. 2°21' E. on a true line
42.70 Small drain Course E. Ascend
44.75 Top of spur bears E. and W.
Descend
46.20 Small drain course S.E.
47.30 Drain Course N.E. Ascend N. slope
53.75 Top of ridge bears E. and W.
Descend steep S.E. slope
56.20 Small drain Course E.
67.25 Descend steep slope into canyon
69.90 Bottom of canyon, course N. 70° E. Ascend steep N. slope through pine and oak timber.

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79.90 Corner of Secs. 12 and 13.

Note: A mound of stone bears S. 86° W. 171 lks. dist.,no other marks.

Land mountainous
Soil 4th rate
Timber. white fir, oak and sweet gum. Dense brush of live oak, chemise and hawthorne.

At the corner of Secs. 12 and 13, T. 3 N.,R. 15 W., at 3 P.M. l.m.t., I set off 6°25' E. on the declination arc and 34°20' N. on the latitude arc and determine a meridian with the solar. Thence I run
South on a random line between Secs. 13 and 18.

3.30 Corner of Secs. 7 and 18, T. 3 N., R. 14 W., bears E. 21 lks. dist., which is a granite stone 6x6x6 inches above ground, firmly set, witnessed and marked.

38.00 Set temporary W.C. 1/4 Sec., after making careful search for 1/4 corner. True point for 1/4 corner falls on slide rock. Continue random line south.

80.00 Find no trace of corner of Secs. 13,18,19 and 24. Continue random line south.

96.34 W.C. of Secs. 13,18,19 and 24 bears E. 241 lks. dist., which is a hollow iron post filled with cement 4 in. square at the top, 2 ft. above above mound of stone firmly set and marked
T 3 N. S. 18 on N.E. face
S.G.F.R. 35 R. 14 W. S 19 on S.E. face
R 15 W. S. 24 on S.W. face
S. 13 on N.W. face with 3 notches on N. and 3 notches on S. faces.

Note: This corner sets on bench about 20 ft. above creek and on the north wall of Pacoima Canyon. I paint Santa Barbara Forest Reserve and San Gabriel Forest Reserve in large letters on north wall of canyon near bdy. post No.35 S.G.F.R.; I then return to corner of Secs. 12 and 13.

Thence I run
S. 1°26' E. on a true line between Secs. 13 and 18, through dense brush.

.06 Set iron U.S. Forest Reserve Bdy. Post No.135, 30 inches in the ground; raised a mound of stone, 5 ft. base, 1 ft. high and post marked
No.135 on S. side of cap
1905 on S. side of cap on rim
Reserve in N.W. and S.W. Quadrants, also marked
W.C. in N.E. Quadrant
T. 3 N., S. 13 in S.W. Quadrant
R. 15 W. S. 12 in N.W. Quadrant with 2 notches on N. and 4 notches on S. edges of rim.

2.80 Descend steep S. slope

3.30 Corner of Secs. 7 and 18, T. 3 N., R. 14 W. bears W. 8 lks. dist.,

April 5,1905.

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April 6.

10.00 At this point at 10 A.M. l.m.t. I set off 34°20' N. on lat. arc. and 6°24' N. on the decl. arc and determine a meridian with the solar.

23.00 Ravine 300 lks. wide, 50 ft. deep. Course S.E.
Ascend gradual N.E. slope

26.20 Change to steep E. slope

27.68 Top of spur bears E. and W. Descend steep S.E. slope

29.48 Drain. Course E. Ascend steep N.E. slope

32.68 Change to gradual N.E. slope

38.00 Top of ridge bears E. and W. Descend steep S.E. slope

38.00 Set a granite stone 24x20x16 inches, 16 inches in the ground for 1/4 Sec. corner marked 1/4 W.C. on W. face and raised a mound of stone around corner, 2 ft. base, 1/2 ft. high; also raised a mound of stone 3 ft. base, west of corner.

Note: True point of 1/4 corner falls on slide rock.

April 6, 1905.

April 11.
At the W.C. 1/4 corner at 1 P.M. l.m.t. I set off 34°20' N. on lat. arc and 8°19' N. on the decl. arc and determine a meridian with the solar.
Continue random line south.

44.00 Ravine 100 lks. wide, 20 ft. deep. Course S.E.

50.37 Drain Course E. Ascend steep N. slope of mountain.

80.00 True point falls on steep rocky slope of mountain, not suitable place for corner

83.00 Top of mountain. Descend steep S.E. slope into Pacoima Canyon

96.34 W.C. of Secs. 13,18,19,24 previously described, 1000 ft. descent.
Land mountainous
Soil 4th rate
Timber, live oaks, and alder in drains; dense chemise and oak brush.
Formation - granite.

April 11,1905.

April 14.
At the W.C. of Secs. 13,18,19,24 S.G.F.R. No.35 at 9 A.M. l.m.t. I set off 34°20' N. on lat. arc. and 9°20' N. on the decl. arc and determine a meridian with the solar.
Thence I run
S. on a random line between Secs. 19 and 24

Note: Counting all distances from the true point for corner of Secs. 13,18,19 and 24.

16.40 Creek of the Pacoima Canyon Course W.

Note: On account of perpendicular walls opposite, I offset 350 lks. east. Thence ascend steep S. slope of Pacoima Canyon.

22.26 Offset W. 350 lks to random line.

51.30 W.C. 1/4 Sec. corner bears E. 245 lks. dist., which is a granite stone 12x14x15 inches above ground firmly set and marked:

1/4 W.C. on W. and S.G.F.R. on E. faces
Set instrument over corner and continue random line South.
86.74 Corner of Secs. 19,24,25,30 bears E. 200 lks. dist., which is a granite stone 8x8x8 inches above ground, firmly set and marked S.G.F.R. on E. faces.
2 notches on S. and 4 notches on N. faces.
I then return to W.C. corner of Secs. 13,18,19,24
Thence I run
S. 4°05' E. on a true line between the two W.C. Secs. 19 and 24
16.54 Creek of Pacoima Canyon. Course N.
I offset N. 87°16' E.
22.26 Ascend steep S. slope of canyon.
I offset S. 87°16' W. to true line.
22.26 Thence along ridge of mountain.
25.18 Change to steep N.W. slope
33.20 Top of rock ledge bears E. and W.
Then over steep broken W. slope.
51.30 1/4 Sec. W.C. previously described.
Top of ridge bears E. and W.
Thence I run
S. 3°14' E. on a true line. Descend S. slope.
61.90 Ravine, 100 lks. wide, 20 ft. deep, course W.
Ascend steep N. slope
67.20 Top of ridge bears E. and W.
73.26 Descend steep S.W. slope
75.26 Drain Course S.W.
80.00 Drain Course S.W.
84.00 Drain Course S.W.
86.74 Corner of Secs. 19,24,25 and 30 previously described.

Land mountainous
Soil 4th rate
Timber, white fir, sycamore and alder, above Pacoima Canyon dense growth of chemise brush.
Formation - granite.

S. on a random line between Secs. 25 and 30.
40.64 1/4 Sec. corner bears W. 32 lks. dist., which is a granite stone 8x6x6 inches above ground, firmly set and marked 1/4 on W. and S.G.F.R. on E. faces
Set instrument over 1/4 Sec. corner and continue random south.
79.18 Corner of Secs. 25,30,31 and 36 bears W. 59 lks. dist., which is a granite stone 6x6x6 inches above ground, firmly set and marked
S.G.F.R. on E. face and 1 notch on S. and 5 notches on N. faces.
I then return to corner of Secs. 19,24,25 and 30.
Thence I run
S.00°27' W. on true line between Secs. 25 and 30.
Ascend N.W. slope through dense brush.
.06 Set iron U.S. Forest Reserve Bdy. Post #136 30 inches in ground; raised mound of earth and stone, 5 ft. base, 1 ft. high, around post marked
No. 136 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.W. and S.W. Quadrants also marked
T.3 N., R. 14 W. S.19 W.C. in N.E. Quadrant
S.30 in S.E. Quadrant
R. 15 W. S.25 in S.W. Quadrant
S.24 in N.W. Quadrant with 2 notches on S. and 4 notches on N. edges of rim of cap.

.95	Drain Course N.W.
2.70	Trail bears N.W. and S.E.
3.00	Top of ascent. Thence over gradual S.W. slope.
6.50	Small drain Course S.W.
12.00	Dry wash 50 lks. wide. Course S. 70° W. Ascend steep N.W. slope
13.35	Change to W. slope
17.35	At this point I set off 9°23' N. on the decl. arc and at 12h Noon l.m.t., observe sun on the meridian. The resulting latitude is 34°19' N. which is about proper latitude.
17.50	Descend steep S. slope
20.00	Road bears N.E. and S.W.
21.55	Road bears E. and W.
30.25	Drain Course S.W. Ascend steep N.W. slope
34.50	Top of ridge bears E. and W.
38.50	Descend steep S. slope
40.64	1/4 Sec. corner previously described
	Thence I run
	S. 00°51' W. on true line
40.90	Small drain Course S.W.
45.50	Ascend N. slope
49.05	Change to W. slope
53.15	Drain, course S.W. Ascend S. slope
55.05	Top of ridge bears N. 70° E. and S. 70° W.
60.00	Drain Course S.W.
68.00	Change to S.E. slope
79.18	Corner of Secs. 25,30,31,36 previously described
	Land, valley and mountainous
	Soil, 3rd rate
	Timber, dense chemise brush

April 14,1905

WEST BOUNDARY T. 3 N., R. 14 W.

April 15:
At the corner of Secs. 25, 30, 31 and 36 at 8:00 A.M. l.m.t. I set off 34°18' N. on the lat. arc and 9°42' N. on the decl. arc and determine a meridian with the solar.
Thence I run
S. on random line between Secs. 31 and 36.

40.35 ¼ section corner bears W. 24 lks. dist., which is a granite stone 8x8x6 ins. above ground, firmly set and marked: ¼ on W. and S.G.F.R. on E. faces.
Set instrument over ¼ section corner and continue random line S.

81.03 Witness corner of T. 2 and 3 N., R. 14 and 15 W. brs. W. 460 lks. dist., which is a hollow iron pipe filled with cement, 4 ins. sq. at the top, 2 ft. above ground, firmly set, marked and witnessed, marked

T. 3 N. S. 31 on N.E. face
R. 14 W. S. 6 S.G.F.R. 34 on S.E. face
T. 2 N. S. 1 on S.W. face
R. 15 W. S. 36 on N.W. face with 6 notches on N., S., E. and W. faces respectively.

A granite stone 10x10x10 ins. above ground firmly set and marked: W.C. on W. face, and witnessed, sets along the W. side of iron post.

Note: This corner is received as being 2.40 chs. W. of the true point for Corner T. 2 and 3 N., R. 14 and 15 W. The falling would be 2.20 chs. E. of true point

I then return to corner of Secs. 25, 30, 31 and 36.
Thence I run
S. 00°21' W. on a true line between Secs. 31 and 36.
Ascend N. slope through dense brush.

0.06 Set iron U.S.Forest Reserve Boundary Post No. 137, 30 ins. in the ground; raised mound of earth and stone, 6 ft. base, 1 ft. high around post, marked:
No. 137 on S. side of cap
1905 on S. side of cap on rim
RESERVE IN N.W. and S.W. Quadrants, also marked
T. 3 N., S. 30 W. C. in N.E. Quadrant
R. 14 W. S. 31 in S.E. Quadrant
R. 15 W. S. 36 in S.W. Quadrant
S. 25 in N.W. Quadrant with 1 notch on S. and 5 notches on N. edges of rim of cap.

1.00 Top of ridge brs. N. 20° E. and S. 20° W.
3.50 Slide, course E.
8.50 Drain, course S.E.
11.50 Drain, course E.
16.00 Descend S.E. slope.
21.50 Drain, course S.W. Ascend N.W. slope.
25.00 Top of spur brs. E. and W.
27.35 Rob Perry's house brs. W. 52 lks.
28.15 Wirefence brs. E. and W.
28.50 Wash 50 lks. wide, course S.W.
30.00 Private road brs. N.E. and S.W.
31.25 Ascend N.W. slope.
32.75 Top of spur brs. E. and W.
33.52 Wire fence brs. E. and W.
38.00 Top of ridge brs. N.E. and S.W.
40.35 ¼ section corner previously described.
Thence I run
S. 3°05' W. on a true line over S. slope through dense brush.
44.50 Drain, course S.E.
46.75 Drain, course S.E.
48.50 Top of spur brs. E. and W. Descend gradual S. slope.
52.00 Change to steep S. slope.
56.55 A dry creek 50 lks. wide, course S. 30° W.
60.75 Drain, course W. Ascend steep N. slope.
60.95 Trail brs. S.W. and N.E.
64.60 Top of spur brs. E. and W.
66.00 Drain, course W.
69.45 Top of spur brs. E. and W. Descend steep slide bank.
72.00 Ascend steep N.W. slope over slide.
77.70 Top of ridge brs. E. and W. Descend steep S.E. slope.
81.03 True point for corner T. 2 and 3 N., R. 14 and 15 W. S.G.F.R. No. 34.
Land mountainous.
Soil 3rd rate.
Timber, sycamore, live oak along creeks, dense growth of chemise etc.
Formation sandstone.

WEST BOUNDARY T. 2 N., R. 14 W.

At the true point for corner of T. 2 and 3 N., R. 14 and 15 W. boundary post No. 34 S.G.F.R., I set off 9°45' N. on decl. arc and at 12h 00m 09s P.M. l.m.t. observe the sun on the meridian. The resulting latitude is 34°17' N., which is 27" less than the proper latitude.

Thence I run
S. 5°11' E. on a random line between Secs. 1 and 6.
35.46 Intersect closing corner to Secs. 1 and 6 on the Ex Mission San Fernando Rancho, which is a pine post, 4 ins. sq., 1 ft. above ground, firmly set and marked
C. C. S. 6 on N. face
S. C. on S. face
T. 2 N., R. 15 W. on S.W. face
R. 14 W. S. 6 on N.E. face
S. 1 on S.E. face
I then return to true point for corner T. 2 and 3 N., R. 14 and 15 W. S.C.F.R. No. 34.
Thence I run
S. 5°11' E. on a true line between Secs. 1 and 6.
Ascend N. slope of mountain.
3.00 Summit of mountain brs. E. and W.
10.70 Side hill drain brs. E.
13.00 Top of spur brs. E. and W. Descend.
13.13 Ascend N.E. slope of peak.
23.25 Descend steep S.E. slope of peak.
25.13 Thence over gradual S. slope.
35.40 Set iron U. S. Forest Reserve Boundary Post No. 138, 30 ins. in the ground, raised mound of earth and stone, 4 ft. base, 1 ft. high around post, marked
No. 138 on E. side of cap
1905 on S. side of cap on rim
RESERVE in N.W. Quadrant, also marked
C. C. on E. side of cap
T. 2 N., R. 14 W. S. 6 W. C. in N.E. Quadrant
R. 15 W. S. 1 in N.W. Quadrant
S. C. on S. side of cap on rim
35.46 C. C. of Secs. 1 and 6 on Ex Mission San Fernando Rancho line, previously described.
Land mountainous.
Soil 3rd rate.
Timber, dense brush.

N. BOUNDARY EX MISSION SAN FERNANDO RO.

S. 82°00' W. on a random line along N. boundary Ex Mission San Fernando Rancho.
45.69 Corner No. 7 of Ex Mission San Fernando Rancho brs. N. 8°00' W. 55 lks. dist., which is a granite stone 8x14x6 ins. above ground, firmly set and marked: S.F. No. 7 on W. face.
I then return to the closing corner of Secs. 1 and 6.
Thence I run
S. 82°41' W. on a true line over gradual S. slope.
23.00 Enter level land.
43.50 Lopas Wash, course S. 70° W.
45.69 Corner No. 7 Ex Mission San Fernando Rancho, previously described.
Thence I run
N. 41°00' W. on a random line to Corner No. 8.
22.48 Corner No. 8 of Ex Mission San Fernando Rancho, brs. N. 49°00' E. 9 lks. dist., which is a granite stone 6x8x6 ins. above ground, firmly set and marked: S. F. No. 8 on W. face.
I then return to Corner No. 7.
Then I run
N. 40°46' W. on a true line
.06 Set iron United States Forest Reserve Boundary Post No. 139, 30 ins. in the ground, raised mound of earth and stone, 3 ft. base,

SAN GABRIEL FOREST BOUNDARY

N.BOUNDARY EX MISSION SAN FERNANDO RO.

1 ft. high around post, marked
No. 139 on S. side of cap
1905 on S. side of cap on rim
W.C. in N.E. Quadrant
RESERVE in N.E. and N.W. Quadrants
S.F. No. 7 on S.W. rim of cap.
Thence over level land through sage brush.
6.00 Drain, course S.W.
8.65 Road brs. E. and W.
13.75 Drain, course S.W.
22.48 Corner No. 8 of Ex Mission San Fernando Rancho, previously described.
Thence I run
N. 20°00' W. on a random line to Corner No. 9
12.01 Intersect Corner No. 9 of the Ex Mission San Fernando Rancho, which is a pine post, 4 ins. sq., even with top of ground, and witnessed by mound of stone, 2 ft. base, 1 ft. high N. of post.
I then return to Corner No. 8 Ex Mission San Fernando Rancho.
Then I run
N. 20°00' W. on a true line
.06 Set iron U.S. Forest Reserve Boundary Post No. 140, 30 ins. in the ground; raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 18x18x12 ins. E. and W. of post, 8 ft. dist., marked
No. 140 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and S.E. Quadrants
S.F. No.8 on S.W. rim of cap
W.C. in N.E. Quadrant
12.01 Corner No.9 Ex Mission San Fernando Rancho, previously described.
Land level
Soil 2nd and 3rd rate.

Thence I run
N. 3°00'W on a random line to Corner No. 10 Ex Mission San Fernando Rancho.
53.50 Corner No. 10 Ex Mission San Fernando Rancho brs. N. 87°00' E. 27 lks. dist., which is a granite stone 6x6x5 ins. above ground, firmly set and marked: S.F. No. 10 on S.W. face.
I then return to Corner No.9 Ex Mission San Fernando Rancho.
Thence I run
N. 2°43' W. on a true line over level land, through sage brush.
.06 Set iron U.S. Forest Reserve Boundary Post No.141, 30 ins. in the ground, raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 ins. E. and W. of post, 8 ft. dist., marked
No. 141 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and S.E. Quadrants
W.C. in N.E. Quadrant
S. F. No.9 on S.W. rim of cap.
8.50 A deserted house brs. E. 200 lks. dist.
12.00 Road brs. S. 20° W. to N. 10° E.
36.50 Enter road brs. N. and S.
53.04 East end of dam brs. N.W. and S.E.
53.50 Corner No.10 Ex Mission San Fernando Rancho previously described.
Land level.
Soil 2nd and 3rd rate
Timber, some sage brush.

April 15, 1905.

April 17:
At Corner No. 10 Ex Mission San Fernando Rancho at 6:00 A.M. l.m.t., I set off 34°15' N. on the lat. arc and 10°24' N. on the decl. arc and determine a meridian with the solar.
Thence I run
N. 50°00' E. on a random line to Corner No. 11 Ex Mission San Fernando Rancho.

6.00 Intersect Corner No. 11 Ex Mission San Fernando Rancho, which is a granite stone 6x6x8 ins. above ground firmly set and marked: S. F. No. 11.
I then return to Corner No. 10.
Thence I run
N. 50°00' E. on a true line.

.06 Set Iron U. S. Forest Reserve Boundary Post No. 142, 30 ins. in the ground, raised mound of earth and stone, 4 ft. base, 1 ft. high around post, marked
No. 142 on S. side of cap
1905 on S. side of cap on rim
RESERVE on E. half of cap
W. C. in N.E. Quadrant
S. F. No. 10 on W. side of rim on cap

6.00 Corner No. 11 Ex Mission San Fernando Rancho previously described
Land level.
Soil 3rd rate.
Timber, some brush.

Thence I run
N. 16°30' E. on a random line to Corner No. 12.

105.34 Corner No. 12 Ex Mission San Fernando Rancho brs. S. 73°30' E. 60 lks. dist., which is an oak post, 4 ins. sq., set in mound of stone, 4 ft. base, 2 ft. high, marked: S. F. No. 12.
I then return to Corner No. 11.
Thence I run
N. 16°30' E. on a true line over level land, through brush.

5.20 Dim wagon road.
13.20 Leave wagon road, course N. 30° E.
40.60 Same road brs. N. 10° W. and S. 10° E.
41.00 Small drain, course N.W. Ascend gradual S.W. slope.
42.50 Small drain, course S.W.
50.00 Drain, course W.
56.50 Ravine 30 lks. wide, 10 ft. deep, course W.
60.90 Small drain, course W.
65.50 Drain, course W.
66.50 Drain, course S.W.
77.00 Drain, course S.W.
101.00 Thirty foot descent.

105.28 Set Iron U. S. Forest Reserve Boundary Post No. 143, 18 ins. in the ground, raised mound of stone, 7 ft. base, 2 ft. high around post marked:
No. 143 on S. side of cap
1905 on S. side of cap on rim
RESERVE in S.E., N.E. and N.W. Quadrants
W. C. in N.E. Quadrant
S. F. No. 12 in S.W. Quadrant

105.34 Corner No. 12 Ex Mission San Fernando Rancho.
Land level and rolling.
Soil 3rd rate.
Timber, chemise, brush.

Thence I run
N. 66°00' W. on a random line to Corner No. 13.
79.53 Corner No. 13 Ex Mission San Fernando Rancho brs. S. 24° W. 9 lks. dist., which is a granite stone 6x10x6 ins. above ground, firmly set and marked: S. F. No. 13 on S. face.
I then return to Corner No. 12.
Thence I run
N. 66°04' W. on a true line through brush along edge of wash.
4.70 Bank of Pacoima Creek 20 ft. high brs. N. 20° E. and S. 20° W.
5.25 Pacoima Creek, 20 lks. wide, 6 ins. deep, course S. 20° W.
Thence over wash of canyon.
15.00 Leave wash, course S. 20° W.
15.55 Wagon road brs. N. 20° E. and S. 20° W.
15.78 Set Iron U. S. Forest Reserve Boundary Post No. 144, 30 ins. in the ground, raised mound of earth and stone, 4 ft. base, 1 ft. high around post, marked
No. 144 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and S.E. Quadrants
S. F. on S. side of cap on rim
16.50 W. bank of Pacoima Canyon, 10 ft. high.
Thence over nearly level land through brush.
18.30 Telephone line brs. N.E. and S.W.
21.13 Dim road brs. N. and S.
22.00 Drain, course S.
26.90 Drain, course S.
35.00 Deserted house brs. N. 350 lks. dist. Ascend gradual S. E slope.
46.00 Ravine 50 lks. wide, 10 ft. deep, course S.E.
47.00 Drain, course S.E.
48.75 Drain, course S.E.
51.80 Wire fence brs. N. and S. Enter cultivated field.
69.70 Wire fence brs. N. 20° E. Enter lane, brs. N. 20° E.
At this point I set off 10°28' N. on decl. arc and at 11h 59m 41s A.M. l.m.t., observe the sun on the meridian. The resulting lat. is 34°19' N., which is about the proper latitude.
70.41 Leave lane, wire fence brs. N. 20° W. and S. 20° E.
73.25 Drain, course S.W.
75.80 Drain, course S.W.
79.53 Corner No. 13 Ex Mission San Fernando Rancho previously described.
Land level, rolling.
Soil 1st and 3rd rate.
Timber, chemise and other brush.

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Thence I run
S. 86°00' W. on a random line to Corner No. 14 Ex Mission San Fernando Rancho.
58.50 Find no trace of closing corner of Secs. 22 and 23, T. 3 N., R. 15 W.
276.75 At Corner No. 14 Ex Mission San Fernando Rancho brs. N. 4°00' W. 13 lks. dist., which is a pine post, 3 ins. sq., 6 ins. above ground, badly decayed.
Set a sandstone 16x8x6 ins., 12 ins. above ground, marked: S. F. No. 14 on S. face, in place of old corner.
I then return to Corner No. 13.
Thence I run
S. 85°58' W. over gradual S. slope through sage brush.
.06 Set Iron U. S. Forest Reserve Boundary Post No. 145, 30 ins. in the ground, raised mound of earth and stone, 4 ft. base, 1 ft. high around post and dig pits 36x36x12 ins. E. and W. of post, 8 ft. dist., marked
No. 145 on S. side of cap
1905 on S. side of cap on rim
RESERVE ON N.W. part of cap

W.C. in N.E. Quadrant
S. F. No. 13 on S. side of cap on rim

1.05 Drain, course S.W.
2.75 Drain, course S.W.
12.10 Drain, course S.W.
16.22 Ravine 100 lks. wide, 20 ft. deep, course S.W.
30.55 Enter drain, course from N.E. to W.
32.50 Leave drain, course S.W.
34.25 Drain, course S.W.
37.35 Drain, course S.
38.10 Drain, course S.
58.50 Set Iron U. S. Forest Reserve Boundary Post No. 146, 30 ins. in the ground, raised mound of earth, 3 ft. base, 1 ft. high, around post, dig pits 36x36x12 in. each side of post on line, 8 ft. dist., marked
No. 146 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.W. and N.E. Quadrants
S. F. on S. side of cap on rim
112.50 Wash 20 lks. wide, course S.E. Thence over level land.
129.00 N.E. corner of olive orchard.
Set Iron U. S. Forest Reserve Boundary Post No. 147, 30 ins. in the ground, raised mound of earth, 3 ft. base, 1 ft. high around post, marked
No. 147 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants
S. F. on S. side of cap on rim
Thence along N. side of olive orchard along dim road.
145.25 Old road from N.
160.00 Top of low ridge brs. N. and S.
180.00 House brs. S. 200 lks. dist.
200.00 Set Iron U. S. Forest Reserve Boundary Post No. 148, 36 ins. in the ground, marked
No. 148 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. Quadrants
S. F. on S. side of cap on rim
227.75 N.W. corner of olive orchard.
232.00 Kern River Power Co. line brs. N. 46° W. and S. 46° E. Leave road brs. from N. 86°35' E. to S.W. Ascend gradual S.E. slope through sage brush.
240.50 Enter dim road brs. N. 86°30' E.
250.70 Drain, course S.
257.00 Change to gradual S.W. slope. Enter grove of eucalyptus trees.
276.75 Corner No. 14 Ex Mission San Fernando Rancho previously described. Land level.

April 17, 1905

April 18:
At Corner No. 14 Ex Mission San Fernando Rancho at 9:00 A.M. l.m.t., I set off 34°19' N. on lat. arc and determine a meridian with the solar.
Thence I run
N. 54°30' W. on a random line.
131.40 Corner No. 15 Ex Mission San Fernando Rancho brs. N. 35°30' E. 145 lks. dist., which is an oak post, 3 ins. sq., set in mound of stone and marked: S. F. No. 15 on S. face.
Set a granite stone 6x8x20 ins., 15 ins. in the ground alongside of post marked: S. F. No. 15 on S. face.
I then return to Corner No. 14.

Thence I run
N. 53°52' W. on a true line over gradual S.W. slope through sage brush.

.06 Set Iron U. S. Forest Reserve Boundary Post No. 149, 36 ins. in the ground, raised mound of earth, 3 ft. base, 1 ft. high, around post, marked
No. 149 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. and N.W. quadrants
U. C. in N.E. quadrant
S. F. No. 14 on S. side of cap on rim

9.85 Top of spur brs. S.W. and N.E. Also dim road brs. S.W. and N.E.
12.00 Drain, course S.W.
22.00 Drain, course S.W.
25.00 Top of ridge brs. S.W. and N.E.
27.50 Drain, course W.
30.30 Top of spur brs. E. and W.
40.00 Kern River Power Co's Line brs. N. 64°30' W. and S. 64°30' E.
42.45 Top of spur brs. E. and W.
43.45 Kern River Power Co's line. Thence along valley.
48.48 Set Iron U. S. Forest Reserve Boundary Post No. 150, 30 ins. in ground; raised mound of earth and stone, 5 ft. base, 1 ft. high, around post, marked
No. 150 on S. side of cap
1905 on S. side of cap on rim
RESERVE in N.E. Quadrant
S. F. on S.W. side of cap on rim

48.51 Leave Kern River Power Co's line brs. from S.54° E. to N. 73°30'W.
53.70 Wire fence brs. E. and W., leave valley. Ascend steep S.W. slope.
56.73 Top of spur, brs. E. and W.
58.73 Drain, course S.W. Ascend steep S.E. slope.
64.31 Top of spur brs. N.E. and S.W. Descend steep N.W. slope.
68.90 Creek 5 lks. wide, course S.W.
69.00 Kern River Power Co's line brs. N. 10° E. and S. 10° W. Ascend steep broken S.E. slope.
80.59 Top of ridge brs. N.E. and S.W. Descend steep N.W. slope.
88.77 Drain, course S.W. Ascend steep S.E. slope.
107.80 Top of ridge brs. N.E. and S.W. Descend steep N.W. slope.
114.62 Spur brs. E. and W. Enter oak timber.
131.40 Corner No. 15 Ex Mission San Fernando Rancho previously described.

Land mountainous.
Soil 2nd and 4th rate.
Timber, some oak, sage brush.

April 19, 1905

Con't in C.S.9389