

LOG ANGLE

FIELD NOTES

Section 22

T 2 N, R 13 W., S.B.M.

and

RE-SURVEY of Lines in

T 2 N, R 13 W.

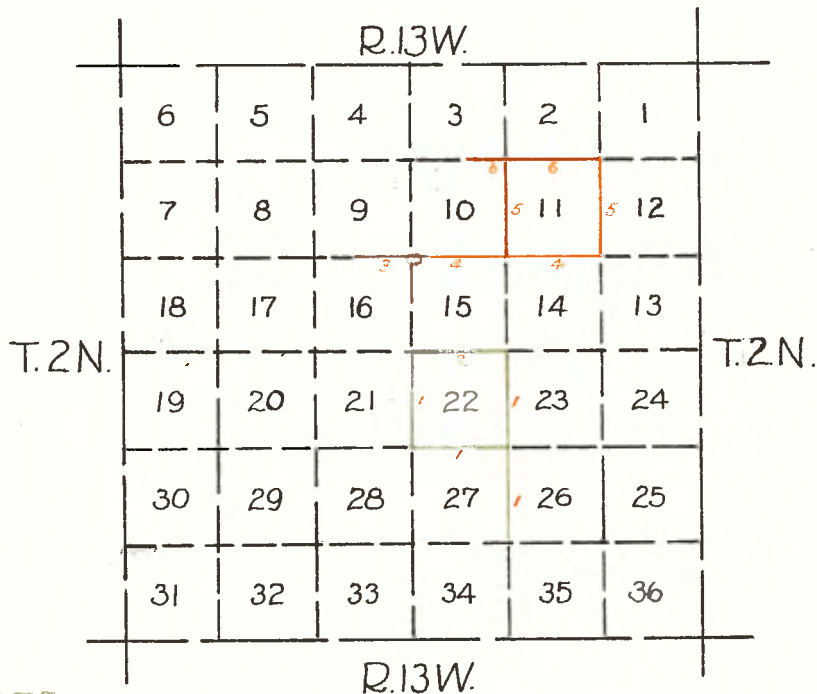
Section 11.

Between Sections 10 & 15.

3 & 10 (part)

9 & 16 (part)

Copied from Notes loaned by Mr. L. Friel.



Norway 1875  
Ross 1909

NORTH between sections 26 and 27. Var.  $14\frac{1}{4}^{\circ}$  E.

80 00 Set a sand rock 6 x 6 x 10 ins. in a mound of rocks, as instructed for corner to sections 22, 23, 26 and 27. Land south  $\frac{1}{2}$  valley 1st rate. N  $\frac{1}{2}$  mountainous 2nd rate. Bee Ranges.

NORTH between sections 22 and 23. Var.  $14\frac{1}{4}^{\circ}$  E.

Ascending.

8 00 Summit of spur, bearing NE and SW. and descend.  
 17 50 Cross near head of gulch, 50 lks. wide, course SW. Ascend.  
 32 50 Summit of spur, bearing NE & SW. Descend.  
 40 00 Set a redwood post 3 x 3 ins. 3 ft long in a mound of rocks as instructed on side hill facing NW. for  $\frac{1}{4}$  section corner.  
 58 50 Cross deep gulch 100 lks. wide, course SW. and ascend.  
 80 00 Set a sand rock 10 x 16 x 20 ins. in a mound of rocks, as per instructions on side hill facing SE. for corner to sections 14, 15, 22 & 23. Land, high, rolling mountains. 2nd rate with scattering timber. Good Bee range.

From the corner to sections 22, 23, 26 and 27, I ran

WEST on a TRUE line between sections 22 and 27. Var.  $14\frac{1}{4}^{\circ}$  E.

Descending. *chs.*

10 50 Cross creek .06 lks. wide, course S.  
 18 00 Ascend to high table land.  
 40 00 Inst. the Northern boundary of the Rancho La Canada 13.18 chs. N.  $67^{\circ}$  W. of corner No. 8 of said Rancho as re-surveyed by me. Set a redwood scantling 2 x 4 ins. 3 ft long in a mound of rocks, as instructed for  $\frac{1}{4}$  section corner and corner to fractional sections 22 and 27. Picking's house bears NE. about 15 chs., thence continued through said Rancho.  
 48 50 Cross gulch 50 lks. wide, course S.  
 80 00 Set a redwood post 4 x 4 ins.  $3\frac{1}{2}$  ft long in a mound of rocks, as instructed for corner to sections 21, 22, 27 and 28, inside the Rancho La Canada. Land mostly level, 1st and 2nd rate. Covered with low brush, very dry gravelly soil.

NORTH between sections 21 and 22. Var.  $14\frac{1}{4}^{\circ}$  E.

17 03 Inst. the Northern boundary of the Rancho La Canada, 43.50 chs. N.  $67^{\circ}$  W. of the corner to fractional sections 27 and ~~28~~ 22. Set an Oak post 3 x 3 ins. 3 ft long, in a large mound of rocks as instructed, for corner to fractional sections 21 and 22. Price's house NW. about 12 chs. Thence

NORTH between sections 21 and 22.

31 00 Leave brushy table land and ascend.  
 39 50 Summit of spur bearing E & W. and descend.  
 40 00 Point for  $\frac{1}{4}$  section corner falling on steep side hill not a suitable place to build a mound, I set a Manzanita post 3 x 3 ins. 3 ft long, in a mound of rocks, as instructed, on top of ridge 77 lks. S. for Witness to  $\frac{1}{4}$  section corner. Descend.  
 60 00 Ascending.  
 80 00 Set a redwood post 4 x 4 ins.  $3\frac{1}{2}$  ft long in a mound of rocks as instructed, for corner to sections 15, 16, 21 and 22. Land south  $\frac{1}{2}$  level, mostly 1st. rate. North  $\frac{1}{2}$  mountainous, 2nd rate.

EAST on a RANDOM line between sections 15 and 22.

Var.  $14\frac{1}{2}^{\circ}$  E.

Along south slope of mountains.

- 20 00 Descending.
- 40 00 Set a post for temporary  $\frac{1}{4}$  section corner.
- 49 50 Cross gulch, 45 lks. wide course SE. Ascend.
- 55 00 Summit of spur, bearing N & S. Descend.
- 62 50 Cross gulch 50 lks. wide course SW. Ascend.
- 80 10 Intersect the N & S. line 20 lks. N. of the corner to sections 14, 15, 22 and 23. From this corner I run

N.  $89^{\circ} 51'$  W. on a TRUE line between sections 15 and 22.

Var.  $14\frac{1}{2}^{\circ}$  E.

- 40 05 Set a Fir post 3 x 3 ins. 3 ft long, in a mound of rock on side hill facing SE. as instructed, for  $\frac{1}{4}$  section corner.
- 80 10 The corner to sections 15, 16, 21 and 22.  
Land, high mountains. 2nd rate.  
Timber, Pine and Oak in places.

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Surveyed by W. H. Norway, Deputy Surveyor.

Contract dated July 31, 1875.

RE-SURVEY.

I begin at the previously described corner to sections 7, 12, 13 & 18, on the East boundary of T 2 N., R 13 W., S.B.M. and run West on a random line setting temporary corners every 40 chains where possible and where impossible temporary W.C. and at 2 miles and 13.85 chs. I come to the point described by the Surveyor General as the triangulation point as previously described. The triangulation is impossible and inconsistent with actual conditions. I continue West but find none of the corners, nor any of the topography described by the Surveyor General, I abandon the search from this direction leaving a mark at  $2\frac{1}{2}$  miles W. of corner to Sections 7, 12, 13 and 18. This line is one of the most rugged in the township and is inaccessible from any livable base of supplies in less than 4 to 6 hours, making the working day 1 to 4 hours long and the hazards very great.

October 14, 15, 16, 17, 18, 1909.

In order to pick up this line with certainty from the reverse direction and also to insure the closure of the traverse I begin at the U. S. Geol. B.M. elev. 1470 ft. on the W. boundary of section 6, T 2 N., R 13 W. and re-run southerly to iron post 26 at the C.C. of sections 7 and 18, I again begin at the  $\frac{1}{4}$  section corner between sections 8 and 17 and run to  $\frac{1}{4}$  section corner between sections 9 and 16 and find distance and adjustment in agreement within the allowable limit and corners by the Surveyor General up to and including the  $\frac{1}{4}$  section corner between sections 9 and 16.

Oct. 19, 20, 21 and 22, 1909.

Thence I run

S.  $89^{\circ} 49'$  E. on a RANDOM line between sections 9 and 16.

40 22 Being unable after diligent search to find any trace of the old corner to sections 9, 10, 15 and 16, I set a temporary corner.  
Thence I run

S.  $89^{\circ} 51'$  E. on a RANDOM line between sections 10 and 15.

40 20 At the point I made another careful search for the  $\frac{1}{4}$  section corner between sections 10 and 15, described by the Surveyor General but find no trace of it.

October 24, 1909.

The temporary corner previously set at  $2\frac{1}{2}$  miles W. of corner to sections 7, 12, 13 and 18, on the East boundary of T 2 N., R 13 W., S.B.M. bears S.  $10^{\circ} 55'$  W. 5.15 chs. dist. the connection is therefore 5.53 chains divided by 3.5 equals 1.58 chs., South per section and the distance is 279.44 divided by 3.5 equals 79.84 chs. per section.  
 $5.15 \times \cos. 10^{\circ} 55' + 40.20 \times \sin. 0^{\circ} 09' + 40.22 \times \sin. 0^{\circ} 11'$   
equals 5.53.  $5.15 \times \sin. 10^{\circ} 55' + 40.20 + 40.22 + 200$  equals 279.44 chs.

$5.53 \div 279.44$  equals 0.0198 equals  $\tan. 1^{\circ} 08'$ ,  $90^{\circ} - 1^{\circ} 08'$   
equals  $88^{\circ} 52'$

The true bearing of the line is S.  $88^{\circ} 52'$  E.

I return to the  $\frac{1}{4}$  section corner between sections 9 and 16, which is a granite stone 12 x 12 x 8 ins. above ground, set, marked and witnessed as described by the Surveyor General. Thence I run

S.  $88^{\circ} 52'$  E. on a TRUE line between sections 9 and 16.

Ascend steeply rocky recently burned slope.

13 00 Brink of precipitous ridge bears N.  $65^{\circ}$  W. and S.  $65^{\circ}$  E. Descend.  
20 00 Canyon, course N.  $30^{\circ}$  W. Ascend.

30 00 Ridge bears N & S. highest point of Sister Elsie Peak marked by a high rock mound bears N.  $15^{\circ}$  W. about 15 chs. distant.  
Descend. October 25, 1909.

- 35 50 Gulch, course South. Ascend.  
 36 92 Boulder in place 6 x 5 x 4 feet above ground for witness corner to sections 9, 10, 15 and 16, marked + at the exact point and W.C. on NE face with 4 notches on the South and 3 notches on the East side and raised a mound of stone 3 ft base 3 ft high W. of corner.  
 39 92 True point for corner to sections 9, 10, 15 and 16, falls on steep precipitous slope where no corner would be safe. Land mountainous. Soil rocky. Timber, none. Mountainous and exceptionally difficult to survey 59.92 chs.

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 From the true point for corner to sections 9, 10, 15 and 16, I run S. 88° 52' E. on a TRUE line between sections 10 and 15. Ascend.

- 8 60 Ridge bears N. 65° W. and S. 65° E. Descend, this is the divide between Tujunga and La Canada watersheds.  
 33 00 Canyon, course N. and ascend.  
 35 50 Ridge bears N & S. and descend.  
 39 92 Falls on an extremely steep sliding North slope where no set corner would be safe, no practicable place for a corner can be found on the line, close by a prominent Fir 16 ins. dia. bears S. 79° W. 175 lks. dist. from the true point for  $\frac{1}{4}$  section corner, I marked for witness to  $\frac{1}{4}$  section corner, W.C.  $\frac{1}{4}$  S 10 on N. and 15 on S. side. From which a  
     Dead Top Fir 24 ins. dia. bears N. 45° E. 35 lks. marked W.C.  $\frac{1}{4}$  S 10 BT.  
     Broken Top Fir 24 ins. dia. bears S. 45° E. 85 lks marked W.C.  $\frac{1}{4}$  S 15 BT.  
 The W.C. Fir has a fire scar on the South side and is situated on a very steep nose bearing N. from main divide.

October 27, 1909.

- Descend steeply broken precipitous slopes.  
 65 00 West Fork of Maple Canyon, course N. Ascend extremely precipitous slopes.  
 79 84 Falls on very steep slide of canyon unsafe for corner. Land mountainous. Soil rocky. No timber. Heavy brush. Mountainous land and exceptionally difficult to survey 79,84 chains.

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 S. 88° 52' E. on a TRUE line between sections 11 and 14.

- Ascend precipitously.  
 7 93 Ridge bears N. 30° E. and S. 30° W. Set a granite stone 18 x 10 x 5 ins. 14 ins. in the ground for Witness to corner to sections 10, 11, 14 and 15, marked W.C. on NE. face with 4 notches on the S. and 2 notches on the E. edges, and raised mound of stone 3 ft base 2 $\frac{1}{2}$  ft high West of corner, descend steep precipitous slope, heavy undergrowth.  
 17 50 East Fork of Maple Canyon course North. Ascend.  
 27 80 Verdugo ridge bears NE & SW, descend.  
 33 65 Top of nose of a prominent spur of Verdugo ridge bears N. 60° W. and S. 60° E. As the true point for  $\frac{1}{4}$  section corner falls in an inaccessible brushy canyon, a branch of the West Fork of Vasquez creek I set at this point a granite stone 20 x 9 x 6 ins. 16 ins. in the ground for Witness to  $\frac{1}{4}$  section corner marked W.C.  $\frac{1}{4}$  on N. From which a Prominent Oak 16 ins. dia. bears N. 10° E. 45 lks. marked W.C.  $\frac{1}{4}$  S 11 BT.  
 No other trees available.  
 Descend steeply precipitously thru heavy underbrush.  
 40 50 Canyon, course N. 10° E. over heavy undergrowth.  
 46 00 Ridge bears N & S. descend.  
 51 00 West Fork of Vasquez creek course N. ascend. Pure and good perennial water here.  
 74 04 West edge of knoll adjacent to trail of the U.S.F.R. and a point 25 lks S. of trail. As the true point for corner falls in an inaccessible

steep and precipitous and brushy canyon, I set a conglomerate rock 18, 10, 5 ins. 14 ins. in the ground for Witness to corner of sections 11, 12, 13 and 14, marked W.C. on NE. face with 4 notches on S. and 1 on E. edge and raised a mound of stone and earth 3 ft base  $2\frac{1}{2}$  ft high W. of corner. Pits impracticable.

- 75 12 Pasadena trail bears NW & SE. but at 50 lks. NW. from this point it turns sharply to N.  $75^{\circ}$  W. Descend steeply thru heavy undergrowth.  
79 00 Canyon, course N.  $35^{\circ}$  W. ascend.  
79 84 Falls on a steep, brushy inaccessible slope unsuitable for corner. Land mountainous. Soil rocky. Timber heavy brush. Mountainous land exceptionally difficult to survey 79,84 chs.
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From the true point for corner to sections 11, 12, 13 and 14, I run N.  $0^{\circ} 01'$  W. between sections 11 and 12. Descend.

- 11 00 Canyon carries water 3 lks. wide course N.  $50^{\circ}$  W. ascend.  
18 00 Spur bears NW & SE. descend.  
25 00 Canyon, dry, course N.  $55^{\circ}$  W. ascend.  
33 84 High ridge bears NW & SE. set an iron rod 18 ins. long  $1\frac{1}{2}$  ins. dia. 14 ins. in the ground for witness to  $\frac{1}{4}$  section corner, marked W.C. on E. and  $\frac{1}{4}$  on W. faces, and raised mound of stone  $2\frac{1}{2}$  ft base 2 ft high W. of corner. Pits impracticable. Descend steeply thru heavy undergrowth.  
40 00 Falls on a steep sliding slope unsafe for corner.  
46 50 Canyon carries water 2 lks. wide, course NW. ascend.  
58 50 High ridge bears NW & SE. descend.  
68 20 Tujunga creek 20 lks. wide, course S.  $80^{\circ}$  W.  
72 00 Road bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W. ascend.  
77 00 Sharp spur, rugged, bears NE & SW. descend.  
80 00 Set a pine post 3 ft long 4 ins. sq. 24 ins. in the ground for corner to sections 1, 2, 11 and 12, marked  
T 2 N, S 1 on NE.  
R 13 W S 12 on SE.  
S 11 on SW. and  
S 2 on NW. faces.  
with 5 notches on the S. and 1 notch on the E. edges. From which an Oak 24 ins. dia. bears N.  $5^{\circ}$  E. 113 lks. marked T 2 N, R 13 W, S 1 BT.  
Sycamore 8 ins. dia. bears S.  $80^{\circ}$  E. 33 lks. marked T 2 N, R 13 W, S 12 BT.  
Oak 3 ins. dia. bears S.  $57^{\circ}$  W. 54 lks. marked T 2 N, R 13 W, S 11 BT.  
Oak 12 ins. dia. bears N.  $66^{\circ}$  W. 110 lks. marked T 2 N, R 13 W, S 2 BT.  
Land mountainous. Soil rocky 5th rate.  
Timber brush on mountains, Oak and Sycamore by Tujunga Creek.  
Mountainous land and exceptionally difficult to survey 80.00 chs.
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From the true point for corner to sections 10, 11, 14 and 15, I run N.  $0^{\circ} 01'$  W. between sections 10 and 11.

- Descend over broken and very precipitous slope.  
9 00 Maple Canyon carries water 4 lks. wide course NE., ascend.  
40 00 Falls on a steep inaccessible slope.  
43 74 Granite boulder in place 28 x 24 x 12 ins. above ground for witness to  $\frac{1}{4}$  section corner, I marked + on top and W.C.  $\frac{1}{4}$  on W. face and raised mound of stone  $3\frac{1}{2}$  ft base 3 ft high W. of corner. This corner is located at the summit of a flat spur bearing N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W. descend.

November 2, 1909.

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62 00 Rim of extremely rugged rocky rift brs. N. 30° E. and S. 30° W. sloping down about 65° descend.  
 69 00 Foot of sheer granite bluff about 500 ft high in Tujunga Creek.  
 69 30 Tujunga Creek 35 lks. wide, course W. ascend slightly.  
 74 50 Road brs. E & W.  
 74 70 Point from which the U. S. Geol. B.M. Elev. 1888 brs. W. 160 lks.  
 80 00 Set a granite stone 24 ins. long 12 ins. sq. at bottom and 6 ins. sq. at top, 18 ins. in the ground for corner to sections 2, 3, 10 and 11, marked with 5 notches on the South and 2 notches on the E edges and I raised mound of stone 3 ft base, 2 ft high W. of corner. Pits impracticable. Land mountainous. Soil 3rd to 6th rate. No timber. Mountainous land and exceptionally difficult to survey 80.00 chains.

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 S. 88° 52' E. on a RANDOM line between sections 2 and 11.

80 00 Corner to sections 1, 2, 11 and 12. Thence I run

N. 88° 52' W. on a TRUE line between sections 2 and 11.

Ascend steeply thru heavy undergrowth.

15 20 High ridge brs. NW & SE, descend.  
 20 50 Canyon carries water 4 lks. wide, course S. ascend.  
 23 10 Ridge brs. N & S. descend.  
 26 10 Gulch, course S. and ascend sliding slope.  
 40 00 Saddle brs. N. 15° W. & S. 15° E., set a cast iron rod 18 ins. long 1½ ins. dia. 14 ins. in the ground for ¼ section corner marked ¼ on N. side. From which a  
 Manzanita 5 ins. dia. brs. S. 85° E. 30 lks. Mkd ¼ S 11 BT.  
 Manzanita 3 ins. dia. brs. N. 89° E. 28 lks. Mkd ¼ S 2 BT.

Descend across brushy crater.

54 50 SW. rim of crater overlooking Tujunga Canyon. Descend steeply precipitously over several small canyons. Hoyt's barn brs. S. 6° W. 25 chs. dist. Hoyt's log cabin 5 chs. N. of barn and club house brs. N. 60° E. 10 chains from barn.  
 69 00 Hillock spur brs. N & S. and descend.  
 72 50 Foot of Mts. enter brush flat.  
 80 00 Corner to sections. 2, 3, 10 and 11. Land mountainous.  
 Soil 3rd to 6th rate. Timber brush.

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 From the corner to sections 2, 3, 10 and 11 I run west on a true line knowing that I shall be quite unable to run all of the mile between sections 3 and 10. Descend gradually.

2 40 Drop 15 ft to Tujunga Wash.  
 3 40 Tujunga Creek 50 lks. wide course W.  
 5 40 Road brs. N & S. also foot of bluff.  
 7 00 Edge of brushy flat, ascend gradually.  
 12 70 Ridge brs. NE & SW. descend.  
 14 70 Canyon course NE and ascend.  
 18 00 Ridge brs. NE & SW. ascend gradually across swale.  
 21 80 High ridge brs. N. 15° E. and S. 15° W. Being unable to run further W. on account of the extreme ruggedness of the land and there being no agricultural land involved, I discontinue the line and at this point I set a granite stone 16 x 10 x 5 ins. 12 ins. in the ground for witness to ¼ section corner, marked W.C. ¼ on N. face and raised mound of stone 2½ ft base 2½ ft high N. of corner. Pits impracticable. Land mountainous. Soil rocky 6th rate. Timber heavy brush.

Louis Ross, 1909.