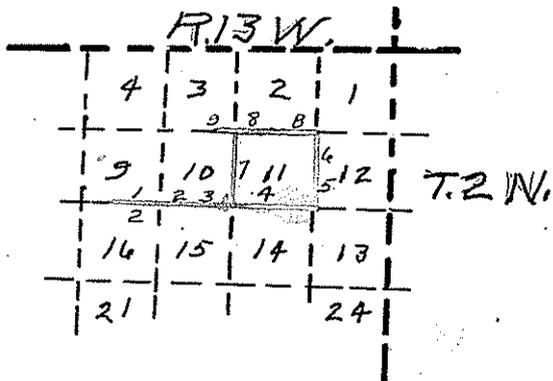


Re-Survey

Of lines in Township

Two North, Range 13 West, S.B.M.

By Louis Ross, 1909.



I begin at the previously described corner to sections 7,12,13 and 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 W. but find none of the corners, nor any of the topography/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. bndy of section 6, T.2 N., R.13 W., and re-run southerly to iron post 26 at the C.C. of section 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 & 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.

40.20 Thence I run S. $89^{\circ}51'$ E. on a random line between sections 10 and 15 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 24th, 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. brs. S. $10^{\circ}55'$ W. 5.15 chs. dist. the connection is therefore 5.53 chs. 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. $5.15 \times \sin. 10^{\circ}55' + 40.20 + 40.22 + 200.00$ equals 279.44 chs.

$5.53 \div 279.44$ equals 0.0198 equals $\tan. 1^{\circ}08'90''$ -
 $1^{\circ}08'$ 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 brs. N. 65° W. and S. 65° E. descend.
20.00 Canon course N. 30° W. ascend.
30.00 Ridge brs. N. & S. highest point of Sister Elsie Peak marked by a high rock mound brs. N. 15° W. about 15 chs. distance descend.

October 25th, 1909.

- 35.50 Gulch course south, ascend.
- 36.92 Boulder in place 6x5x4 ft. above ground for Witness corner to sections 9, 10, 15 and 16 marked (X) at the exact point and W.C. on N.E. face with 4 notches on the south and 3 notches on the E. side and raised 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 39.92 chs.

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From the true point for corner to sections 9, 10, 15 and 16,

I run

S. $88^{\circ}52'$ E. on a true line between sections 10 and 15 ascend.

8.60 Ridge brs. 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 brs. 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. brs. S. 79° W. 175 lks. dist. from the true point for $\frac{1}{4}$ sec. 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. brs. N. 45° E. 35 lks.

marked W.C. $\frac{1}{4}$ S. 10 B.T.

Broken Top Fir 24 ins. dia. brs. S. 45° E. 85 lks.

marked W.C. $\frac{1}{4}$ S. 15 B.T.

The W. C. Fir has a fire scar on the south side and is

is situated on a very steep nose bearing north from main divide,

October 27th, 1909.

Descend steeply broken precipitous slopes

65.00 West fork of Maple Canon course north, ascend extremely precipitous slopes.

79.84 Falls on very steep slide of canon unsafe for corner.

Land mountainous.

Soil rocky, no timber, heavy brush

Mountainous land and exceptionally difficult to survey 79.84 chs.

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S. $88^{\circ}52'$ E. on a true line between sections 11 and 14

Ascend precipitously

7.93 Ridge brs. N. 30° E. and S. 30° W. set a granite stone $18 \times 10 \times 5$ ins., 14 ins. in the ground for witness to Corner to sections 10, 11, 14 and 15, marked W.C. on N.E. face with 4 notches on the S. & 2 notches on the E. edges and I 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 Canon course North ascend.

27.80 Verdugo ridge brs. N.E. & S.W. descend.

33.65 Top of noes of a prominent spur of Verdugo ridge brs. N. 60° W. and S. 60° E. as the true point for $\frac{1}{4}$ section corner falls in an inaccessible brushy canon a branch of the West fork of Vasquez creek I set at this point a granite stone $20 \times 9 \times 6$ 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. brs. N. 10° E. 45 lks.

marked W.C. $\frac{1}{4}$ S. 11 B.T.

No other trees available.

- Descend steeply precipitously thru heavy underbrush
- 40.50 Canon course N. 10° E. over heavy undergrowth
- 46.00 Ridge brs. N. and 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 canon, 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 N.E. face with 4 notches on S. and 1 on E. edge and I raised mound of stone and earth 3 ft. base, 2½ ft. high W. of corner.
Fits impracticable.
- 75.12 Pasadena trail brs. N.W. & S.E. but at 50 lks. N.W. from this point it turns sharply to N. 75° W., descend steeply thru heavy undergrowth.
- 79.00 Canon course N. 35° W. ascend.
- 79.84 Falls on a steep, brushy inaccessible slope unsuitable for corner.
Land mountainous.
Soil rocky.
Timber heavy brush
Mountainous land and 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°1' W. between sections 11 and 12.
Descend
- 11.00 Canon carries water 3 lks. wide course N. 50° W. ascend
- 18.00 Spur brs. N.W. & S.E. descend
- 25.00 Canon dry course N. 55° W. ascend

33.84 High ridge brs. N.W. & S.E., set an iron rod 18 ins. long
1½ ins. dia., 14 ins. in the ground for witness to ¼
section corner, marked W.C. on E. and ¼ W. face and raised
mound of stone 2½ 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 Canon carries water 2 lks. wide course N.W. ascend

58.50 High ridge brs. N.W. & S.E. descend

68.20 Tujunga Creek 20 lks. wide course S. 80° W.

72.00 Road brs. N. 80° E. and S. 80° W. ascend

77.00 Spur sharp and rugged brs. N.E. and S.W. 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 N.E.

R. 13 W., S. 12 on S.E.

S. 11 on S.W. and

S. 2 on N.W. faces

with 5 notches on the south and 1 notch on the E. edge

From which an

Oak 24 ins. dia. brs. N. 5° E. 113 lks.

marked T. 2 N., R. 13 W., S. 1 B.T.

Sycamore 8 ins. dia. brs. S. 80° E. 33 lks.

marked T. 2 N., R. 13 W. S. 12 B.T.

Oak 3 ins. dia. brs. S. 57° W. 54 lks.

marked T. 2 N., R. 13 W., S. 11 B. T.

Oak 12 ins. dia. brs. N. 66° W. 110 lks.

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

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.

From the true point for corner to sections 10, 11, 14 and 15, I run

N. 0°1' W. between sections 10 and 11

descend over broken and very precipitous slope.

- 9.00 Maple canon carries water 4 lks. wide course N.E. ascend
40.00 Falls on a steep inaccessible slope.
43.74 Granite boulder in place 28x 24x 12 ins. above ground
for witness to $\frac{1}{4}$ section corner I marked (X) on top
7 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° E. and
S. 80°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. and W.
74.70 Point from which the U.S. Geol. B.M. elev. 1888 brs.
W. 160 lks. dist.
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 3 to 6 rate.
No timber.
Mountainous land and exceptionally difficult to survey
80.00 chs.

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

No 88°52' W. on a true line between sections 2 and 11

Ascend steeply thru heavy undergrowth.

15.20 High ridge brs. N.W. & S.E. descend.

20.50 Canon carries water 4 lks. wide course south ascend.

23.10 Ridge brs. N. & S. descend.

26.10 Gulch course south and ascend sliding slope.

40.00 Saddle brs. N. 15° W. and 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.
marked ¼ S. 11 B.T.

Manzanita 3 ins. dia. brs. N. 89° E. 28 lks.
marked ¼ S. 2 B.T.

Descend across brushy crater.

54.50 S.W. rim of crater overlooking Tujunga Canon

Descend steeply precipitously over several small canons
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 chs. 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 3 to 6 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 North
5.40 Road brs. N. & S. also foot of bluff.
7.00 Edge of brushy flat ascend gradually.
12.70 Ridge brs. N.E. & S.W. descend
14.70 Canon course N.E. and ascend.
18.00 Ridge brs. N.E. and S.W. ascend gradually across swale
21.80 High ridge brs. N. 15° E. and 8.15° W. being unable to
run further W. on account of the extreme ruggedness of the
land and there being no agricultural land involved I dis-
continue 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
 $\frac{1}{4}$ section corner, marked W.C. $\frac{1}{4}$ on N. face and raised
mound of stone $2\frac{1}{2}$ ft. base $2\frac{1}{2}$ ft. high N. of corner
Pits impracticable.
Land mountainous.
Soil rocky 6th. rate.
Timber heavy brush.

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Louis Ross

1909