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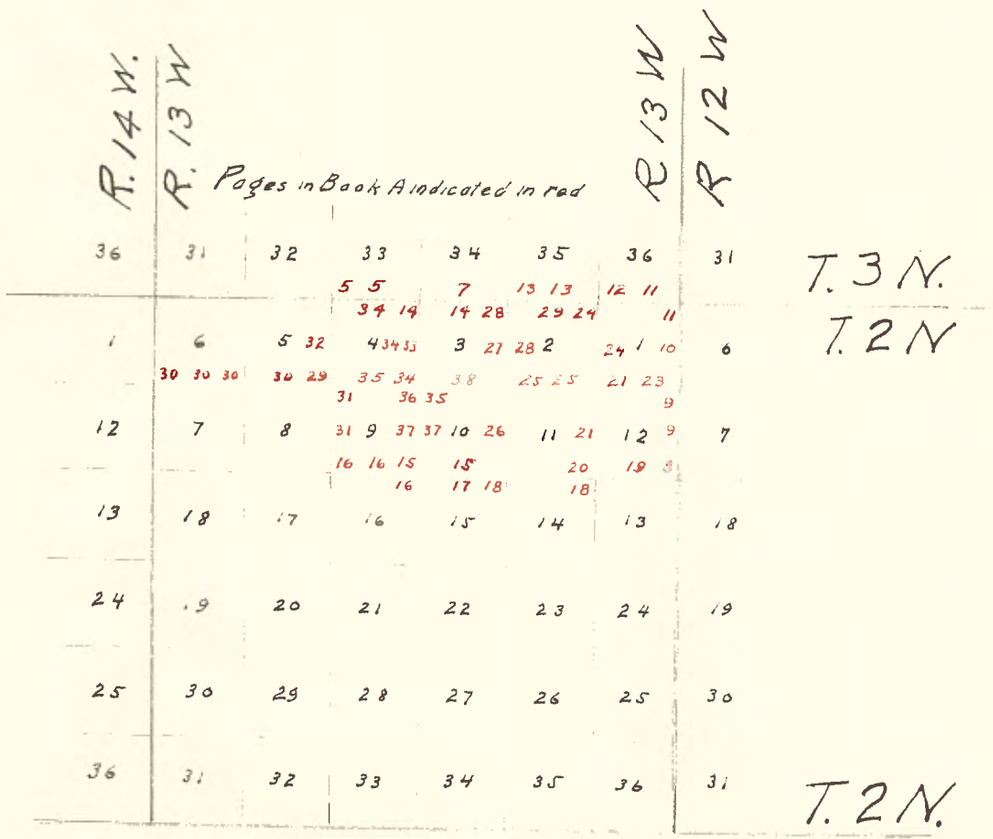
FRANK E. CARTER

OFFICE OF SURVEYOR

FOR CALIFORNIA




Vermilion lines run by William E Heister 1925

DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

Public Survey Office

San Francisco, California.

April 3, 1928.

I, FRANK E. BARKER, Office Cadastral Engineer, do hereby certify that the annexed transcript of the field notes of survey of part of the East Boundary of T. 2 N., R. 13 W., survey and resurvey of part of the south boundary of T. 3. N., R. 13 W. and resurvey and survey of part of the Subidvisions of T. 2 N., R. 13 W. of the San Bernardino Meridian, in the State of California, is a true and literal exemplification of said field notes as they remain on file and of record in this office.

(s) Frank E. Barker
Office Cadastral Engineer,
for California.

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BOOK A.

FIELD NOTES OF THE
SURVEY OF
THE

Resurvey of part of the south boundary of T. 3 N., R. 13 W.

Survey of part of the East Boundary of T. 2 N., R 13 W.

Resurvey and survey of part of the Subdivisions of T 2. N., R. 13 W.

of the San Bernardino Meridian,

In the State of California.

Executed by

William E. Hiester,

U. S.Surveyor.

Resurvey of part of the South Boundary of
T. 3 N., R. 13 W.

Survey commenced June 12, 1925, and executed with Buff and Buff solar transit No. 9977, provided with Smith solar attachment. The horizontal limb is provided with two verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

Preliminary test of solar.

I examine the adjustments of the transit and correct all errors: then to test the solar apparatus by comparing its indications during a.m. and p.m. hours with a true meridian determined by observation on Polaris, I proceed as folows:

June 13, 1925: in camp near the ¼ sec. cor of secs. 4 and 33, Tps. 2 and 3 N.R. 13 W., San Bernardino Meridian, latitude 34° 18'N., longitude 118° 14' 30" W. at 2h.14. a.m., 1 m.t., I observe Polaris at eastern elongation, making two observations, one each with telescope in direct and reversed position, and mark the mean point in the line thus determined, on a peg driven firmly in the ground 5 chs. N.

Azimuth of Polaris at eastern elongation is 1°19'30" at 7h. 30m. a.m. appt. time, I lay off the azimuth of Polaris 1° 19'30" to the west, and mark the meridian thus determined by a tack in a peg driven firmly in the ground, 5 chs. N.

At 8h. 0m. appt. time, I set off 34°18' on the latitude arc. 23°13'N. on the declination arc and determine a meridian with the solar.

At appt. noon, I set off 23°13½' N. on the declination arc and observe the sun upon the meridian. The resulting latitude is 34°18'N.

At 4h. 0m. appt. time, with the latitude are unchanged and a reading of 23°14½' N. on the declination arc, I determine a meridian with the solar.

As all the meridians determined by solar observations

Resurvey of Part of South Boundary of
T. 3 N., R. 13 W.

Chains

during the usual hours of solar work agree within 1' of arc of the meridian, determined by observation on Polaris, I conclude that the adjustments of the instrument are satisfactory, and that the instrument was in satisfactory adjustment during June 12, 1925.

June 13, 1925

All measurements were made on the slope, slope angles were determined by clinometer or transit readings, and the true horizontal equivalents entered in the field notes.

Final Test of Solar.

August 30, 1925: on the meridian established by Polaris observation on June 13, 1925.

At 8h. Om. a.m., appt. time. I set off 34°18' on the latitude arc. 9°03½' N. on the declination arc, and determine a meridian with the solar.

At appt. noon, I set off 8°59½' N. on the declination arc, and observe the sun on the meridian: the resulting latitude is 34°18' N.

At 4h. Om. P.M., appt. time, with the latitude are unchanged, I set off 8°56' N. on the declination arc, and determine a meridian with the solar.

As the meridians determined by solar observations during hours of solar work agree with 1' of arc, of the meridian as determined by Polaris observation, I conclude that the instrument has been maintained in satisfactory adjustment throughout the survey.

August 30, 1925.

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From the witness cor. of secs. 3,4,33 and 34, of Tps. 2 and 3 N. R.13 W.

West on a random line bet. secs. 3 and 34, and 4 and 33.

44.74 Fall 1 lk. S of the ¼ sec. cor. bet. secs. 4 and 33. Thence from cor. W. on a random line bet. sec. 4 and 33

Resurvey of a part of the south boundary of
T. 3 N., R. 13 W.

Chains Fall 1 lk. N. of the true point for cor. of secs. 4,5, 32 and 33, said true point being 7.70 chs. S. 0°01' W. of the witness corner for same, said witness cor. is granite stone 10x8x6 ins. above ground, marked WC on NE. face, with 4 notches on E. edge, and 2 notches on W. edge, with a mound of stone 3 ft. base 3 ft. high W. of corner. Thence from the true point for cor. of sec. 4,5, 32 and 33, N. 89°59' E. on a true line bet. secs. 4 and 33, over mountanious land, through scattering timber and dense undergrowth, ascend SW slope 296 ft.

7.25 Top of spur slopes NW., descend along N. slope 331 ft.

19.17 Head of draw, course N.

21.97 Steep rocky spur, slopes N., descend steep N. E. slope 447 ft.

35.17 Head of draw, course N.

40.17 The ¼ sec. cor. which is an oak post 4 ins. square, marked ¼ S 33 on N. face, and S ¼ on S face, in a mound of stone, alongside of old post, in old mound. Set an iron post 3 ft long, 1 in. diam. 28 ins in the ground, for ¼ sec. cor with brass cap marked ¼ S 33 / S 4

1925

From which a black oak 14 ins. diam. bears N. 15°W. 73 lks. dist Old blace not opened ( Old B. T)

Alder stump 6 ins. dia. bears S. 45°W.115 lks. dist. No marks visable ( Old B.T)

Thence S. 89°59'E. on a true line bet. secs. 4 and 33, over mountanious land, through scattering timber and dense under-growth, ascend NW slope 29 ft.

4.61 Spur, slopes N. descend NE slope 24 ft.

Chains — Resurvey of Part of the South Boundary of T. 3 N., R 13 W.

7.71 Enter Tujunga Canyon, NW. and SE.

8.00 Tujunga Canyon road, bears NE. and SW.

10.01 Tujunga creek, 25 lks. wide, course N. 50°W.

10.61 Stone cabin, bears N. 350 chs. dist.

12.17 Intersect west end of Wildwood Lodge.

13.27 East end of Wildwood Lodge, the residence of Tillman E. Justice, bears S. 50 lks. dist.

17.01 Tujunga canyon road, bears W. and S. E.

17.30 Stone cabin, bears S. 0°21' W. 3 chs. dist.

19.61 Wire fence bears NE. and SW.

21.26 Spring bears N. 37°E. 3 chs. dist.

23.70 Leave Tujunga canyon, course NW. and SE.

24.21 House bears S. 1 ch. dist. ascend steep SW. slope 120 ft.

24.81 Point of spur, slopes S. 45°W. descend SE. slope, 32 ft.

28.21 Draw, 10 lks. wide, course S. 60°W. ascend NW. slope 78 ft.

30.21 Spur slopes S. 60° W. thence along broken S. slope

40.19 Proportionate dist. bet. ¼ sec. cor. of sec. 4 and 33 and W.C. to cor. of secs. 3,4,33 and 34, hereintofore described. The true point for cor. of sec. 3,4,33 and 34 falls in a canyon, course SW. an unsuitable place for permanent cor. Land mountainous, Soil, rocky, 4th rate. Timber, cottonwood, sycamore, willow and oak. Undergrowth, manzanita, white thorn, chemise, mahogany, poison oak and vines.

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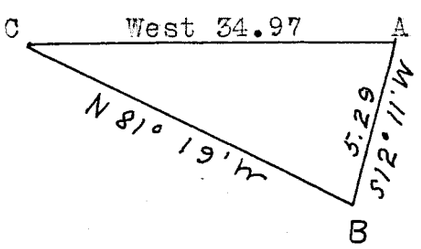
From the witness cor. of secs. 3,4, 33 and 34, the original witness cor. to ¼ sec. cor. bet secs. 3 and 34, in sight, bears east. To avoid excessively steep slopes, I triangulate for distance, between cors. as follows. I designate the original witness cor. to ¼ sec. cor. bet secs. 3 and 34 as point A. from point A. I lay off

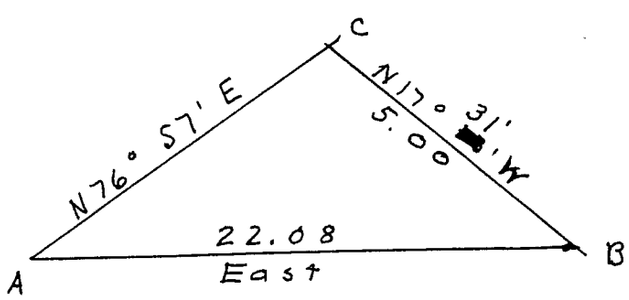
a base S. 12°11'W. 5.29 chs. dist. and set a flag B. I designate the witness cor. of sec. 3,4, 33 and 34, as C. vertical angle from A to C -16°. Brom B. flag at C. bears N. 81°19'W., All angles checked by direct reading of the solar, and all angles checked by deflection.




Distance from A. to C. is 34.97 chs. Thence from the witness cor to ¼ sec. cor. bet secs. 3 and 34. East on a random line, along the S. boundary of T. 3 N., R. 13 W.

40.84 Set temp. cor. of secs. 33 and 34.

70.28 To avoid excessively steep slopes, I triangulate for dist. to opposite side of deep canyon. To make a triangulation across canyon, I designate the above point A. and set a flag B. on the E. side of canyon, also a flag C. on the E. side of the canyon, which point C. bears N. 76°57'E. The base BC, bears N. 17°31' W. 5.00 chs. Vertical angle from A. to B. 7° All angles checked by direct reading, of the solar and all angles checked by deflection.




Distance fro A. to B. = 22.08 chs.

Distance on random line = 70.28 chs.
92.36

92.36 Triangulation point set temp. cor.

120.84 Set temp. cor.

160.84 Set temp cor.

200.84 Set temp. cor. of Tps. 2and 3 N., R. 13 W.

Chains

Survey of part of the East Boundary of
T. 2 N., R. 13 W.

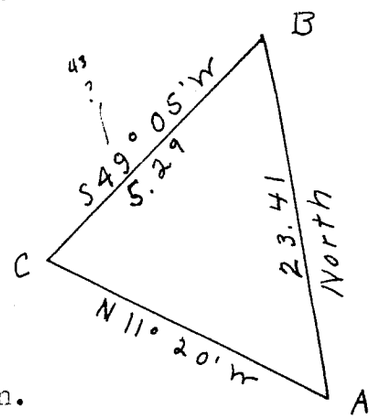
From the true point for cor. of secs. 7, 12, 13 and 18, on the

E. boundary of T. 2 N., R. 13 W. which is 10 lks. W. of the witness cor. of same.

North on a random line along the E. boundary of T. 2 N. R. 13 W. setting temp. corners at intervals of 40.00 chs.

81.09 Fall 74.61 chs. E. of the cor. of secs. 1,2,11 and 12, hereinafter described.

140.87 South rim of Tujunga canyon. To avoid excessively steep slopes, I triangulate across canyon. I designate the above point A. and set a flag B. on the N. side of canyon. Also flag C on N. side of Canyon / From flag A. flag C. bears N. 11°20' W. Flag C. bears S. 49°05'W. 5.29 chs. dist., from flag B. Vertical angle from A. to B. 5° All angles checked by direct reading of the solar, and all angles checked by deflection.




Distance on random line = 140.87
Distance by triangulation = 23.41
164.28

164.28 Triangulation point, on N. rim of canyon.

166.81 Fall 5.42 chs. W. of the temp. cor. of Tps. 2 and 3 N., R. 13. W.

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I return to the true point for cor. of secs. 7,12,13 and 18, on the E. boundary of T. 2 N., R. 13 W., from which true point the witness cor. for same bears E. 10 lks. dist. / said witness cor. is a granite stone 24x20x8 ins. above ground, marked W.C. on W. face, 2 notches on N. edge, and 4 notches on S. edge.

From which A manzanita 6 ins. diam. bears N. 25°W. 40 lks. dist. marked T 2 N R 13 W ( old B.T)

Raise a mound of stone, 4 ft. base, 3 ft. high W. of cor.

Thence, from said true point North on a true line on E. boundary of sec. 12, over mountanious land, through scattering timber and dense undergrowth, ascend steep SW slope 251 ft.

6.70 Fire trail, on spur, slopes SE.

13.50 Forest service fire break, bears E. and W. on main divide of Tujunga canyon and Arroyo Seco; descend steep broken NE. Slope 312 ft.

28.40 Head of draw, 10 lks. wide, course NE. ascend 49 ft.

38.00 Large spur, slopes NE. descend steep N. slope 41 ft.

41.09 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground for ¼ sec. cor. of sec. 12 only, with brass cap marked

S 12 | ¼
1925

Raise a mound of stone, 4 ft. base, 3 ft. high W. of cor.

Descend NW. slope 493 ft.

75.71 Trail bears E. and W.

76.01 Canyon 20 lks. wide, course W., ascend steep SW slope 118 ft.

81.09 At this point, which is 74.61 chs. E. of the cor. of secs 1,2, 11 and 12, hereinafter described. Set an iron post, 3 ft. long 2 ins. diam. 30 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap marked

T2N |
T2N
S I | R12W
S12
R13W |
1925

from which

Survey of Part of the East Boundary of
T. 2 N., R 13 W.

Chains

A white oak 6 ins. diam. bears N. 74° 30' E 17 lks. dist. marked B T only. Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Land, mountanious. Soil, rocky, 4th rate, Timber, fir, oak and sycamore. Undergrowth, white thorn, manzanita, mahogany, chemise, oak, poison oak and vines.

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Thence-North on a true line on E. boundary of sec. 1, over mountanious land, through dense undergrowth; ascend steep SW. slope 236 ft.

6.30 Spur, slopes N. 70° W. descend steep NW. slope 263 ft.

13.50 Ravine, 30 lks. wide, course N. 60 °W., ascend broken SW. slope 544 ft.

29.30 Spur, slopes N. 70°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for ¼ sec. cor. of sec. 1 only with brass cap marked

¼

S 1
1925

From which a manzanita 6 ins. diam. bears. S. 4°15'W. 21 lks. dist. marked ¼ S 1 B T. Raise a mound of stone 4 ft. base, 3 ft. high W. of cor. Descend NW. slope 124 ft.

42.90 Deep canyon, 30 lks. wide, course N.W., ascend SW. slope 212 ft.

51.40 Spur, slopes NW. descend NE. slope 253 ft.

56.30 Canyon, 10 lks. wide, course W., ascend broken SW. slope 205 ft

59.70 Descend approximately 450 ft. into Tujunga Canyon

69.00 (approximately) Tujunga Creek, 10 lks. wide, course W. ascend S. slope of cliffs, 384 ft.

Chains

Survey of Part of East Boundary of
T. 2 N., R 13 W

83.76 Set an iron post, 3 ft. long, 3 ins. diam. 14 ins. in ground, in a mound of stone, 3 ft. base, 1 ft. high, for witness cor. of Ts. 2 and 3 N., R 13 W. with brass cap marked

T3N WC
13W
S36 T3N
R12W
S 1
T2N
1925

Raise a mound of stone, 4 ft. base, 2 ft. high W. of cor.

85.72 True point for cor. of Ts. 2 and 3 N., R 13 W. falls in cliffs, on W. side of Tujunga canyon, a place unsuitable for permanent cor. Land, mountanious, Soil rocky, 4th rate, Timber, none. Undergrowth, manzanita, white thorn, chemise, poison oak and vines.

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Survey Part of the South Boundary of
T. 3 N., R 13 W.

West on a true line on the S. boundary of sec. 36 T. 3 N. R 13 W. over mountanious land, through dense undergrowth, ascend steep E. slope.

1.92 Rim of Tujunga Canyon, NW. and SE.

2.18 Spur ridge, bears NW. and SE., descend broken SW. slope 131 ft.

11.58 Small canyon, 10 lks. wide, course SE., ascend SE. slope 653 ft.

36.89 Spur slopes S. Hansen's lodge bears S. 1°30'W. about 50.00 chs.

38.90 Descend W. slope 50 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground in a mound of stone, 3 ft. base, 1 ft. high for ¼ sec. cor. with brass cap marked

Survey Part of the South Boundary of
T. 3 N., R. 13 W.

S 36
¼--S--¼---
1925

raise a mound of stone 3 ft. base, 1½ ft. high N. of cor.

49.06 Ravine 10 lks. wide, course S. 10°E., ascend NE slope 67 ft.

54.56 Spur slopes SE., descend broken SW. slope 115 ft.

58.06 Draw 5 lks. wide, course SE., ascend NE slope 157 ft.

61.96 Spur, slopes SE., descend steep SW. slope 76 ft.

64.26 Canyon 10 lks. wide, course SE., ascend NE slope 157 ft.

71.56 Spur, slopes NE., descend NW., slope 54 ft.

72.56 Draw, 5 lks, wide, course NE. ascend SE slope 112 ft.

75.94 Spur, ridge bears NW and S., descend SW slope 18 ft.

79.49 Set an iron post, 3 ft. long, 2ins. diam. 28 ins in the ground, for witness cor. of secs. 35 and 36 only, with brass cap marked

T3N | R13W
WC S35 | S36
S.2
T2N.R13W

raise a mound of stone 3 ft. base, 2½ ft. high N. of cor.

80.00 True point for cor. falls in wash, course NW., a place unsuitable for permanent cor. Land mountanious, Soil, rocky, 4th rate. Timber, none. Undergrowth, white thorn, mahogany, manzanita, chemise, poison oak and vines.

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Thence west on a true line on S. boundary of Sec. 35, over mountanious land, through dense undergrowth; descend W. slope 140 ft.

6.48 Dry wash, 15 lks. wide, course S. ascend E. slope 47 ft.

9.08 Spur, slopes S 70°E., descend SW. slope 73 ft.

20.88 Draw, 5 lks. wide, course S. 70°E., ascend NE. slope 57 ft.

Survey of Part of South Boundary of
T. 3 N., R 13 W.

Chains

23.04 Spur slopes SE., descend approximately 350 ft.

33.00 (Approximate) bottom of deep canyon, course S., ascend 350 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground for ¼ sec. cor. of sec. 35 only, with brass cap marked

¼ S 35

1925

Raise a mound of stone 3 ft. base, 2½ ft. high N. of cor. Ascend steep E. slope 106 ft.

45.14 Spur ridge, bears N. and S., descend along broken N. slope 164 ft.

51.38 Spur, slopes NW.

57.18 Draw 5 lks. wide, course NW., ascend broken NE slope 56 ft.

61.68 Spur ridge slopes N 60°W descend broken slope 35 ft.

64.78 Head of large spur, slopes SW., descend broken W. slope 421 ft.

74.68 Draw 5 lks. wide, course S 70°W., descend along broken S. slope 25 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 20 ins. in the ground, in mound of stone, 2 ft. base, 1 ft. high, for cor. of secs. 34 and 35 only, with brass cap marked

T3N R13W
S34 S35

S3

T2N R13W

1925

Raise a mound of stone 4 ft. base, 2 ft. high N. of cor. Land, mountanious, Soil rocky, 4th rate. Timber, none, Undergrowth. manzanita, oak, mahogany, chemise, white thorn, poison oak and vines.

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Chains — Survey and Resurvey of Part of the S. Boundary of T. 3 N., R 13 W.

Thence West on a true line on S. boundary of Sec. 34, over mountanious land, through dense undergrowth, descend SW. slope 261 ft.

2.96 Spur, slopes SW. descend W. slope 341 ft.

6.90 Creek, 2 lks. wide, course SE., ascend SE slope 533 ft.

22.66 Spur, slopes S., descend SW. slope 32 ft.

26.96 Head of draw, course SE., ascend SE. slope 297 ft.

34.58 The true point for ¼ sec. cor of sec. 3 falls on steep E. slope of ridge, a place unsuitable for permanent corner.

35.42 The original witness cor. to ¼ sec. sec. pf secs 3 and 34, which is a granite stone 16x8x6 ins. above ground, marked WC ¼ on S face, with a mound of stone, to the S. This witness cor. is now the witness cor. to ¼ sec. cor of sec. 3 only, of T. 2 N. R 13 W Descend SW slope 45 ft.

40.00 Set an iron post, 3 ft. long, 1 in. dia. 28 ins. in the ground, for ¼ sec. cor of sec. 34 only, with brass cap marked

¼ S 34

1925

Raise a mound of stone 4 ft. base, 3 ft. high N. of cor. Descend SW slope

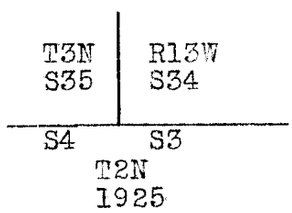
49.90 Deep canyon, course SW ascend SE slope

53.40 Low ridge, slopes SW., descend SW slope

69.80 Draw, course SW., ascend SE. slope

70.39 The original witness cor. of secs. 3,4, 33 and 34, which is a granite stone, 12x8x6 ins. above ground, marked with 3 notches on E edge and 3 notches on W. edge. (marks WC are not visible) supported in a mound of stone. 3 ft. base, 1½ ft. high. Alongside the old cor. in old mound, set an iron post. 3 ft. long, 2 ins. in the ground, for witness cor. to cor. of secs. 3,4, 33 and 34, with brass cap marked,

Survey and Resurvey of Part of the S. Boundary
of T. 3 N., R 13 W.




raise a mound of stone 3 ft. base, 1½ ft. high W. of cor.
Thence N. 89°59'W. on a true line on the south boundary of
sec 34.

4.55 The true point for cor. of secs. 3,4,33 and 34,hereinbefore described. Land mountanious, Soil, rocky, 4th rate, Timber, fir, cottonwood, sycamore, willow and oak. Undergrowth, mahogany, white thorn, chemise, manzanita, poison oak and vines.

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Resurvey of Subdivisions of T. 2 N. R. 13 W.

From the witness cor. of secs. 10,11,14 and 15, N. 88°52' W. on a random line bet. secs. 11 and 14, and 10 and 15.

52.15 Fall 207 lks. S. of the original witness ¼ sec. cor. for secs. 10 and 15.

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Thence from witness cor. N. 88°52'W. on a random line bet. secs. 10 and 15 and 9 and 16.

41.65 Fall 19 lks. S. of the original witness cor. of secs. 9,10, 15 and 16.

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Thence from witness cor. N. 88°52'W. on a random line bet. secs. 9 and 16.

38.93 Fall 77 lks. N. of the original ¼ sec. cor. of secs. 9 and 16.

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Chains Resurvey of Subdivisions of T. 2 N., R 13 W.

Thence from cor. N. 88°52' W. on a random line bet. secs. 9 and 16.

41.03 Fall 81 lks. N. of the original cor. of secs. 8,9,16 and 17, which is a granite stone 16x8x4 ins. above ground, marked 4 notches on E. edge, with a mound of stone, 3 ft. base, 2½ft. high W. of corner. Thence S. 89°50' E. on a true line bet. secs. 9 and 16, over mountanious land, through dense undergrowth; descend S. slope 61 ft.

1.00 Draw, course SW ascend W. slope 461 ft.

17.77 Spur slopes NW. ascend NW. slope 120 ft.

25.77 Spur, slopes SW., descend SE. slope 47 ft.

27.16 Head of draw, course SW., ascend SW. slope 132 ft.

31.96 Spur, slopes SW., descend SE. slope 145 ft.

41.03 The original ¼ sec. cor. of secs. 9 and 16, which is a granite stone 12x12x8 ins. above ground, marked ¼ on N. face, with a mound of stone, 3 ft. base, 2 ft. high N. of cor. Thence S. 89°56' E. on a true line bet. secs. 9 and 16, over mountanious land, through dense undergrowth, ascend along S. slope 65 ft.

13.00 Spur, slopes NW. descend NE. slope 156 ft.

20.50 Deep draw, course NW., ascend steep NW. slope 410 ft.

32.64 Spur slopes SW., descend along broken S. slope 65 ft.

38.68 Trail bears NE and SW

38.93 The original witness cor. of secs. 9,10,15 and 16, which is a granite stone in place, 6x5x4 ft. above ground, marked with a cross (x) as true point on top, with WC, E of cross, with 4 notches on S. and 3 notches on E. face, with a mound of stone, 4 ft. base, 3 ft. high N. of cor. Thence

Chains

S. 89°06' E. on a true line bet. secs. 9 and 16.

3.04 The true point for cor. of secs. 9, 10,15 and 16, determined by single proportion in departure, bet the witness cor. of secs. 9,10,15 and16, and the witness ½ sec. cor. of sec. 10 and 15. This point falls on steep SW.slope, a place unsuitable for a permanent corner. Land, mountanious, Soil rocky, 4th rate. Timber, none. Undergrowth, manzanita, chemise, oak, mahogany, white thorn, poison oak and vines.

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Thence S. 89°06'E. on a true line bet. secs. 10 and 15, over mountanious land, through dense undergrowth; ascend S.W. slope 175 ft.

6.37 Spur slopes, SW., descend SE. slope 205 ft.

14.95 Head of draw, 5 lks. wide, course SW., ascend SW. slope 224 ft.

22.35 Trail. bears NW and SE., also telephone line, bears NW and SE.

22.90 High ridge, bears NW. and SE., divide between Tujunga Canyon and Verdugo, also fire break 50 lks, wide, bears NW and SE.

23.15 Forest Service Lookout Station, bears N. 36°W. 7 chs. dist.

23.50 Descend NE slope 431 ft.

40.42 The true point for ½ sec. cor. of secs. 10 and 15, determined by single proportion in departure between the witness ¼ sec. cor of secs. 10 and 15, and the witness cor. of secs. 10,11,14 and 15, and also record distance in latitude from the witness ½ sec. cor of secs. 10 and 15 (Record course and distance from witness cor. to true point for cor. being N. 79°E. 1.75 chs.)

Chains

Resurvey of Subdivisions of T. 2 N., R. 13 W.

From true point for ¼ sec. cor. the original witness ¼ sec. cor. bears S. 79°40' W. 1.84 chs. dist. Said witness ¼ sec. cor. is a fir, 16 ins. diam. marked ¼ S W C on N. face. From which Dead top fir, 24 ins. diam. bears N. 45°E. 35 lks. dist. no blaze or marks visible. (old B.T.) A fir 24 ins. diam. bears S. 46°E. 85 lks. dist. old blaze not opened. ( old B.T.)

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Thence S. 86°06' E. on a true line bet. secs. 10 and 15, over mountanious land, through dense undergrowth. Descend NE slope 376 ft.

13.00 Spur slopes NE., descend SE slope 270 ft.

25.00 Canyon, 20 lks. wide, course NE., ascend NW. slope 105 ft.

42.11 The true point for cor. of secs. 10,11,14 and 15, determined by single proportion in departure bet, the original witness ¼ sec. cor. of secs. 10 and 15, and the original witness cor. of secs. 10,11,14 and 15, and on line between the true point for ¼ sec. of secs. 10 and 15, and the witness cor. of secs. 10, 11,14 and 15. The true point for cor. of secs. 10,11,14 and 15, falls on steep N.W. slope, a place unsuitable for permanent cor. From true point the witness cor. for same bears S. 86°06' E. 8.35 chs. dist. said witness corner is a granite stone, 6x6x8 ins. above ground, marked WC on N face, 2 notches on E. edge, and 4 notches on S. edge with mound of stone, 3 ft. base, 2 ft. high W. of cor. Land, mountanious, Soil,rocky 4th rate. Timber, fir, sycamore, oak and maple. Undergrowth, manzanita, chemise, oak, mahogany, poison oak and vines.

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From the witness cor. of secs. 11, 12, 13 and 14, S. 88°52' E. on a random line bet. secs.11and 14, 12 and 13.

Chains

Resurvey of Subdivisions of T 2 N., R 13 W

37.07 Fall 5 lks. N. of the ¼ sec. cor. of sec. 12 and 13. Thence from cor. S. 88°52' E. on a random line bet. secs. 12 and 13.

43.34 Fall 100 lks. S. of the true point for cor. of secs. 7,12,13 and 18, on the E. boundary of T. 2 N., R 13 W. which point is 10 lks. W. of the witness cor. for same, said witness cor. being hereinbefore described.

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From the true point for cor. of secs. 7,12,13 and 18, S. 89° 49'W. on a true line bet. secs. 12 and 13, over mountanious land, through dense undergrowth; descend SW slope 455 ft.

15.00 Deep canyon, course S., ascend E. slope 64 ft.

22.90 Ridge N. and S. also center of fire break, 50 lks. wide, descend NW slope 523 ft.

39.85 Wash, 10 lks, wide, course SW. ascend SE. slope 5 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground for ¼ sec. cor. of sec. 12 only, with brass cap marked

¼ S 12

1925

Raise a mound of stone 5 ft. base, 4 ft. high N. of cor.

41.54 Wash 20 lks, wide, course N. 80°W.

43.34 The original ¼ sec. cor. of secs. 12 and 13, which is a granite stone, 12x6x8 ins. above ground, marked ¼ on S face, with a mound of stone 2 ft. base, 1½ ft. high N of cor. This cor. is now the ¼ sec. cor of sec 13 only. I raise a mound of stone, 3 ft. base, 2½ ft. high S. of cor. Thence N. 88°48' W. on a true line bet. secs. 12 and 13, over mountanious land, through dense undergrowth.

1.00 Wash, 10 lks. wide, course NW.

11.27 Draw, 10 lks. wide, course NW. ascend NE slope 105 ft.

13.27 Spur slopes N., descend W. slope 405 ft.

23.37 Draw, 5 lks. wide, course N. ascend NE slope 57 ft.

RESURVEY OF SUBDIVISIONS OF T. 2 N., R 13 W.

25.47 Spur, slopes N., descend NW. slope 63 ft.

32.37 Proportionate dist. bet. the ¼ sec. cor. and witness cor. of secs. 11,12,13 and 14, the true point for cor. of secs. 11,12, 13 and 14. This point falls in wash 10 lks. wide, course N. a place unsuitable for a permanent cor.

37.07 The witness cor. of secs. 11,12,13 and 14, which is a granite stone 6x6x8 ins. above ground, marked WC on N. face, 1 notch on E. edge, and 4 notches on S. edge, with a mound of stone, 3 ft. base, 2 ft. high W. of cor. Land, mountanious. Soil, rocky, 4th rate. Timber, none. Undergrowth, manzanita, chemise, mahogany, white thorn, poison oak and vines.

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From the true point for cor. of secs. 11,12,13 and 14. North on a random line bet. secs. 11 and 12.

33.80 Fall 64 lks. W. of the witness ¼ sec. cor of secs. 11 and 12.

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Thence North, on a random line bet. secs. 11 and 12.

46.48 Fall 28 lks. W. of the point for cor. of secs. 1,2,11 and 12.

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I return to the true point for cor. of secs. 11,12,13 and 14, hereinbefore described. Thence N. 1°05'E. on a true line bet. secs. 11 and 12,over mountanious land, through dense under-growth. Descend NW slope 76 ft.

3.80 Canyon, 10 lks. wide, course NW., ascend broken SW. slope 66 ft.

10.00 Spur slopes W. descend NW slope 65 ft.

Chains Resurvey of Subdivisions of T.2 N., R. 13 W.

12.30 Draw, 5 lks. wide, course W., ascend S. slope 112 ft.

19.70 Spur, slopes W., descend NW slope 114 ft.

21.50 Draw 5 lks. wide, course W., ascend S. slope 267 ft.

28.20 Large spur, slopes S. 80°W., descend N.W. slope 70 ft.

31.60 Draw, 5 lks. wide course SW. ascend S. slope 110 ft.

33.81 The witness ¼ sec. cor. for secs. 11 and 12, which is an iron post, 1 in. diam. 12 ins. above ground, marked ¼ on W. face; WC on N. face, with a mound of stone 3 ft. base, 2½ ft. high W. of cor. This W.C. is now the witness ¼ sec. cor. for sec. 11 only. Thence N. 0°21' E. on a true line bet. secs. 11 and 12. Descend NW slope 243 ft.

6.20 Proportional distance between the witness ¼ sec. cor. and the cor. of secs. 1,2,11 and 12. The true point for ¼ sec. cor. of sec. 11 only, falls on steep NW slope, a place unsuitable for permanent corner.

6.48 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for ¼ sec. cor of sec. 12 only, with brass cap marked

¼
S 12
1925

Raise a mound of stone 3 ft. base, 2½ ft. high E. of cor. Descend N. slope 177 ft.

8.03 Draw, course N. 70°W. ascend SW slope 155 ft.

26.30 Spur slopes N. 70°W. descend steep NW slope 462 ft.

33.20 Bottom of 200 ft. cliff E. and W.

33.30 Tujunga creek, 20 lks. wide, course W.

36.10 Road NE and SW house bears E. 50 lks. dist.

37.30 Osborne Lodge, bears W. 1.00 ch. dist.

38.60 Concrete swimming pool, bears E. 50 lks dist. ascend SE slope 74 ft.

43.50 Short spur, slopes E. descend NE slope 71 ft.

46.48 The true point for cor. of secs. 1,2,11 and 12 determined from the original bearing trees, at said true point, set an iron post 3 ft. long, 2 ins. diam. 24 ins. in

Chains

Resurvey of Subdivisions T. 2 N., R. 13 W.

the ground, for cor. of secs. 1,2,11 and 12, with brass cap marked

| T2N \| R13W |
|---|
| S 2 \| S 1 |
| S11 \| S12 |

1925

from which a live oak 24 ins. diam. bears N. 2°E. 113 lks. dist. with old marks visible S 1 (old B.T.) A live oak 14 ins. diam. bears N. 66°30'W. 110 lks dist. old blaze not opened. (old B.T.) No evidence of other old bearing trees. A poplar 14 ins. diam. bears S. 87°30' E. 284 lks. dist. marked T 2 N R 13 W S 12 B T. No other suitable bearing trees. Corner No. 1 of H.E.S. 84, bears N. 12°57'E. 2.29 chs. dist. said cor. is a granite stone 12x8x12 ins, above ground marked 84 H.E.S. 1. From which a live oak 30 ins. diam. bears S. 22°18' W. 124 lks. dist. marked 1 H E S 84 B T. Land, mountanious. Soil, rocky, 4th rate. Timber, poplar, fir, sycamore, oak. Undergrowth, manzanita, chemise, mahogany, white thorn, poison oak and vines.

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Survey of Subdivisions of T 2 N. R 13 W.

From the cor. of secs. 1,2,11 and 12. East on a true line bet. secs. 1 and 12, (random line previously run) over mountanious land, through dense undergrowth.

2.60 Road bears N. 45°E. and S. 45°W.

3.57 Intersect line 10-1 of Homestead Entry Survey No. 84, 3.78 chs. S. 53°50' E. of cor. No. 1, hereinbefore described.

Survey of Subdivisions of T. 2 N. R 13 W.

| Chains | |
|---|---|
| 3.80 | Tujunga Creek, 30 lks. wide, course S. |
| 4.90 | Leave Tujunga Canyon, N. and SW ascend NW slope 147 ft. |
| 10.67 | Intersect line 9-10 of homestead entry survey No. 84,4.57 chs. N. 59°41' E. of cor. No. 10, which is a granite stone, 10x10x12 ins. above ground, marked 10 H E S 84 with a mound of stone, 5 ft. base, 2 ft. high NW of cor. |
| 11.00 | Spur slopes N. thence along broken N. slope |
| 18.20 | Creek, 10 lks. wide, course N. also Falls 75 ft. high. |
| 21.20 | Draw 5 lks. wide, course N. 30°W ascend NW slope 1.79 ft. |
| 30.00 | House bears N 2,00 chs. dist. |
| 34.61 | Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground for ¼ sec. cor with brass cap marked |

¼ S 1

S12
1925

From which a live oak 14 ins. diam. bears S. 69°45'E.31 lks. dist. marked ¼ S 12 B T. A live oak 6 ins. diam. bears N. 32°15'W. 22 lks. dist. marked ¼ S 1 B T. Descend 25 ft.

| | |
|---|---|
| 35.20 | Draw, course N., ascend NW. slope 106 ft. |
| 44.20 | Spur, slopes NW., descend steep NE slope 23 ft. |
| 46.20 | Trail bears NW and SE |
| 46.70 | Telephone line bears NW and SE |
| 46.80 | Creek, 8 lks. wide, course NW ascend SW slope 333 ft. |
| 51.30 | Bottom of cliffs, 80 ft. high |
| 70.20 | Spur slopes SE |
| 74.61 | The cor. of secs. 1 and 12, on E. boundary of T 2 N., R 13 W. hereinbefore described. Land, mountanious, Soil, Rocky, 4th rate. Timber, fir, oak and sycamore. Undergrowth, manzanita, chemise, white thorn, willow. |

Chains

Survey of Subdivisions T 2 N., R 13. W.

mahogany, poison oak and vines.

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From the cor. of secs. 1,2,11 and 12 N. 0°01'W. on a true line bet. secs. 1 and 2, over mountanious land, through dense undergrowth. Ascend SE slope 105 ft.

6.30 Sharp spur, slopes SE., thence along broken SE slope

11.90 Small draw, course SE ascend steep broken SE. slope 655 ft.

28.60 Large spur, slopes SE., descend NE. slope 98 ft.

32.30 Head of draw, course S. 70°E., ascend SE. slope 54 ft.

33.00 Spur slopes S. 70°E. descend steep NE slope 120 ft.

39.00 Draw, 5 lks. wide course E., ascend S. slope 50 ft.

40.00 Set an iron post, 3 ft. long, 1 in. dia. 28 ins. in the ground, for ¼ sec. cor. with brass cap marked

¼

S 2 S 1

1925

Raise a mound of stone, 3 ft. base, 3 ft. high W. of cor. ascend steep S. slope 85 ft.

41.80 Spur slopes S. 70°E. descend NE slope 229 ft.

61.00 Deep canyon, course SE., ascend broken SW slope 476 ft.

82.25 Spur, slopes W. descend NW slope 105 ft.

84.80 **Draw 5 lks. wide, course NE. ascend SE slope 20 ft.**

85.85 Intersect the S. boundary of sec. 36, of T. 3 N., R 13 W.

5.44 chs. east of the point for cor. of secs. 35 and 36, hereinbefore described. Set an iron post 3 ft. long, 2 ins. diam. 26 ins. in the ground, for closing cor. of secs. 1 and 2 with brass cap marked

T3N | R13
S36
C C

S2 | S1
T2N | R13W
1925

Raise a mound of stone 3 ft. base, 2½ ft. high S. of cor. Land mountanious. Soil, rocky, 4th rate.

Chains

Survey of Subdivisions of T. 2 N., R 13 W.

Timber, none. Undergrowth, manzanita, chemise, mahogany, white thorn, poison oak and vines.

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Resurvey of Subdivisions of T. 2 N., R 13 W.

From the cor. of secs. 1,2,11 and 12 N. 88° 52' W. on a random line bet. secs. 2 and 11.

40.03 Fall 11 lks. S. of the ¼ sec. cor. of secs. 2 and 11. Thence from corner. N. 88°52' W. on a random line bet. secs. 2 and 11

40.16 Fall 8 lks. N. of the cor. of secs. 2,3,10 and 11.

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I return to the cor. of secs. 1,2,11 and 12 Thence N. 88° 44' W. on a true line bet. secs. 2 and 11, over mountanious land, through dense undergrowth; ascend E. slope 319 ft.

14.80 Spur slopes, SE., descend SW slope 31 ft.

19.14 Point of sharp spur. slopes S., descend SW. slope 175 ft.

20.50 Canyon, course SE., ascend SE slope 183 ft.

40.03 The ¼ sec. cor. of secs. 2 and 11, which is an iron post 1 in. diam. 12 ins. above ground, marked ¼ on N. side; from which a manzanita 5 ins. diam. bears S. 85°E. 30 lks. dist. marked ¼ S. 11 B t ( old B T) A manzanita 4 ins. diam. bears N. 49°E. 28 lks dist. marked ¼ S 2 B T ( old B T) Thence N. 88°59'W. on a true line bet. secs. 2 and 11, over mountainous land, through dense undergrowth.

13.65 Spur slopes NW., descend broken SW. slope 555 ft.

40.16 The cor. of secs. 2,3,10 and 11, which is a granite stone 8x8x12 ins, above ground, marked with 5 notches on S. edge, and 2 notches on E. edge, with a mound of stone 3 ft. base, 2 ft. high W. of cor.

Chains Resurvey of Subdivisions T.2 N., R 13 W.

Land, mountainous. Soil, rocky, 4th rate. Timber,none. Undergrowth, chemise, manzanita, mahogany, poison oak and vines.

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Thence South on a random line, bet. sec. 10 and 11.

36.00 Fall 12 lks. W. of the witness ¼ sec. cor. of sec. 10 and 11. Thence from corner. south on a random line bet. secs. 10 and 11.

44.14 Fall 29 lks. E. of the true point for cor. of secs. 10,11, 14, and 15, said true point being 8.35 chs. N. 86°06'W. of the witness cor. for same herein before described.

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Thence from true point for corner N. 0°22' E. on a true line bet. secs. 10 and 11, over mountainous land, through dense undergrowth; descend NW slope 365 ft.

9.00 Creek 4 lks. wide, course NE thence along broken E. slope

40.37 True point for ¼ sec. cor of secs. 10 and 11, proportional distance between the point for cor. of sec. 10,11,14 and 15 and witness ¼ sec. cor of secs. 10 and 11. The true point for ¼ sec. cor. of secs. 10 and 11, falls on steep NE slope a place unsuitable for permanent cor.

44.14 The witness ¼ sec. cor. of secs. 10 and 11, which is a granite rock in place, 3x3 ft x 12 ins. above ground, marked ¼ on W. face, W.C. on S. face, (X) on top of stone, with a mound of stone, 4 ft. base, 3 ft. high W. of Cor. Thence N. 0°11' W. on a true line bet. secs. 10 and 11, over

Chains

Resurvey of Subdivisions of T. 2 N., R. 13 W.

mountainous land, through dense undergrowth; descend NE slope 744 ft.

5.00 Thence descend N. slope

23.00 Tujunga Creek, 20 lks. wide, course W., thence over level land.

27.78 Wire fence, bears E. and W.

27.90 Tujunga Canyon road, bears E. and W.

28.00 Wire fence, bears E. and W.

29.60 Private road, bears NW and SE

30.34 Telephone line, bears NW and SE

36.00 The cor. of secs. 2,3,10 and 11, hereinbefore described. Land, mountainous, Soil rocky, 4th rate. Timber, scattering oak, fir, maple cottonwood and sycamore. Undergrowth, manzanita, chemise, oak, mhogany, white thorn, poison oak and vines.

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Resurvey and Survey of Subdivisions T 2 N. R. 13 W.

Thence North on a random line bet. secs. 2 and 3.

35.85 Fall 20 lks. W. of the witness ¼ sec. cor. of secs. 2 and 3. I return to the cor. of secs. 2,3,10 and 11. Thence N. 0°19' E. on a true line bet. secs. 2 and 3, over mountainous land, through dense undergrowth, Ascend S. slope 18 ft.

.80 Wire fence, bears E. and W.

1.60 House, bears W. 160 lks dist.

4.50 Wash. 30 lks. wide, 15 ft. deep, course W. ascend steep SE slope 74 ft.

8.30 Spur slopes SW., descend NW. slope 106 ft.

12.00 Draw, course SW. ascend steep, broken SW. slope 407 ft.

35.85 The original witness ¼ sec. cor of secs.2 and 3, which

Chains

Resurvey and survey of Subdivisions T. 2 N.R.13 W.

is a granite stone, 8x8x5 ins. above ground, marked ¼ on W. face, W.C. on N. face, with a mound of stone 2½ ft. base 2 ft. high, W. of cor. Thence N. 0°01' W. on a true line bet. secs. 2 and 3.

4.32 True point for ¼ sec. cor. falls on steep NW. slope, a place unsuitable for permanat corner.

6.77 Wash 10 lks. wide, course S.W. ascend SE slope 150 ft.

11.07 Spur ridge, slopes SW. descend NW slope.

14.92 Wash 10 lks. wide, course W. ascend SW. slope 165 ft.

21.52 Spur slopes, S. 45° W. descend steep NW slope 72 ft.

24.62 Head of draw, course SW. ascend steep SE slope 121 ft.

28.92 Spur, slopes SW. descend steep NW. slope 335 ft.

45.72 Deep wash, 20 lks. wide, course SW ascend steep SW. slope 130 ft.

48.18 Intersect the S. boundary of sec. 35, of T. 3 N., R. 13 W. 5.54 chs. E. of the cor. of secs. 34 and 35, hereinbefore described. At intersection set an iron post, 3 ft. long 2 ins. diam. 20 ins. in the ground, in a mound of stone, 2 ft. Base, 1 ft. high, for closing cor. of secs. 2 and 3. with brass cap marked

T3N R13W
S35

C C
S3 S2
T2N R13W
1925

Raise a mound of stone 3 ft. base, 2½ ft. high S. of cor. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, manzanita, chemise, mahogany, white thorn, poison oak and vines.

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The true point for ¼ sec. cor. on the N. boundary of sec. 2 midway between the closing corner of secs. 1 and 2 and the closing corner of secs. 2 and 3 is 5.49 chs. E. of the ¼ sec. cor. on S. boundary of sec. 35, T.3 N. R. 13 W.

Chains

Resurvey and Survey of Subdivisions T. 2 N., R. 13 W.

and falls on steep slope, an unsuitable place for permanent corner. At a point 9.41 chs. E. of said true point for ¼ sec. cor. of sec. 2, set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for witness ¼ sec. cor of sec. 2 only, with brass cap marked

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WC ¼ S 2

1925

Raise a mound of stone 3 ft. base, 2 ft. high S. of cor.

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Resurvey of Subdivisions of T. 2 N., R 13 W.

From the true point for cor. of secs. 4, 5,32 and 33, the witness cor. for same hereinbefore described being N. 0°01'E. 7.70 chs. dist. South on a random line bet. secs. 4 and 5.

41.25 Find no trace of ¼ sec. cor. set temp. cor.

81.25 Find no trace of cor. for secs. 4,5,8 and 9. Set temp. cor.

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Thence East on a random line bet. secs. 4 and 9.

40.00 Find no trace of ¼ sec. cor. set temp. cor. thence south, on a random line, through center of sec. 9.

40.00 Find no trace of center ¼ sec. cor. of sec. 9. Thence west on a random line, through the center of sec. 9.

40.00 Find no evidence of the ¼ sec. cor. thence south on a random line bet. secs. 8 and 9.

38.95 Fall 5.37 chs. E. of the cor. of secs. 8,9,16 and 17.

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From the temp. cor. of secs. 4,5,8 and 9. West on a random line bet. secs. 5 and 8.

Chains

Resurvey of Subdivisions of T. 2 N. R. 13 W.

40.00 No trace of ¼ sec. cor. set temp. cor.

80.00 No trace of the cor. of secs. 5,6,7 and 8. Set temp. cor.

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Thence West, on a random line bet. secs. 6 and 7.

40.00 No trace of ¼ sec. cor. set temp. cor.

81.25 Fall 4.04 chs. S. of the cor. of secs. 1,6,7, and 12, on W. boundary of T. 2 N.,R 13 W., which is a gas pipe 1 in diam, 2½ ft. above ground, with old decayed and burnt post alongside, in a mound of stone, 3 ft. base, 2 ft. high. Alongside of old post, set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for cor. of secs. 1,6,7 and 12, with brass cap marked

T2N
R14 W | R13 W
S 1 | S 6
S12 | S7
1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

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From the cor. of secs. 8,9,16 and 17, hereinbefore described. N. 2°17'E. on a true line bet. secs. 8 and 9, over mountainous land, through dense undergrowth; ascend steep S.E. slope 22 ft.

.50 Spur, slopes SW., descend NW slope 60 ft.

2.90 Head of draw, 5 lks. wide, course SW., ascend SW. slope 55 ft.

4.50 Spur slopes SW. descend NW slope 96 ft.

8.00 Head of draw, 5 lks. wide course SW., ascend SW. slope 60 ft.

11.60 Spur slopes N. 60°W. descend steep N. slope 305 ft.

20.59 Concrete reservoir 5x5x4 ft. bears N. 86°30' E. 123 lks. dist.

21.70 Main's canyon, wash 35 lks. wide, course SW. ascend S. slope 52 ft.

Chains

Resurvey of Subdivisions T 2 N., R 13 W.

24.00 Spur slopes SW. descend NW. slope 51 ft.

27.00 Canyon 10 lks. wide, course S.W., ascend SE. slope on west side of canyon.

39.77 Set an Iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for ¼ sec. cor. with brass cap marked

¼

S 8 S9

1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. Ascend steep S. slope 435 ft.

56.00 High ridge bears NE. and NW. descend along broken W. slope 175 ft.

75.00 Spur slopes W., descend NW slope 55 ft.

78.75 Draw, course NW., ascend S. slope 28 ft.

79.54 Proportionate distance in latitude, bet. the cor. of secs. 8,9,16 and 17, and the point for cor. of secs. 4,5,32 and 33, on N. boundary Tp. and record distance in departure from the cor of secs. 1,6,7 and 12, on W. boundary of township. Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground, for cor. of secs. 4,5,8 and 9, with brass cap marked

T2N R13W
S 5 S 4
S 8 S 9
1925

From which A black oak 10 ins. diam. bears S. 9°30' E. 214 lks. dist. marked T 2 N R 13 W S 9 B T. A black oak 12 ins. diam. bears S. 7°30W. 250 lks. dist. marked T 2 N R 13 W S 8 B T. Raise a mound of stone 3 ft. base, 2½ ft. high W. of cor. Land, mountanious. Soil, rocky, 4th rate. Timber oak and fir.

Chains

Resurvey of subdivisions of T. 2 N., R. 13 W.

Undergrowth, manzanita, chemise, white thorn, mahogany, poison oak and vines.

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Thence N. 1°34'E. on a true line, bet. secs. 4 and 5, over mountainous land, through scattering timber and dense undergrowth. Ascend steep S.W. slope 102 ft.

16.37 High ridge bears NW and SE., descend NE slope 339 ft.

28.20 Draw, course NE., ascend SE slope 151 ft.

32.80 Sour slopes N. 80°E. descend NE slope 165 Ft.

39.75 Proportionate distance; true point for ¼ sec. cor falls on steep NE slope of decomposed granite, slides, a place not suitable for permanent corner.

43.59 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for witness cor. to the ¼ sec. cor. with brass cap marked

¼

S 5 S 4

WC

1925

from which a fir 16 ins. diam. bears N. 54°15' E. 55 lks. dist. marked W C ¼ S 4 B T. No other trees available. Raise a mound of stone, 3 ft. base, 2½ ft. high W. of cor. Descend steep NE slope of decomposed granite cliffs 368 ft.

58.46 Forks of two washes, 100 lks. wide, course N., from S E and SW., descend down wash 65 ft.

73.46 Leave wash, course NW ascend SW slope 126 ft.

77.26 Dry wash 50 lks. wide, course NW

80.75 The true point for cor. of secs. 4,5, 32 and 33, hereinbefore described.

Land, mountainous.

Chains Resurvey of Subdivisions of T. 2 N., R. 13 W.

Soil, rocky, 4th rate. Timber, scattering fir, oak and sycamore. Undergrowth, manzanita, chemise, white thorn, mahogany, poison oak and vines.

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Resurvey and Survey of Subdivisions of T. 2 N. R. 13 W.

From the true point for cor. of sec. 3,4,33 and 34, on the north boundary of T. 2 N., R. 13 W. South on a random line bet. secs. 3 and 4.

39.80 Fall 17 lks. W. of the witness ¼ s ec. cor. of secs. 3 and 4. Thence from corner. S. 0°2'E. on a random line, bet. secs. 3 and 4.

40.96 Fall 82.51 chs. E. of the cor. of secs. 4,5,8 and 9.

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I return to the true point for cor. of secs. 3,4,33 and 34, on the N. boundary of T. 2 N., R. 13 W. hereinbefore described. Thence S. 0°15'E. on a true line bet. sec. 3 and 4, over mountainous land, through dense undergrowth ascend steep NW slope 61 ft.

1.10 Spur, slopes SW. descend SW slope 298 ft.

15.40 Enter Tujunga Canyon, E and W

16.20 Tujunga road, bears E. and W.

20.20 Tujunga creek, 40 lks. wide, course W., ascend steep slope 64 ft.

22.30 Top of high bank, S. side of Tujunga Creek, ascend N. slope gradually 134 ft.

31.00 Dry wash, 2.00 chs. wide, course N. 25°E.

39.80 The witness ¼ sec. cor. of secs. 3 and 4, which is a granite stone, in place, 20x20x12 ins. above ground, marked WC on S. face ¼ S. on W. face. This witness cor. is now the witness cor. to ¼ sec. cor. of sec. 3 only.

Chains Resurvey and Survey of Subdivisions of T. 2 N. R. 13 W.

From which a black oak 18 ins. diam. bears S. 75°E. 106 lks. dist. with original marks, S. 3, visible ( old BT) A black oak stump 8 ins. diam. bears S. 63°30'W. 402 lks. dist. old marks W.C. visible ( old B T ) Thence S. 0°02'E. on a true line bet. secs. 3 and 4.

1.20 Proportionate distance based on a theoretical length of the E. boundary of sec. 4, of 81.25 chs. (the E. boundary) Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, in a mound of stone, 2 ft. base, 1 ft. high for ¼ sec. cor. of sec. 4 only with brass cap marked

¼

S4

1925

Raise a mound of stone 4 ft. base, 3 ft. high, W. of cor.

4.00 True point for ¼ sec. cor of sec. 3 only, fall s in rocky wash, course NW. unsuitable for permanent corner/ Ascend NE slope 900 ft. through dense undergrowth.

14.00 Ascend N. slope gradually, along bottom of draw.

31.00 Spur. slopes NE., descend SE slope 23 ft.

36.04 Draw, course E., ascend along broken E. slope 66 ft.

40.96 Set an iron post, 3 ft. along, 2 ins. diam. 12 ins. in the ground, on a ledge in a mound of stone, 5 ft. base, 2 ft. high for cor. of sec. 4 only, with brass cap marked

T2N

R13W

S4

S3

1925

from which a fir 22 ins. diam. bears N. 4°45'W. 18 lks. dist. marked T 2 N R 13 W S 4 B T A fir 14 ins. diam. bears N. 57°W. 118 lks dist. marked T 2 N R 13 W S 4 B T. Land, mountainous Soil, rocky, 4th rate.

Chains

Resurvey and Survey of Subdivisions of T. 2 N. R. 13 W.

Timber, fir, oak and sycamore . Undergrowth, manzanita, chemise, mahogany, white thorn, poison oak and vines.

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Thence West, on a true line on the S. boundary of sec. 4 over mountainous land, through dense undergrowth; ascend E. slope 167 ft.

2.37 Fall 79.83 chs. N. 0°02'W. of the true point for cor. of secs. 9,10,15 and 16. Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for cor. of secs. 3 and 9, with brass cap marked

S 4

S9 S3

T 2 N R 13 W

1925

from which a fir 30 ins. diam. bears S. 1°30'E. 46 lks. dist. marked T 2 N R 13 W S 3 B T. A black oak 18 ins. diam. bears S. 53°W.110 lks. dist. marked T 2 N R 13 W S 9 B T.

Ascend E. slope 234 ft.

7.13 Spur, slopes NE

9.30 Head of draw, course NE.

11.20 Large spur. slopes NE. descend NW slope 250 ft.

31.73 Deep canyon, course NE., ascend steep E. slope 514 ft.

40.23 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground for witness ¼ sec. cor. with brass cap marked

S 4

W C ¼

S 9

1925

Raise a mound of stone 3 ft. base, 2½ ft. high N. of cor.

Ascend steep NE slope 298 ft.

42.51 The true point for ¼ sec. cor. falls on steep NE slope of decomposed granite cliffs, a place unsuitable for a

Chains

Resurvey and Survey of Subdivision T. 2 N. R. 13 W.

permanent corner.

52.80 Spur, slopes N., descend steep NW. slope 298 ft.

59.81 Wash, in deep canyon, 10 lks. wide, course NW., ascend steep NE slope.

76.60 Ridge bears N. and S., descend steep SW. slope 127 ft.

82.51 The cor. of secs. 4,5,8 and 9, hereinbefore described. Land, mountainous, Soil, rocky, 4th rate. Timber, fir, oak and sycamore. Undergrowth, manzanita, chemise, white thorn, poison oak and vines.

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From the cor. of secs. 2,3,10 and 11, west on a random line bet. secs. 3 and 10.

21.99 Fall 20 lks. S. of the witness ¼ sec. cor of secs. 3 and 10.

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Thence from cor. West on a random line bet. secs. 3 and 10.

60.45 Fall 3.22 chs. S. of the cor. of secs. 3 and 9, on the S. boundary of sec. 4, Set temp. cor.

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Survey of Subdivisions of T. 2 N., R. 13 W.

From the cor. of secs. 3 and 9, on the S. boundary of Sec. 4 S. 0°02' E. on a true line, along the E. boundary of sec. 9, over mountainous land, through scattering timber and dense undergrowth. Ascend NE slope 68 ft.

2.60 Spur. slopes E., descend broken SE slope 8 ft.

3.22 The temp. cor. of secs. 3 and 10, 60.45 chs. W. of the witness ¼ sec. cor. of secs. 3 and 10. Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for cor. of secs. 3 and 10 with brass cap marked

Chains Survey of Subdivision of T. 2 N. R 13 W.

marked

T 2N
S3

S9

S 10
R 13 W
1925

from which a fir 18 ins. diam. bears N. 26°30' E. 98 lks. dist. marked T 2 N R 13 W S 3 B T. A fir 36 ins. diam. bears S. 32°E. 97 lks. dist. marked T 2 N R 13 W S 10 B T. Descend along broken E. slope 36 ft.

4.50 Deep wash, 20 lks. wide, course NE., ascend NW slope.

9.50 Spur slopes NW., descend along SW. slope 58 ft.

25.30 Deep wash, 20 lks. wide, course N. 35°W., ascend NE slope 555 ft.

39.92 Set an iron post, 3 ft. long, 1 in diam. 30 ins. in the ground for ¼ sec. cor. sec. 9 only, with brass cap marked

¼

S 9
1925

Raise a mound of stone 4 ft. base, 3 ft. high W. of cor. Ascend along NE slope 15 ft.

42.30 Proportionate distance based on a theoretical length of the west boundary, of sec. 10 of 78.42 chaings. Set an iron post 3 ft. long, 1 in. diam. 14 ins. in the ground, in a mound of stone, 3 ft. base, 1½ ft. high for ¼ sec. cor of sec. 10 only with brass cap marked

¼
S10

1925

from which a fir 30 ins. diam. bears N 25°30' E. 234 lks. dist. marked ¼ S. 10 B.T. No other tree available. Raise a mound of stone 3 ft. base, 2 ft. high E. of cor.

Ascend NE slope

Chains

Survey of Subidvision T. 2 N., R. 13 W.

45.10 Draw, course NE., ascend N. slope 837 ft.

67.80 High ridge, Mt. Lukens bears E. and W. also center of fire break, 10 lks wide, bears E. and W.

68.40 Trail, bears E. and W. descend SW. slope 306 ft.

79.83 The true point for cor. of secs. 9,10,15 and 16, hereinbefore described. Land mountainous. Soil, rocky 4th rate. Timber, fir and oak. Undergrowth, white thorn, manzanita, chemise, mahogany, poison oak and vines.

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Resurvey and survey of Subdivisions T. 2 N. R. 13 W.

From the cor. of secs. 2,3,10 and 11. N. 89°28'W. on a true line bet. sec. 3 and 10, over mountainous land, through dense undergrowth.

3.45 Tujunga Creek, 50 lks. wide, course N.

5.40 Road bears N. and S., ascend along broken NE slope 400 ft.

21.99 The witness cor. to the ¼ sec. cor. of sec. 3 and 10, which is a granite stone 8x10x10 ins. above ground, marked ¼ S on N. face; W.C. on W. face, with a mound of stone 3 ft. base, 3 ft. high N. of cor. Thence West on a true line bet. secs. 3 and 10. Descend W. slope of cliffs and slides, 59 ft.

4.14 Creek 6 lks. wide, course N. 30°E., ascend NE slope 570 ft.

18.20 The true point for ¼ sec. cor. of secs. 3 and 10 falls on steep NE slope of slides, unsuitable place for permanent corner. Ascend steep NE slope 346 ft. through dense undergrowth.

30.70 Spur slopes N. 30°E., descend steep NW slope 80 ft.

33.30 Head of draw, course N., ascend NE slope 115 ft.

50.60 Spur slopes N. 30°E., descend NW slope 207 ft.

Chains

Resurvey and Survey of Subdivisions T2N., R13W.

56.00 Deep rocky canyon, course N., ascend steep E. slope 321 ft.

60.45 The cor. of secs. 3 and 10, on the E. boundary of sec. 9, hereinbefore described.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, scattering fir, oak and sycamore.

Undergrowth, manzanita, chemise, mahogany, white thorn, poison oak and vines.

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LATITUDES DEPARTURES AND CLOSING ERRORS

| Line designated. | True bearing. | Distance. | Latitudes N. Chs. | Latitudes S. Chs. | Departures E. Chs. | Departures W. Chs. |
|---|---|---|---|---|---|---|
| N. bdy. Tp. | N.89°59'E. | 40.17 | .01 | | 40.17 | |
| " " | S.89°59'E. | 44.74 | | .01 | 44.74 | |
| " " | East | 230.39 | | | 230.39 | |
| E. " " | South | 166.81 | | 166.81 | | |
| S. " sec.12 | S.89°49'W. | 43.34 | | .14 | | 43.34 |
| " " " | N.88°48'W. | 32.37 | .68 | | | 32.36 |
| W. " sec.12 | N.1°05'E. | 33.81 | 33.80 | | .64 | |
| " " " | N.0°21'E. | 46.48 | 46.48 | | .28 | |
| S. " " 2 | N.88°44'W. | 40.03 | .89 | | | 40.03 |
| " " " | N.88°59'W. | 40.16 | .71 | | | 40.15 |
| E. " " 10 | S.0°11'E. | 36.00 | | 36.00 | .12 | |
| " " " " | S.0°22'W. | 44.14 | | 44.14 | | .28 |
| S. " sec. 9 & 10 | -N.86°06'W. | 42.11 | 2.86 | | | 42.01 |
| " " " " " | N.89°06'W. | 43.46 | .68 | | | 43.46 |
| " " " " " | N.89°56'W. | 38.93 | .05 | | | 38.93 |
| " " " " " | N.89°50'W. | 41.03 | .12 | | | 41.03 |
| W. " sec.9 | N.2°17'E. | 79.54 | 79.48 | | 3.17 | |
| " " sec.4 | N.1°34'E. | 80.75 | 80.72 | | 2.21 | |
| Convergency | | | | | 0.10 | |
| | | | 246.48 | 247.10 | 321.82 | 321.59 |
| | | | | 246.48 | 321.59 | |
| | | Error in latit. | | .62 | | |
| | | " " Dept. | | | .23 | |

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GENERAL DESCRIPTION.

Sections, 1,2,3,4,9,10,11,12, are mountainous with steep slopes of decomposed granite cliffs. The timber is scattering within these sections, the mountains are mostly covered with dense undergrowth of manzanita, chemise, oak, mahogany and white thorn.
The only agricultural land lies in Big Tujunga Canyon, which traverses from the NE. cor. of sec. 1, through sec. 2 and 3, leaving the township near the ¼ sec. cor of secs. 4 and 33.
There are several cottages located throughout the canyon as summer homes..
Hansen's Lodge is located near the center of sec. 1, with cottages and swimming pool. Wildwood Lodge is located in sec. 4 and 33, which has several cottages. At the present the land is not used as agricultural land.
There are no indications of mineral.

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Due to precipitous slopes, the bluffs of decomposed granite, and dense brush of manzanita, chemise, oak, mahogany and white thorn, the portion of T. 2 N., R. 13 W. left unsurveyed is considered unsurveyable. All lines necessary to take care of the settlers have been run.

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## FIELD ASSISTANTS.

| Names | Capacity |
|---|---|
| Walter Thomas | 1st Chainmen |
| John L. Peters | 2nd Chainmen |
| James MacDougal | 2nd Chainman and Axmen |
| George Moore | Flagman |
| Jake Seiterle | Axman |
| Walter K. Seavey | Flagman |
| Clifford C.Connaway | Axman |
| Willard Murdock | Axman |
| Rubie Steele | Axman |
| Charles B.Beeson | Axman |

CERTIFICATE OF UNITED STATES SURVEYOR

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Survey General for California bearing date of the 10th day of June 1924, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the U. S. surveyed and resurveyed part of the S. bdy. of T. 3 N. R. 13 W. surveyed part of the E. bdy of T. 2 N., R. 13 W. and surveyed and resurveyed part of the Subdivisions of T. 2 N., R. 13 W. of the San Bernardino Meridian in the State of California, which are represented in the foregoing field notes and index diagram, page 1, as having been executed by me, and under my direction and on dates shown on said diagram and that all the corners of said survey and resurvey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for California. and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and resurvey.

William E. Hiester
U. S. Surveyor

San Francisco, Calif.
April 16, 1926.

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APPROVAL.

Office of ----U. S. Supervisor of Surveys
Denver, Colorado, June 9, 1926.

The foregoing field notes of the survey and resurvey of part of the S. bdy. of T. 3 N., R. 13 W. survey of part of the E. bdy. of T. 2 N. R. 13W and resurvey and survey of part of the Subdivisions of T. 2 N., R. 13W of the San Bernardino Meridian in the state of California.
Executed by William E. Hiester, U. S. Surveyor, under his special instructions dated June 10,1924, having been critically examined and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

Frank M. Johnson
U.S. Supervisor of Surveys