

Indicates Field Notes by Lewis H. Cutting 1896
 " Boundary Angelus National Forest

	R.15W.						R.14W.						R.13W.						R.12W.					
T.5N.	6	5	4	3	2	1	6	5	4	3	2	1	6	5	4	3	2	1	6	5	4	3	2	1
T.6N.	7	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12
T.7N.	18	17	16	15	14	13	18	17	16	15	14	13	18	17	16	15	14	13	18	17	16	15	14	13
T.8N.	19	20	21	22	23	24	19	20	21	22	23	24	19	20	21	22	23	24	19	20	21	22	23	24
T.9N.	30	29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25
T.10N.	31	32	33	34	35	36	31	32	33	34	35	36	31	32	33	34	35	36	31	32	33	34	35	36

BUREAU OF
 ANGELUS NATIONAL FOREST BOUNDARY
 IN THE N1/2, THE N1/4,
 THE N1/2, AND THE N1/4,
 COPIED FROM CERTIFIED NOTES
 FURNISHED BY THE PUBLIC SURVEY OFFICE,
 SAN FRANCISCO, CALIF.

DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

PUBLIC SURVEY OFFICE
SAN FRANCISCO, CALIFORNIA

I, FRANK K. BARKER, Office Cadastre Engineer, do hereby certify that the annexed transcript of field notes of survey by Lewis H. Cutting, 1896, of the San Gabriel Forest Reservation, along the easterly and the southerly boundaries of Township 5 North, Range 12 West. Along the east line of north half of Township 4 North, Range 13 West, westerly through the middle of Township 4 North, Ranges 13 and 14 West, including several section lines run northerly from the forest boundary in Township 4 North, Ranges 13 and 14 West, and southerly along the west boundaries of Township 4 North, Range 14 West and Township 3 North, Range 14 West, of the San Bernardino Meridian, is a true and literal exemplification of said field notes which remain on file and of record in this office.

(8)

Frank K. Barker

August 8, 1928.

Office Cadastre Engineer

for California.

Boundary Line of San Gabriel Forest Reservation.

Along N. Bdy. T. 2N. R. 14 W. S. B. M.

From the true point for $\frac{1}{4}$ section corner, 1.35 chains east of witness corner, I run

west on a random line between sections 6 and 31.

46.77 To a point 3 links north of old witness corner to townships 2

and 3 north, ranges 14 and 15 west, where I found a stone mound but no other trace of corner.

To reestablish same and to mark corner No. 34 on Reservation

boundary, I set a square, hollow, iron post, 3 feet long, with sides 4 inches wide at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground marked

S. Q. T. R. 34, T. 3 N. S. 31 on northeast,

R. 14 W. S. 6 on southeast,

T. 2 N. S. 1 on southwest and

T. 15 N. S. 36 on northwest faces; and

rebuild a stone mound, 1 foot high, 5 feet base around post.

It is impracticable.

Alongside which I set a post, 3 feet long, 3 inches square,

24 inches in the ground, marked W. O. on east face; and raised a stone mound, 2 feet base, 1 1/2 feet high around post.

It is impracticable.

Along W. B. T. 3 N. R. 14 W. S. B. M.

September 23: at 7h. 00m. A.M., 1.m.t. I set off 3/4 18' north on the lat arc; 0° 22' south on the decl. arc; and determine a true meridian with the solar at the true point for corner to townships 2 and 3 north, ranges 14 and 15 west.

From the true point for corner to Tps. 2 and 3 north, Rs. 14 and 15 west, which is 2.40 chains east of witness corner as previously described, I run north on a random line, on west

boundary of township.

Boundary Line of San Gabriel Forest Reservation

Along W. Bdy. T. 3 N. R. 14 W. S. B. M.

After diligent search, being unable to find any trace of old corners along line, I return to above township corner, run north, and set temporary corners at every 40 and 80 chains, and at 5 miles, 9.25 chains arrive at a point 120 links east of old corner to sections 1, 6, 7 and 12, which is a granite stone, 6x10 inches, above the ground, marked as described by the Surveyor General, the stumps only of the bearing trees remaining.

Thence I run

South 0°10' east on a true line between sections 7 and 12.

Ascend.

4.50 Top of spur, 100 feet above section corner, bears east and west.

Descend.

9.00 Gulch, 6 links wide, 200 feet below top of spur, course west.

Ascend.

15.00 Top of spur, 275 feet above gulch, bears east and west.

Descend.

21.50 Gulch, 10 links wide, 300 feet below top of spur, course northwest.

Ascend.

40.96½ Set a granite stone, 12x10x6 inches, 12 inches in the ground, for

quarter section corner, marked ¼ on west face, S.G.F.R. on east

face, and raised a mound of stone, 1½ feet high, 2 feet base west

of corner.

Pls impracticable.

41.50 Top of divide between Soledad and San Fernando valleys, 1000 feet

above last gulch, bears east and west.

Descend.

51.25 Gulch, 15 links wide, 100 feet below top of divide, course east,

continue descent.

70.00 Enter pine timber, bears east and west.

Boundary line of the San Gabriel Forest Reservation.
Along N. Bdy. T. 3 N., R. 14 W., S. 8 N.

- 70.50 Ravine, 20 links wide, 100 feet deep, course east. Ascend.
- 76.00 Leave pine timber, bears east and west. Set a granite stone, 20x12x9 inches, 15 inches in the ground for corner to sections 7, 12, 13 and 18, marked with 4 notches on south and 2 notches on north edges, and S.G.F.R. on east face; from which bears
- A live oak 5 inches dia. south 97 $\frac{1}{2}$ ° east, 33 links distant, marked S.G.F.R. T. 3 N., R. 14 W., S. 18 N.T.
- A live oak 6 inches dia. south 50° west, 14 links distant, marked S.G.F.R. T. 3 N., R. 15 W., S. 13 N.T.
- No other trees within limits; raised a stone mound, 1 $\frac{1}{2}$ feet high 3 $\frac{1}{2}$ feet base, west of corner. Pits impracticable. Land, mountainous. Soil, third rate. Timber of pine and oak. Dense undergrowth of chaparral. Mountainous land, 80.00 chains.
-
- South 0-10' east on a true line between sections 13 and 18. Ascend.
- 4.50 Summit of mountain, 900 feet above last ravine, bears east and west and over same.
- 40.96 $\frac{1}{2}$ True point for quarter section corner, falling in steep wash, on mountain side, not a suitable place to mark, I continue south 0-10' east and at
- 69.00 Set a granite stone 20x17x12 inches, 15 inches in the ground for witness corner to quarter section corner, marked W.O.F. on west face; and raised a stone mound, 1 $\frac{1}{2}$ feet high, 3 $\frac{1}{2}$ feet base, west of corner. Pits impracticable. Stone also marked S.G.F.R. on east face. Descend.

W. Bay, T. 3 N., R. 14 W., S. B. M.

81.93 Set a granite stone, 22x14x6 inches, 12 inches in the ground, for corner to sections 13, 18, 19 and 24, marked S.G.F.R. on east face, with 3 notches on north and south edges; and raised a mound of stone 2 feet high, 4 1/2 feet base, west of corner.

Pls impracticable.

It being impossible to set iron post, No. 35 at this point I set it

further south.

Land, mountainous.

Soil, third rate.

No timber.

Dense undergrowth of chaparral.

Mountainous land, 50.00 chains.

September 23, 1896.

September 24th; at 7h. 00m. A.M., 1 m.t. I set off 3/4 20' north

on the lat. arc; 0°46' south on the decl. arc, and determine a

true meridian with the solar at the corner to sections 13, 18, 19

and 24, just set by me. South 0°10' east on a true line between

sections 19 and 24.

Descend.

13.00 Center of Popoama Canon, stream in same, 10 links wide, 900 feet

below summit of mountain, course west. Ascend.

14.00 Set a square, hollow iron post, filled with cement, etc. 3 feet

long, the sides 4 inches wide, at the top, increasing to 12

inches wide at the bottom, 12 inches in the ground, for witness-

corner to corner 35, on boundary of San Gabriel Forest Reserva-

tion, marked

T. 3 N., S. 18 on northeast,

S.G.F.R. 35, R. 14 W. S. 19 on southeast;

R. 15 W., S. 24 on southwest and

S. 13 on northwest faces;

and raised a mound of stone 1 1/2 feet high, 5 feet base around

post.

fits impracticable.

Alongside post, set a granite stone 21x17x11 inches in the ground, marked W.C. 14.00 chains on north face.

37.30

The true point for quarter section corner, falling on precipitous slide, not a suitable place to mark, at this point, which is 2.70

chains, north 0°10' west, from true point, I set a granite stone 32x24x4 inches, 24 inches in the ground, for witness corner to

quarter section corner, marked W.C. 1/4 on west face, S.G.F.R. on

east face; and raised a mound of stone, 1 1/2 feet high, 2 feet base west of corner. fits impracticable. Stone also marked S.G.F.R.

on east face.

40.96 1/2

True point for quarter section corner.

Top of spur bears east and west. Descend.

56.95

Wagon road bears east and west.

62.20

Gulch, 30 lks. wide, 300 feet below top of spur, course west.

63.00

Ascend.

72.50

Top of spur, 500 feet above gulch, bears east and west. Descend.

81.93

Set a granite stone 24x18x18 inches, 18 inches in the ground for

corner to sections 19, 24, 25 and 30, marked S.G.F.R. on east face,

2 notches on south and 4 notches on north edges, and raised a

mound of stone 2 feet high, 1 1/2 feet base, west of corner.

fits impracticable.

Land, mountainous.

Soil, third rate.

No timber.

Dense undergrowth of chamisal.

Mountainous land, 80.00 chains.

South 0°10' east on a true line between sections 25 and 30.

Descend.

0.30

Canada, 100 links wide, 200 feet below top of last spur,

course west.

Ascend.

16.20

Top of spur 500 feet above Canada, bears north and south.

Descend.

22.25

Gulch 30 links wide, 200 feet below spur, course west and

across gravelly wash.

Forks of wagon road, bears west, northeast and southeast.

38.00

Gulch, 40 links wide, course west, leave wash and ascend.

40.86 1/2

Set a granite stone 20 1/4 inches, 15 inches in the ground,

for quarter section corner, marked S.G.P.R. on east face, 1/2

on west face, and raised a mound of stone 1 1/2 ft. high, 3 1/2

feet base, west of corner.

Pits impracticable.

42.00

Top of spur 175 feet above gulch, bears east and west.

Descend.

48.75

Gulch, 10 links wide, 200 feet below top of spur, course west.

Ascend

60.00

Top of ridge, 700 feet above gulch, bears east and southwest.

Descend.

81.73

Set a sandstone, 20 x 10 x 8 inches, 15 inches in the ground for

corner to sections 25, 30, 31 and 36, marked S.G.P.R. on east

face; with 5 notches on north and 1 notch on south edge; dug

pits 18 x 12 inches, in each section, 5 1/2 feet distant, and

raised a mound of earth, 2 1/2 feet high, 4 feet base west of

corner.

Land, mountains.

Soil, third rate.

No timber.

Dense undergrowth of chamisa.

Mountainous land, 80.00 chains.

South 0°10' east on a true line between sections 31 and 36.

Descend.

13.00 Gulch, 10 links wide, 900 feet below top of ridge, course south-

west. Ascend.

15.75 Top of ridge 200 feet above gulch, bears northeast and southwest.

Descend.

32.00 Gulch 20 links wide, 400 feet below top of ridge, course southwest.

Ascend.

38.00 Top of ridge 90 feet above gulch, bears northeast and southwest.

Wicker's house, bears north 55½° east, about 10.00 chains distant.

Descend.

40.86½ Set a washed boulder, 20x10x10 inches, 15 inches in the ground

for quarter section corner, marked ½ on west face; and raised a

mound of stone, 1½ feet high, 2 feet base west of corner.

Pits impracticable.

Stone also marked S.G.P.R. on east.

41.25 Dry bed of stream, 10 links wide, 175 feet below top of ridge,

course south 20° west and over plowed field, bears northeast and

southwest.

46.00 Wicker's old house bears N. 70 links distant.

47.00 Leave field, bears northeast and southwest, cross wagon road,

bears north 20° east and south 20° west.

Ascend.

49.00 Fire fence, bears east and west.

54.00 Top of spur 300 feet above stream, bears east and west.

72.00 Descend.

72.00 Ravine, 100 links wide, 270 feet below top of spur, course south-west. A tank bears southwest, about 3.00 chains distant.

72.10 Wagon road, bears northeast and southwest.

76.50 Top of spur, 100 feet above ravine, bears east and west.

78.00 Descend.

78.00 Gulch, 20 links wide, 75 feet below top of spur, course west.

Ascend.

80.50 Top of spur bears east and west, 200 feet above gulch.

81.73 Descend.

81.73 True point for corner to townships 2 and 3 north, ranges 14 and 15 west. Land, mountainous. Soil, first and third rate. No timber. Dense undergrowth of chamisal. Mountainous land, 89.25 chains.

From the corner to sections 1, 6, 7 and 12, on west boundary of township, previously described, I run north on a random line between sections 1 and 6.

40.00 After diligent search, failing to find any tract of old quarter section corner, I set temporary quarter section corner and continue north.

80.60 To a point 10 links east of corner to Tps. 3 and 4 north, R. 14 and 15 west, which is a granite stone 5 x 10 x 12 inches above the ground, marked as described by the Surveyor General, the mound destroyed. To remark corner and to establish corner No. 36 on boundary of San Gabriel Forest Reservation, I set a square,

hollow iron post, filled with cement, etc., 3 feet long, the sides 4 inches wide at the top, increasing to 12 inches wide at the bottom 12 inches in the ground, marked

T 4 N S 31 on northeast;
 S.G.P.R. 36, R.14 W. S 6 on southeast;
 T 3 N. S 1 on southwest, and
 R 15 W S 36 on northwest face,
 and raised a mound of stone, 1 1/2 ft. high, 5 feet base around post;
 from which bears a live oak 12 inches dia. south 1 1/2° east, 14 1/2
 links distant, marked S.G.P.R. 36, T.3 N. R.14 W. S 6 B.T.
 A live oak 10 inches dia. south 16° west, 76 links distant, marked
 S.G.P.R. 36, T.3 N., R.15 W. S. 1 B.T. No other tree within limits;
 pits impracticable. I destroyed old corner.
 Thence I run
 South 0°04' east on a true line between sections 1 and 6.
 Descend.
 Gulch, 30 links wide, course southwest.
 Ascend.
 2.15 Top of spur 200 feet above township corner, bears northeast and
 southwest. Descend.
 13.70 Gulch, 170 links wide, 150 feet below top of spur, course west.
 Ascend.
 22.50 Top of ridge, 700 feet above gulch, bears east and west.
 Thence along west slope of same, across slides and washes.
 39.00 The true point for quarter section corner, falling in slides,
 not a suitable place to mark at this point, which is 1.30 chains
 north 0°04' west of true point.
 I set sandstone 20 x 20 x 8 inches, 15 inches in the

M. Mdy. T. 3 N., R. 14 W., S.B.M.

September 24, 1896.

Mountainous land, 60.60 chains.
 No timber.
 Dense undergrowth of ohparrai.
 Soil, third rate.
 Land, mountainous.
 80.60 To corner to sections 1, 6, 7 and 12.
 Ascend.
 67.60 Bottom of ravine, 60 links wide, 30 feet deep, course west.
 Descend.
 65.50 Trail, on top of spur, bears east and west.
 Ascend.
 60.00 Steep slide, bears east and west.
 Descend.
 54.50 Top of spur bears east and west.
 Ascend.
 45.50 Wash, 5 links wide, course west.
 Descend.
 44.00 Top of spur bears east and west.
 Bears east and west.
 40.30 The true point for quarter section corner in steep slide,
 pits impracticable.
 Round 1 1/2 feet high, 2 feet base west of corner.
 Ground, for witness corner to quarter section corner, marked
 W.O. 7 on west face, S.O.F.R. on east face, and raised a stone

W. HAY. T. J. N., R. 14 W., S. B. M.

corner. face; and rebuilt stone mound, 1 1/2 ft. high, 2 feet base west of 16 x 10 x 8 inches, 11 inches in the ground, marked 7 on west mound. I destroy stake and to remark corner set a sandstone boundary of township, which is a decayed stake, in an old stone quarter section corner between sections 13 and 18, on the west To fully establish the position of this corner, I go to the mound, but no other trace of corner.

to sections 13, 18, 19 and 24, where I found a portion of an old and at 230.10 chains arrive at a point 2.03 chains west of corner find any trace of same, set temporary corners at every 40.00 chains I make diligent search for old corners, along line, but failing to random line along boundary.

townships 3 and 4 north, ranges 14 and 15 west, I run north on a ranges 14 and 15 west, previously described. From the corner to meridian with the solar at the corner to townships 3 and 4 north, the lat arc; 1°09' south on the decl. arc and determine the true 15°00' east. At 7h. 00m. A.M., I set off 34°24' north on on page 100 of the manual gives the mean magnetic declination The mag. bearing is north 15°01' west, which reduced by the table west of the point established last night.

determined by cutting a mark on a stone set firmly in the ground, of points 1°30'06" to the west and mark the true meridian thus September 25th, at 6h. 30m. A.M., I lay off the azimuth 5 chains north of my station.

determined by a tack driven in a wooden plug set in the ground, observe points at eastern elongation, and mark the line thus in lat. 34°24' north, long. 118°24' west, at 7 h. 13m. P.M., I At the corner to townships 3 and 4 north, ranges 14 and 15 west,

Boundary Line Of San Gabriel Forest
Reservation Along N. B. T. 4 N. R. 14 W. S. B. M.

Pits impracticable.

Thence I run

south on a random line between sections 13 and 18.

40.00 To old mound, the remains of corner to sections 13 and 18, 19 and 24. To remark this corner and to establish corner No. 37

on boundary of San Gabriel Forest Reservation, this point being on the embankment of the Southern Pacific R.R., not a suitable

place to mark, I ran east 175. links and set a square, hollow iron post, filled with cement, etc., 3 feet long, the sides 4

inches wide at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground, for witness corner to said

corner, marked

I. 4 N. S. 18 on northeast,

S. G. W. R. 37 R. 14 W. S. 19 on southeast;

R. 15 W. S. 24 on southwest, and

S. 13 on northwest faces; dug pits

36 x 36 x 12 inches east and west of

post, 4 feet distant, and raised a mound of earth, 1 1/2 feet high,

5 feet base around post; alongside which I set a washed boulder,

24x17x11 inches, 18 inches on the ground, marked M. O., 1.75 chains

on west face.

Thence I run

North on a true line between sections 13 and 18. Ascend.

9.50 Top of ridge 300 feet above section corner, bears east and west.

Descend.

27.00 Dry bed of Santa Clara river, 150 links wide, 700 feet below top

of ridge, course southwest and thru Santa Clara valley.

32.00 Wagon road, bears northeast and southwest.

36.00 Leave Santa Clara valley, bears N. E. and S. W.

Ascend.