



Retracement of portion of E. Bdy. of T. 4 N., R. 10 W.,

Chains.

Survey commenced November 26, 1812, and executed with Young and Sons light mountain transits Nos. 8398 and 8149, with solar attachments.

For test of solar attachment as shown by observations

on Polaris see Book D.

From the cor. of secs. 12 and 13 on the E. bdy. of the Tp.

which is an oak post 4 ins. square 12 ins. above ground firmly set, marked and witnessed as described by the

Surveyor General. I renew the pits and enlarge the

found to 3 7/8 ft. base 2 ft. high.

Thence I run

South on a random line on the E. bdy. of sec. 18.

The closing cor. of secs. 7 and 18 of R. 9 W.

Fall 10 lks. E. of old 7/8 sec. cor. which is a pine post

4 ins square 12 ins above ground firmly set marked

and witnessed as described by the Surveyor General.

I destroy the marks on cor. referring to sec. 13. This

cor. now becomes the cor. of sec. 18 only of R. 9 W.

91.29 Fall 4 lks. E. of cor. of secs. 13, 18, 19 and 24, which is

a pine post 3 ins. square firmly set, marked and wit-

nessed as described by the Surveyor General. I destroy

the marks on the cor. and bearing tree referring to

secs. 13 and 24. The cor. therefore becomes the cor.

of secs. 18 and 19 only of R. 9 W.

Thence I run N. 0° 5' W. on a true line along the E. bdy. of

sec. 13.

Ascend gradually through dense brush and scattering pine,

oak and pinon timber.

1.50 Top of low spur bears NW. and SE. Descend.

9.50 Having 20 lks. wide course NW. Ascend

13.50 Top of low spur bears NW. and SE. Descend.

29.20 Having 40 lks. wide course W. Ascend.

40.19 The 7/8 sec. cor. of sec. 18 of R. 9 W.

November 26. At this 7/8 sec. cor. I set off 20° 59' S. on

the decl. arc. and at 11h 47m. 1.m.t., observe the

sun on the meridian; the resulting lat. is 34° 26'.

nos. 27 to 32  
(4 sheets)  
Burnham/Warner 1912  
Los Angeles County  
Engineer

Retracement of portion of E. bdy. of T. 4 N. R. 10 W.

Chains

Thence I run

N. 0° 7' E. on a true line along the E. bdy. of sec. 13

Having 10 lks. wide, course SW.

Top of low ridge bears E. and W. Descend.

8.91 Having 30 lks. wide course W. Ascend abruptly.

11.10 Set temp. 7 sec. cor. of sec. 13.

38.01 Top of high spur bears SE. and NW. Thence along E. slope of Mt.

48.10

The close cor. of sec. 7 and 18 of R. 9 W. which is an oak post

4 lks. sq. 18 lks. above ground, firmly set marked and witness-

ed as described by the Surveyor General.

60.31 Top of high spur bears E. and W. Descend.

51.10

The cor. of sec. 12 and 13.

Land broken and mountainous.

South 78.20 chains drains NW.

North 15.08 chains; land drains E.

Soil rocky and gravelly; 3rd and 4th rates.

Brush dense oak, Manzanita pine and pinon.

Timber scattering pine, oak and pinon.

November 26, 1912.

November 30, at 8h 30m a.m. L.M.T., I set off 34.261

on the lat. arc 21° 38' S. on the decl arc and

determining a meridian with the solar at the cor.

of sec. 13, 18, 19 and 24.

Thence I retrace

South on a random line bet. sec. 19 & 24

4 lks square 12 lks. above ground firmly set, marked

and witnessed as described by the Surveyor General

I renew the pits and enlarge the mound of earth to

3 1/2 ft. base. 1 1/2 ft. high.

71.30 Fall 10 lks. E. of witness cor. of sec. 19, 24, 25 and 30,

which is a pine post 4 lks square 12 lks. in a

large mound of rocks marked and witnessed as de-

scribed by the Surveyor General.

80.20 Fall 12 lks. E. of X marked on a rock from which

A line 6 lks diam. bears S. 16° W. 75 lks dist

marked

Chains

1 4 N R 10 W S 25 B 1

This is the true point for the cor. of secs. 19, 24, 25

and 30. The true point falls on a steep bank of

a dry wash; no suitable place for a monument.

From the true point for the cor. of secs. 19, 24, 25 and 30

I run

North 09° 01' E. on a true line bet. secs. 19 and 24.

Ascend over limestone cliffs through scattering scrub

oak and Pinon brush oak and pine timber.

The witness cor. of secs. 19, 24, 25 & 30

Top of spur bears NE. and SW. Descend along NE. slope.

November 30: at this witness cor. I set off 21° 40' S.

on the decl arc and at 11h 49m 1. m. t., observe

the sun on the meridian: the resulting lat. is 34°

25'

22.50 Ravine 40 lks. wide, course N. 36° W. Ascend along E. bank

of ravine.

38.75 Top of ascent bears NW. and SE. Thence descend gradually

over mesa.

40.20 The 1/2 sec. cor.

Thence I run

N. 04° E. on a true line bet. secs. 19 and 24.

6.20 Ravine 40 lks. wide from SE. Course NW. Thence along

E. bank of ravine

23.73 Top of low spur bears N. 30° W. and S. 20° E. Descend.

35.42 Ravine 30 lks. wide course NW. Ascend

The cor. of secs. 13, 18, 19 and 24.

Land mountainous and broken; drains NW.

Soil rocky and gravelly: 4th rate.

Scattering oak, pine and Manzanita brush

Timber, oak, pine and Pinon.

November 30, 1912.

448:7 - 27 to 32  
(1 sheets)  
Burnham/Warner 1912  
Los Angeles County  
Engineer

Retracement of Portion of E. Bdy. of T. 4 N., R. 10 W., S. B. M.

December 2: At 8h 30m a.m. l.m.t., I set off 34.25' on the

lat. arc 21.56'S. on the decl. arc. and determining

a meridian with the solar at the true point for the

cor. of secs. 19, 24, 25 and 30.

Thence I retrace

South on a random line bet. secs. 25 and 30

Fall 5 lks. W. of 1/2 sec. cor. which is an oak post 4 ins.

square 12 ins above ground firmly set, marked and

witnessed as described by the Surveyor General.

Fall 10 lks. W. of the witness cor. of secs. 25, 30, 31

and 36, which is a pine post 4 ins. square in a mound

of rocks firmly set and marked and witnessed as de-

scribed by the Surveyor General.

This witness cor. is on top of a rocky spur which bears

E and W.

Thence I run

N. 0° 4' W. on a true line bet. secs. 31 and 36.

Descend over steep N. slope covered with slide rock

The true point for cor. of secs. 25, 30, 31 and 36.

I continue N. 0° 4' W. on a true line bet. secs. 25 and 30.

Continue descent over steep E. slope through oak, pine and

manzanita brush. Pinon oak and pinelumber.

Top of spur bears NE. and SW. Descend abruptly over steep

N. slope

Ravine 20 lks. wide course N. 30° E. Ascend.

Top of spur bears NE. and SW. Descend.

Ravine 20 lks wide, course NE. Ascend.

The 1/2 sec. cor. bet. secs. 25 and 30.

Ridge bears NE. and SW. Descend abruptly.

Ravine 40 lks. wide; course N. Thence along ravine,

over large boulders.

Leave ravine 40 lks. wide, course NW. Ascend.

Top of spur bears NE. and SW. Descend over large sand

stone boulders.

85.77 The true point for cor. of secs. 19, 24, 25 and 30, from

which the witness cor. bears N. 0° 6' E. 8.30 chs.

chains