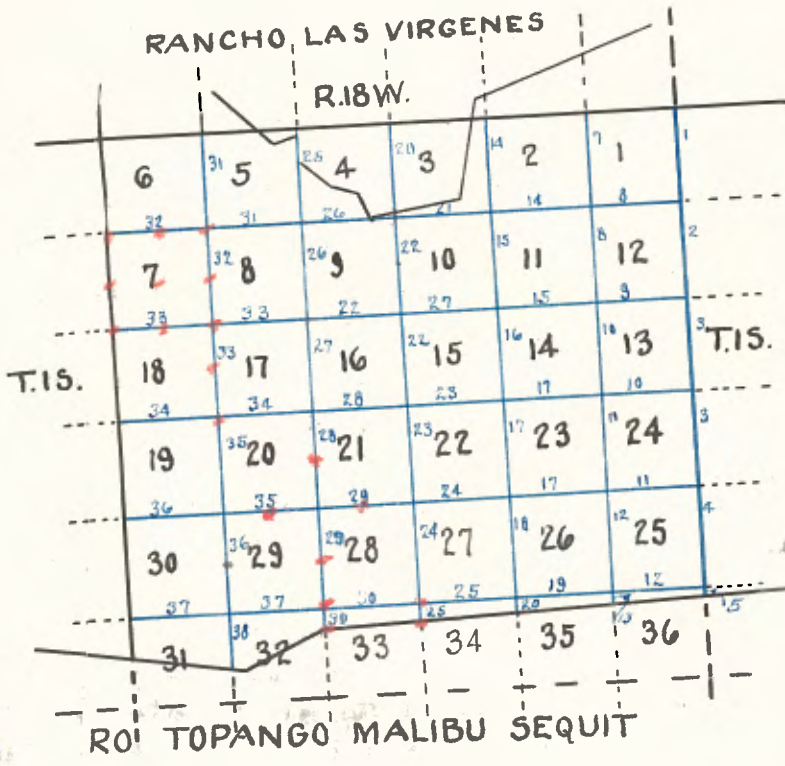


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W. Boundary T. 1 S., R. 17 W., S. B. M.

From the Cor. to Tps. 1 N. and 1 S., Rs. 17 and 18 W. on San Bernardino base line, previously rebuilt by me, I run South on a true line bet. Secs. 1 and 6. Var.  $14^{\circ}30'$  East

Domingo's house bears S  $26^{\circ}$ E

Descend

5.25 Cross gulch 4 lks. wide course S  $45^{\circ}$ W and over valley bears N.E. and S.W.

14.00 Cross same gulch 12 lks. wide, course S.E., leave valley and ascend.

18.50 Domingo's house bears S  $70^{\circ}$ E.

19.00 Top of spur bears N.E. and S.W. and

Descend

26.00 Cross Creek 20 lks. wide, course S  $5^{\circ}$  W. and ascend

40.00 To a point in a road bears N  $25^{\circ}$ E, and S  $25^{\circ}$ W, and sunk a sandstone  $20 \times 10 \times 4$  ins. 20 ins. in the ground, marked  $\frac{1}{2}$  on W. face—Thence I run E 13 lks. and set a post 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground for witness cor. to  $\frac{1}{2}$  sec. cor. marked W.C.  $\frac{1}{2}$  S. on W. face, dug pits  $18 \times 18 \times 12$  ins. N. and S. of post  $5\frac{1}{2}$  ft. dist. and raised an earth mound,  $\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

Thence I run W 13 lks. to true line

40.20 Cross road bears N  $8^{\circ}$ E, and S  $8^{\circ}$ W.

48.50 A school house bears W 52 lks. dist.

59.85 Cross fence bears E. and W.

70.00 Top of spur bears E. and W. and

Descend

77.00 A house bears E 184 lks. dist.

78.10 Cross road bears E. and W. at forks of road which bears S. and along same

80.00 Sunk a sandstone  $20 \times 12 \times 12$  ins. <sup>20 ins.</sup> in the ground, in center of road, for cor. to Secs. 1, 6, 7 and 12 marked with 1 notch on N. and 5 notches on S. edges. This being an impracticable point to further mark cor. I set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground 15 lks. due East of this point for witness cor. to secs. 1, 6, 7 and 12 marked

W.C. T 1 S . S 6 on N.E.

R 17 W S 7 on S.E.

R 18 W S 12 on S.W. and

S 1 on N.W. faces, with 1 notch on N. and 5 notches on S. edges, from which bears

A willow, 10 ins. dia. S  $40^{\circ}52'$ E 144 lks. dist. marked T.S.R. 17 W. W.C.S. 7 B.T.

No other tree within limits; raised a stone mound around post.

Pits impracticable.

Land broken and rolling.

Soil 2nd. and 3rd. rate.

Scattering willow and sycamore timber and dense undergrowth of chemical.

Oct. 22nd. 1895

West Boundary T.1 S., R.17 W., S.B.M.

From the true point for cor. to secs. 1, 6, 7 and 12, I run  
South on a true line, bet. secs. 7 and 12 Var.  $14^{\circ}30'$  East

Descend along road through rolling valley

2.26 A well bears E. 26 lks. dist.  
4.00 E.R. Stokes house bears E. 62 lks. dist.  
16.50 Leave road bears N. and S.W. and continue to descend  
17.65 Cross creek 25 lks. wide, course S  $45^{\circ}$ W and over rolling valley  
39.84 Cross fence bears E. and W.  
40.00 Set a sandstone  $30 \times 12 \times 8$  ins., 22 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
marked

$\frac{1}{4}$  on W. face, from which bears  
White Oak 32 ins. in dia. N  $53\frac{1}{4}^{\circ}$ E  
1.47 lks. dist. marked  $\frac{1}{4}$  S.B.T.  
A white Oak 30 in. ~~xx~~ dia. S  $70\frac{1}{2}^{\circ}$ W  
163 lks. dist. marked  $\frac{1}{4}$  S.B.T.

42.27 Cross road bears E. and W.  
60.00 Enter dense brush bears E. and W.  
62.75 Cross gulch, 6 lks. wide, course W.  
Leave valley, bears N.E. and S.W. and ascend  
64.50 Top of ridge, bears E. and W. and descend  
66.00 Cross gulch 6 lks. wide, course W. and ascend  
68.00 Top of spur, bears N  $65^{\circ}$ E. and W and descend  
74.10 Cross trail bears N.W. and S.E.  
78.60 Cross gulch 8 lks. wide, course S.E. and ascend  
80.00 Set a sandstone  $24 \times 8 \times 6$  ins. 18 ins. in the ground for cor. to  
Secs. 7, 12, 13 and 18 marked with 2 notches on N. and 4 notches on  
S. edges, from which bears

A live oak 8 ins. dia. N  $62\frac{1}{4}^{\circ}$  E.  
118 lks. dist. marked ~~xxxx~~ T.1 S.  
R 17 W. S. 7 B.T.  
A live oak 5 ins. dia. S  $22\frac{1}{2}^{\circ}$ E  
7 lks. dist. marked T 1 S.  
R 17 W. S 18 B.T.  
A live oak 10 ins. dia. S  $60^{\circ}20'$ W  
143 lks. dist. marked  
T 1 S R 18 W S 13 B.T.

No other tree within limits; raised a stone mound alongside corner  
stone

Pits impracticable.

Land for N. 60.00 chs. rolling valley, remainder rough and mountainous  
Soil 2nd. and 3rd. rate

Scattering oak timber and dense undergrowth of same and chaparral.

Oct. 23rd. 1895.

W. Boundary T. 1 S R 17 W. S. B. M.

South on a true line, bet. Secs. 13 & 18. Var. 14°30' East  
 Ascend  
 4.00 Top of spur bears E. and W. and  
 Descend,  
 8.92 Cross head of gulch, course E. and  
 Ascend  
 13.00 Top of spur, bears E. and W. and  
 Descend  
 25.00 Tapt's house bears W 197 lks. dist.  
 25.10 Cross road to Tapt's house bears E. and W.  
 31.61 Cross Malibu Creek 50 lks. wide, course S 88°E and ascend  
 37.25 Cross road bears N. E. and S. W. on top of low spur, bears N. E. and  
 S. W. and descend  
 38.26 Cross gulch 8 lks. wide, course N. E. and  
 Ascend  
 40.00 Set a sandstone 26x10x8 ins. 19 ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
 marked  $\frac{1}{4}$  on W. face, from which bears  
     A live oak 18 ins. dia. S 72°W  
     6 lks. dist, marked  $\frac{1}{4}$  S. B. T.  
     A live oak, 18 ins. dia. N 76°W  
     33 lks. dist. marked  $\frac{1}{4}$  S. B. T.  
 48.96 A sandstone boulder 16x16x12 ft. on line  
 60.00 Top of spur bears E. and W. and  
 Descend  
 64.00 Cross gulch 4 lks. wide, course N 25°E. and ascend  
 79.50 Top of ridge bears N. E. and S. W. and  
 Descend  
 80.00 Set a sandstone 33x12x8 ins. 24 ins. in the ground for cor. to  
 Secs. 13, 18, 19 and 24 marked with 3 notches on N. and S. edges and  
 raised a stone mound alongside.  
 Pits impracticable.  
 Land broken and mountainous.  
 Soil 3rd. rate.  
 Scattering oak and sycamore timber, and dense undergrowth of  
 chaparral.

Oct. 24, 1895.

South on a true line bet. Secs. 19 and 24. Va. 14°30' East  
 Descend  
 2:25 To base of perpendicular cliff impossible to chain. I offset W 20  
 lks; thence S 100 lks; thence E 20 lks. to true line counting distances  
 from cor. to Secs. 13, 18, 19 and 24.  
 6.50 Cross gulch 4 lks. wide, course E. and  
 Ascend.

W. Boundary T 1 S, R. 17 W, S. B. M.

- 12.00 To base of perpendicular cliff, 60 ft. high. To avoid same I offset E. 80 lks; thence S 50 lks; thence W 80 lks. to true line, counting distances from cor. to Secs. 13, 18, 19 & 24.
- 15.00 Top of ridge bears N 60°E and S 60°W and descend
- 31.30 Cross ravine, 10 lks. wide, course E. and ascend
- 40.00 Set a sandstone, 28x14x8 ins., 21 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face and raised a stone mound alongside. Pits impracticable.  
From which bears:-  
A sandstone boulder 11x5x3 ft, N 65°W 9 lks. dist.
- 40.20 Top of spur bears N.W. and S.E. and Descend
- 46.22 Cross gulch 4 lks. wide, course S 65°E and Ascend;
- 50.50 Top of spur bears E. and W. and Ascend
- 57.48 Cross gulch 6 lks. wide, course E. and Ascend
- 66.00 Top of spur bears N 60°E and S 60°W and Descend
- 70.04 Cross gulch 3 lks. wide, course E. and Ascend
- 76.00 Top of spur, bears E. and W. and Descend
- 77.00 To base of perpendicular bluff, impossible to chain. To avoid same, I offset W 15 lks; thence S 100 lks; thence E 15 lks. to true line, counting distances from cor. to Secs: 13, 18, 19 & 24.
- 78.10 Cross gulch 4 lks. wide, course E. and descend.
- 80.00 Set a sandstone 26x14x10 ins., 19 ins. in the ground for cor. to Secs. 19, 24, 25 and 30 marked with 4 notches on N. and 2 notches of S. edges, and raised a stone mound alongside. Pits impracticable.  
Land broken and mountainous  
Soil 3rd. rate  
Scattering oak timber and dense undergrowth of chaparral.

Oct. 25th. 1895

South on a true line bet. secs. 25 and 30. Va 14°30' East  
Ascend

- .50 Top of spur, bears E. and W. and Descend
- 3.00 Cross gulch 6 lks. wide, course N.E. and ascend
- 19.50 Top of ridge, bears N 60°W and S 60° E and descend
- 23.25 Cross gulch 4 lks. wide, course E and ascend
- 25.50 Top of ridge bears E. and W. and Descend
- 40.00 Set a sandstone 28x12x10 ins., 21 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, and raised a stone mound alongside. Pits impracticable.

W. Boundary T 1 S, R. 17 W. S.B.M.

42.50 Cross canon 10 lks. wide, course E. and Ascend  
51.10 Top of low spur, bears N.E. and S.W. and descend  
65.00 Cross canon 10 lks. wide, course E. and ascend  
77.50 Top of spur bears E. and W. and Descend  
79.00 Cross gulch 6 lks. wide, course E. and Ascend  
80.00 Set a sandstone 24x12x6 ins., 18 ins. in the ground for cor. to Secs.  
25, 30, 31 and 36 marked with 1 notch on S. and 5 notches on N. edges  
and raised a stone mound, alongside. Pits impracticable.  
Land mountainous.  
Soil 3rd. rate  
Scattering oak timber and dense undergrowth of chaparral.

Oct. 26th. 1895.

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South on a true line bet. Secs. 31 and 36. Va. 14°30' East  
Ascend  
.50 Top of low spur bears N.E. and S.W. and descend  
2.70 Cross gulch 4 lks. wide, course E. and Ascend  
3.50 Top of spur bears E. and W. and Descend  
4.55 Cross canon 25 lks. wide, course S 15°W and ascend  
7.34 Intersect N. boundary of rancho Topanga Milibu Sequit, 8.76 chs,  
S 85°45'W from a stake set finally in the ground, marked T.M.F.H.R.,  
with a stone mound, in good ~~condition~~ order, alongside, and set a post  
4½ ft. long 4 ins. square, with marked stone, 12 ins. in the ground, for  
closing cor. to Secs. 31 and 36 marked  
C.C. T 1 S on N.  
R 17 W. S 31 on E. and  
R 18 W. S 36 on W faces, with 6 notches on N.E. and W.  
faces and raised a stone mound around post.  
Pits impracticable.  
Land mountainous  
Soil 3rd. rate  
Scattering oak timber and dense undergrowth of chaparral.  
I carefully examined the adjustments of my solar compass, today,  
particularly the latitude and reversing apparatus and found them  
correct.

Oct. 28th. 1895.

Office of U.S. Surveyor-General.

San Francisco, Cal., May 22, 1896

The foregoing field notes of the Surveys of the N.E. and S. boundary lines of Twp. 2 N., R. 17 W. The E. and W. boundary lines of Twp. 1 N., R. 17 W and the E. and W. boundary lines of Twp. 1 S., R. 17 W. San Bernardino Meridian in the State of California, executed by J. R. Glover, U.S. Deputy Surveyor, under his contract 382 dated November 20th, 1884 having been critically examined, and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Seal.

W. S. Green  
U.S. Surveyor-General for California.

Office of U.S. Surveyor-General.

San Francisco Cal., May 22, 1896.

I, U.S. Surveyor General for California, do hereby certify that the foregoing Trans-script has been correctly copied from the original Field Notes, as the same remain of record and on file in this office.

Attest my hand and Official Seal, the day and ~~year~~ date herein above written.

W. S. Green  
U.S. Surveyor-General for California.

Subdivisions of T 1 S, R. 18 W., S.B.M.

Survey commenced Sept. 22nd. 1896 and executed with a Burt's Patent Improved Solar Compass, made by John Roach of San Francisco. This instrument was examined by Jos. C. Sala, Examiner of Instruments for the U.S. Surveyor General for California, as per Certificate No. 20, dated June 11th. 1895, see P. 14 of Supply notes of 1 N. & 1 S., 18 W. for Solar Observation.

On the night of Sept. 21, 1896, at cor. to Secs. 1, 2, 35 and 36 on the N. boundary of Tp. at 7h 22m P.M. I observe Polaris approaching its eastern elongation and mark the line thus determined by a tack driven in a wooden plug set in the ~~ground~~ ground, 5.00 chs. North of my station.

On the morning of Sept. 22, 1896, at 7h 0m I lay off the Azimuth of Polaris  $1^{\circ}30'$  to the West of the line and mark the true meridian thus established by driving a tack in a plug set firmly in the ground. See P. 14 of supply notes of 1 N. & 1 S., 18 W. The magnetic bearing of the true meridian at 7h A.M. is  $N 14^{\circ}54' W$ .

The angle thus determined reduced by the table on page 100 of the Surveying Manual, gives the mean declination  $14^{\circ}52' E$ . Sept. 22, 1896, at 7h 0m, A.M., l.m.t., I set off  $34^{\circ}07' N$  on the lat. arc;  $0^{\circ}01' W$ . on the decl. arc and determine a true meridian with the solar at Cor. to Secs. 1, 2, 35 & 36.

I commence at the cor. to Secs. 1, 2, 35 and 36, on San Bernardino base line, on the N. bdy. of the Twp., previously described by me. Thence I run

S  $0^{\circ}01' E$ . bet. Secs. 1 and 2.

Ascend

6.50

Top of ridge, bears E. and W., 75 ft. above cor. and descend

13.00

Gulch 8 lks. wide, course S.E., 50 ft. below Ridge and ascend

24.50

Top of ridge, bears E. and W., 75 ft. above gulch and descend

32.52

Gulch, 6 lks. wide, course S  $40^{\circ} E$ , 60 ft. below ridge, and ascend

35.00

Top of ridge, bears E. and W., 40 ft. above gulch and descend

38.00

Gulch, 6 lks. wide, course S.E., 50 ft. below ridge, and ascend

40.00

Set a sandstone  $20 \times 10 \times 8$  ins., 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, dug pits  $18 \times 18 \times 12$  ins., N. & S. of stone 3 ft. dist. and raised a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Top of ridge, bears E. and W. and descend

49.00

Set a sandstone  $26 \times 12 \times 10$  ins., 18 ins. in the ground for cor. to Secs. 1, 2, 11 and 12, marked with 5 notches on S. and 1 notch on E. edges and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

80.00

Pits impracticable. Land, rough and mountainous. Soil 3rd. rate, Timber Oak. Undergrowth Oak and Chaparral.



Subdivisions of T.1 S., R.13 W., S.B.M.

East on a random line bet. Secs. 1 & 12.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.36 Intersect E. bdy. of Tp. 37 lks. N of Witness cor. to secs. 1, 6, 7, 12 which is a post, 4 ins. sq., 1 ft. above ground, marked and witnessed as described by the Surveyor General. ( See P. 8 of Supply. notes of 1 N. & 1 S-18 W )
- Thence I run  
N.  $89^{\circ}44'$  W. on a true line bet. secs. 1 & 12. ( See P. 8 of Supply. notes of 1 N. & 1 S-18 W. )
- 0.40 Road, bears N. and S.
- 0.48 Wire fence, bears N. and S.
- 1.80 Wire fence, bears N.E. and S.W.
- 7.50 Wire fence, bears N. and S.
- 7.75 Creek, 30 lks. wide, course South  
Ascend
- 10.00 House, bears North, 2.00 chs. dist.
- 36.00 Top of spur, bears S.E. and N.W., 200 ft. above road and descend
- 46.18 Set an oak post 3 ft. long, 3 ins. sq., with marked stone 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, dug pits 18x18x12 ins. E. and W. of post, 3 ft. dist. and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 40.48 Gulch, 8 lks. wide, course South, 140 ft. below Ridge and ascend
- 54.00 Top of ridge, bears N. and S., 100 ft. above gulch and descend
- 61.06 Gulch, 8 lks. wide, course South, 120 ft. below ridge, and ascend
- 70.00 Top of Ridge, bears N. & S. and descend
- 80.36 The cor. to Secs. 1, 2, 11 and 12.  
Land, rough and mountainous  
Soil, 2nd. and 3rd. rate  
Timber, Oak  
Undergrowth, chaparral.

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S  $0^{\circ}01'$  E. bet. secs. 11 and 12  
Descend

- 2.25 Gulch, 8 lks. wide, course S.W. and ascend
- 15.50 Top of rocky point, bears S.W. and N.E. and descend
- 22.50 Enter small Valley, bears E. and W.
- 32.10 Creek, 50 lks. wide, course N.E., 100 ft. below point,  
Leave valley, bears E. & W. and ascend
- 40.00 Set an oak post, 3 ft. long, 3 ins. sq. with marked stone 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S. on W. face; from which  
An oak, 15 ins. diam. bears S  $15^{\circ}$  E., 82 lks. dist. marked  $\frac{1}{4}$  S.B.T.

Subdivisions of T 19, R. 18 W., S.B.M.

No other tree within limits; dug pits 18x18x12 ins., N. & S. of post, 3 ft. dist. and raised a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

- 63.70 Highest peak of a mountain, bears E. and W., 400 ft. above creek and descend.
- 78.70 Gulch, 8 lks. wide, course East and ascend
- 80.00 Set a sandstone 22x18x16 ins., 16 ins. in the ground, for cor. to Secs. 11, 12, 13, 14 marked with 4 notches on S. and 1 notch on E. edges, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- Pits impracticable.  
Land, precipitous rock and mountainous.  
Soil 3rd. rate.  
Timber Oak  
Dense undergrowth, Chaparral.

Sept. 22, 1896

September 23, 1896 at 7h 0m A.M., l.m.t., I set off  $34^{\circ}7'N.$  on the lat. arc,  $0^{\circ}23'S$  on decl. arc; and determine a true meridian with the solar at the cor. to secs. 11, 12, 13 and 14, described on page 4.

Thence I run

East on a random line bet. secs. 12 & 13.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.28 Intersect E. bdy. of Tp. 22 lks. N. of cor. to secs. 7, 12, 13 & 18, which is a sandstone 6 ins. above ground, marked and witnessed as described by the Surveyor General
- Thence I run  
N  $89^{\circ}51'W$  on a true line bet. Secs. 12 & 13  
Ascend
- 9.65 Top of ridge, bears N. & S., 150 ft. above cor. and descend
- 32.00 Canon, 50 lks. wide, course South 400 ft. below ridge and ascend
- 40.14 Falls on a boulder 8x6x4 ft. above ground, on the point of bluff  
I cut a cross (X) at the exact cor. point for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. side and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Pits impracticable.
- 74.00 Top of ridge, bears N. & S., 450 ft. above canon; descend.
- 80.28 The cor. to secs. 11, 12, 13 & 14.  
Land, rough mountainous.  
Soil 3rd. rate. Timber Oak  
Dense undergrowth, Chaparral.

Subdivisions of T 1 S., R. 18 W., S. B. M.

S. 0° 01' E. bet. secs. 13 and 14.

Ascend steep ridge over rough and broken ground.

40.00 Set a sandstone 24x18x14 ins., 13 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face; and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Pits impracticable.

This  $\frac{1}{4}$  sec. cor. stands about 200 ft. above cor. to secs. 11, 12, 13 and 14.

56.00 Summit of Divide, bears E. and W. about 160 ft. above  $\frac{1}{4}$  sec. cor. and descend along South slope.

80.00 Set a sandstone 24x8x8 ins., 18 ins. in the ground for Cor. to secs. 13, 14, 23 and 24, marked with 3 notches on S. and 1 notch on E. edges, and raised a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor.

Pits impracticable.

This cor. stands about 150 ft. below Summit of divide.

Land rough and mountainous.

Soil 3rd. rate.

Timber Oak.

Dense undergrowth of same and chaparral.

---

E. on a random line bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.21 Intersect E. bdy. of Tp., 24 lks. N. of cor. to secs. 13, 18, 19 & 24, which is a sandstone, 6 ins. above ground, marked & witnessed as described by the Surveyor General.

Thence I run

N 89° 50' W. on a true line bet. secs. 13 & 24.

Descend.

13.00 Gulch, 7 lks. wide, course S 5° E., about 100 ft. below cor. to secs. 13, 18, 19 & 24, ascend

24.00 Top of ridge, 100 ft. above gulch, bears N. & S. Descend

36.10 Head of gulch, course S. 10° W., 150 ft. below ridge and ascend

40.10 Set a sandstone 16x12x6 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

Pits impracticable.

This  $\frac{1}{4}$  sec. cor. is about 40 ft. above gulch

49.00 Top of ridge, bears S 5° W. and N 5° E., 125 ft. above  $\frac{1}{4}$  sec. cor. and descend.

55.13 Head of gulch, course S 6° E., 100 ft. below ridge at & ascend

59.00 Top of ridge, bears S 40° E. & N. 40° W., 40 ft. above gulch, and descend

80.21 This cor. is about 50 ft. below ridge.

Land mountainous & broken. Soil 3rd. rate.

No timber. Undergrowth Chaparral.

Sept. 23, 1896.

Subdivisions of T 1 S, R. 18 W., S.B.M.

Sept. 24th. 1896, at 7h 30m l.m.t., I set off  $34^{\circ}05'N.$  on the lat. arc;  $0^{\circ}46'S.$  on the decl. arc, and determine a true meridian with the solar at the cor. to secs. 13, 14, 23 and 24, described on Page 6.

Thence I run

S  $0^{\circ}01'E.$  bet. secs. 23 and 24  
Descend

- 9.00 Gulch, 6 lks. wide, course S  $40^{\circ}W$  30 ft. below corner and ascend
- 16.00 Top of spur trends S  $50^{\circ}W$  40 ft. above gulch and descend
- 23.00 Gulch, 7 lks. wide, course S  $30^{\circ}W$  75 ft. below spur and ascend
- 32.00 Top of spur, trends S  $35^{\circ}W$ , 150 ft. above gulch and descend
- 40.00 Set a sandstone  $12 \times 10 \times 6$  ins., 8 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Pit's impracticable  
This  $\frac{1}{4}$  sec. cor. is about 170 ft. below spur.
- 41.50 Gulch, 6 lks. wide, course S  $50^{\circ}W$  and ascend
- 65.00 Top of spur trends S .W. 150 ft. above gulch and descend
- 67.50 Gulch, 8 lks. wide, course S  $70^{\circ}W$ , 45 ft. below spur and ascend
- 78.00 Top of spur trends E, 60 ft. above gulch and descend
- 80.00 Set a sandstone  $16 \times 12 \times 6$  ins.  $\approx$  11 ins. in the ground, for cor. to secs. 23, 24, 25 & 26, marked with 2 notches on S. and 1 notch on E. edges and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Pit's impracticable.  
The cor. is set on South slope of spur, trending East about 40 ft. from top of spur.  
Land rough & mountainous.  
Soil 3rd. rate. No timber.  
Dense undergrowth of oak and chaparral.

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E. on a random line bet secs. 24 & 25.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.14 Intersect E. bdy. of T. 20 lks. N. of cor. to secs. 19, 24, 25 and 30, which is a sandstone  $18 \times 10$  ins., 5 ins. above ground, marked and witnessed as described by the Surveyor General.  
Thence I run  
N.  $89^{\circ}51'W.$  on a true line bet. secs. 24 & 25  
Descend
- 10.00 Canon, 20 lks. wide, course S  $10^{\circ}W$  and ascend
- 22.00 Top of spur 75 ft. above canon, bears S  $10^{\circ}W.$  & N.  $10^{\circ}E$   
Descend
- 31.00 Gulch, 5 lks. wide, course S 150 ft. below spur and ascend

Subdivisions of T 1S, R. 18 W., S .B.M.

- 40.07 Set a sandstone 30x16x6 ins., 22 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
Pits impracticable  
This  $\frac{1}{4}$  sec. cor. stands on top of ridge, bearing N. & S. 50 ft. above gulch.
- 42.50 Top of spur, 75 ft. above  $\frac{1}{4}$  sec. cor. bears S 70°W. & N 70°E; descend  
50.50 Gulch, 10 lks. wide, course S 65°W, 200 ft. below spur; ascend;  
63.00 Top of spur, 150 ft. above gulch, bears N. & S. and descend  
80.14 The cor. to secs. 24, 23, 25 & 26, about 170 ft. below sec. cor.  
Land mountainous & rough. Soil 3rd. rate.  
Timber Oak. Dense undergrowth of same and chaparral.

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S 0°01'E. bet. Secs. 25 and 26  
Descend into chaparral

- 1.00 Gulch, 5 lks. wide, course East and ascend  
6.50 Top of ridge, 50 ft. above gulch, bears E. & W.; descend  
22.00 Gulch 10 lks. wide, 100 ft. below gulch, course S 20°W  
Ascend  
39.00 Top of ridge, 125 ft. above gulch, bears E. & W.; descend.  
40.00 Set a sandstone 16x12x10 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face and ~~raised~~ raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Pits impracticable.  
This  $\frac{1}{4}$  sec. cor. stands about 50 ft. below top of ridge.
- 65.90 Gulch, 5 lks. wide, course West, 300 ft. below top of ridge; ascend  
72.50 Top of spur, 75 ft. above gulch, bears S 40°W. and N 40°E; descend  
80.00 Set a sandstone 24x8x6 ins., 18 ins. in the ground, for cor. to secs. 25, 26, 35 and 36, marked with 1 notch on S. and 1 notch on E. edges; raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Pits impracticable.  
Land, mountainous & brushy.  
Soil, 3rd. rate. Timber Sycamore  
Dense undergrowth of Oak and Chaparral.

Sept. 24th. 1896.

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Sept. 25th. 1896, at 7h 13m, l.m.t., I set off 34°04'N. on the lat. arc 3°10'S. on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 25, 26, 35 & 36, described on Page 10.

Thence I run

E. on a random line bet. secs. 25 & 36.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

Subdivisions of T 1 S., R. 18 W., S.B.M.

- 79.84 Intersect E. bdy. of Tp. 12 lks. South of cor. to secs. 25, 30, 31 and 36, which is a sandstone 16x12x6 ins. above ground, marked & witnessed as described by the Surveyor General.  
Thence I run  
S 89°55'W. on a true line bet. secs. 25 & 36  
Ascend through dense chaparral.
- 8.50 Top of spur, bears S 60°E and N 60°W., 200 ft. above cor. to secs. 25, 30, 31 and 36 and descend
- 17.50 Cross Maria Canon, 20 lks. wide, course S. 45°E., 175 ft. below spur; ascend
- 23.00 Top of ridge, 100 ft. above canon, bears S 10°W. and N 10°E; descend
- 30.00 Ravine, 50 lks. wide, course S 10°W., 50 ft. below ridge and ascend
- 39.92 Set a sandstone 20x6x4 ins., 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Pits impracticable.  
This  $\frac{1}{4}$  sec. cor. stands 50 ft. above ravine.
- 52.00 Top of spur, bears N. & S. about 150 ft. above  $\frac{1}{4}$  sec. cor.  
Leave chaparral and descend
- 57.40 Coch Canon, 10 lks. wide, course South 140 ft. below top of spur  
Ascend.
- 63.00 Top of spur, bears S 20°E. and N. 20°W., 100 ft. above Coch Canon  
Descend
- 78.50 Head of gulch, 75 ft. below top of spur, course S 10°E., ascend
- 79.84 The cor. to secs. 25, 26, 35 & 36.  
Land rough and mountainous  
Soil 3rd. rate  
Timber Sycamore  
Dense undergrowth oak and chaparral.
- 
- S 0°01'E. bet. secs. 35 & 36.  
Descend East slope of spur
- 10.75 Wire fence, bears E. & W.
- 12.64 Intersect Rancho Topango Sequit at a point N 85°48'E., 25.93 chs. dist. from cor. T.M. No. 6, which is a Sycamore 22 ins. diam., marked and witnessed as described by the Surveyor General, and  
Set a sandstone 20x16x6 ins., 14 ins. in the ground, for closing cor. to Fracl. secs. 35 & 36, marked C.C. on N., with 1 mmixh groove on N., dug pits 24x18x12 ins., S 85°48'W and N 85°48'E., 4 ft. dist. and raised a mound of earth 4 ft. base 2 ft. high, N 0°01'W. of cor.  
Land rough and mountainous  
Soil 3rd. rate  
Timber Sycamore  
Dense undergrowth Oak & Chaparral.

Oct. 17, 1896

Subdivisions of T 1 S., R 18 W., S.B.M.

Oct. 18th. 1896, at 8h 00m A.M., l.m.t., I set off  $34^{\circ}07'N.$  on the lat. arc;  $9^{\circ}57'S.$  on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 2, 3, 34 & 35, described on page 5 of my book of exteriors.

S  $0^{\circ}01'E.$  bet. secs. 2 and 3.  
Ascend.

- 11.40 Top of spur, bears E. & W., descend
- 13.75 Gulch, 8 lks. wide, course S.E.  
Enter chaparral and ascend
- 21.50 Top of ridge, 100 ft. above gulch, bears E. & W.; descend
- 40.00 Set an oak post 3 ft. long, 3 ins. sq., with marked stone 24 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked  $\frac{1}{2}$  S. on W. face, dug pits 18x18x12 ins., N. & S. of post, 3 ft. dist., and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 43.00 Leave chaparral, enter Ira Brown's field, bears E. & W.
- 49.50 Road, 160 ft. below ridge, bears E. & W.; ascend
- 50.13 Wire fence, bears E. & W.
- 50.88 Ira Brown's house bears West, 1.00 ch. dist.
- 51.75 Offset 30 lks. West to avoid Barn.
- 52.70 Fence, bears E. & W., offset 30 lks. East to line  
Enter chaparral, bears E. & W.
- 72.00 Top of ridge, 200 ft. above road, bears N.W. & S.E. and descend
- 79.97 Set a sandstone 24x12x8 ins., 18 ins. in the ground, for cor. to  
See P. 7 of Suppl. notes of 1N. & 1S. 18 W. secs. 2, 3, 10 & 11, marked with 5 notches on S. and 2 notches on E. edges.  
Pits impracticable, and raised a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
This cor. is set in low sag.  
Land rough & mountainous  
Soil 2nd. ~~rate~~ and 3rd. rate.  
Timber Oak  
Undergrowth chaparral.
- 
- 40.00 E. on a random line bet. secs. 2 & 11.  
Set temp.  $\frac{1}{2}$  sec. cor
- 80.44 See P. 8 of Suppl. notes of 1N. & 1S. 18 W. Intersect N. & S. line 42 lks. N. of cor. to secs. 1, 2, 11 & 12.  
Thence I run  
N  $89^{\circ}42'W$  on a true line bet. Secs. 2 & 11  
Ascend through chaparral.
- 15.00 Top of ridge, bears S.E. and N.W., 200 ft. above cor. to Secs. 1, 2, 11 & 12. Descend.
- 23.25 Gulch, 8 lks. wide, course S.E., 150 ft. below ridge; ascend
- 30.40 Point, 100 ft. above gulch bears N. S.E. & N.W. descend.

Subdivisions of T 1S, R. 18 W., S. B. M.

- 40.22 Set a sandstone 18x12x6 ins., 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 See P. 8 of Suppl. notes of 1N. & 1S. 18W.  
 Pits impracticable.
- 47.18 Gulch 8 lks. wide, course South.
- 52.00 Road, 125 ft. below point, bears N 60°W and S 60°E  
 Ascend South slope of ridge, through chaparral.
- 80.44 The cor. to secs. 2, 3, 10 & 11  
 Land rough & mountainous  
 Soil 3rd. rate  
 Timber Oak  
 Dense undergrowth of Chaparral.
- 
- 27.00 S 0°01'E. bet. secs. 10 & 11  
 Ascend over precipitous rocks  
 Top of ridge, 300 ft. above cor. to secs. 2, 3, 10 and 11, bears N.W. and S.E.  
 Descend over rough and broken ground.
- 36.25 Creek, 100 lks. wide, course E., 400 ft. below top of ridge and ascend.
- 39.37 Set a sandstone 25x16x12 ins., 19 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on N. face, from which  
 See P. 7 of suppl. notes of 1N. & 1S. 18W.  
 A scrub oak, 18 ins. diam. bears S 40°W., 235 lks. dist. marked  $\frac{1}{4}$  S.B.T.  
 No other trees within limits, and raised a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- 41.50 Thomas N. Mendenhall's house, bears S 80°W., 3.50 lks. dist.  
 John R. Grant's house bears S 85°E., 965 lks. dist.
- 79.97 The point for sec. cor. falls on a point of a ridge which point is a rock in place 8x6x4 ft. above ground, on which I  
 Cut a cross (X) at the exact cor. point, for cor. to secs. 10, 11, 14 and 15, marked with 4 grooves on S. and 2 grooves on E. sides; and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Pits impracticable.  
 Land, mountainous & rough  
 Soil, 3rd. rate.  
 Timber Oak  
 Undergrowth chaparral.
- 
- 40.00 See P. 14 of supply. notes of 1 N., & 1 S., 18W for Latitude Observation.  
 E. on a xx random line bet. secs. 11 & 14.  
 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.86 Intersect N. & S. line, 22 lks. S. of cor. to secs. 11, 12, 13 & 14.  
 Thence I run  
 S 89°51'W. on a true line bet. secs. 11 & 14.  
 Descend.



Subdivisions of T 18., R. 18 W., S. B. M.

- 22.50 Gulch, 8 lks. wide, course N.W., 300 ft. below sec. cor.  
Over rolling ground.
- 34.65 Gulch 10 lks. wide, course N.W.  
Ascend
- 39.93 Set a sandstone 20x12x8 ins., 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on N. face, dug pits 18x18x12 ins., E. & W. of stone, 3 ft.  
dist. and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 50.00 Top of ridge, 250 ft. above gulch, bears N. & S. descend
- 75.00 Gulch, 10 lks. wide, course N.E., 250 ft. below top of ridge; ascend.
- 79.86 The cor. to secs. 10, 11, 14 & 15.  
Land rough & mountainous  
Soil, 3rd. rate  
Timber Oak  
Undergrowth oak and chaparral.
- Oct. 19th, 1896
- 
- \* See P. 16  
of Suppl.  
notes of  
1N. & 1S.-  
18W.
- Oct. 20th, 1896, at 7h 45m A.M., l.m.t., I set off  $34^{\circ}05'$  N. on the lat.  
arc;  $10^{\circ}39'$  S on the decl. arc; and determine a true meridian with the  
solar at the cor. to secs. 10, 11, 14 and 15, described on page 16.
- S  $0^{\circ}01'$  E. bet. secs. 14 and 15.  
Descend
- 3.10 Gulch, 8 lks. wide, course N.E.  
Ascend steep mountain over rough and rolling ground
- 40.00 Set a sandstone 24x16x8 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec. cor.,  
marked  $\frac{1}{4}$  on W. face; and raised a mound of stone, 2 ft. base,  $1\frac{1}{4}$  ft.  
high, W. of cor.  
Pits impracticable.
- 40.50 Summit of divide, bears S  $60^{\circ}$  E. and N.  $60^{\circ}$  W. and descend
- 62.50 Gulch, 600 ft. below summit of divide, course S  $45^{\circ}$  E;  
Ascend
- 74.00 Top of spur, 100 ft. above gulch, bears S  $40^{\circ}$  E. and N.  $40^{\circ}$  W.  
descend.
- 80.00 Set a sandstone 30x20x6 ins., 22 ins. in the ground for cor. to secs.  
14, 15, 22 & 23, marked with 3 notches on S. and 2 notches on E. edges;  
dug pits 18x18x12 ins., in each ~~xxxx~~ sec.,  $5\frac{1}{2}$  ft. dist.; and raised a  
mound of earth 4 ft. base,  $\approx$  2 ft. high W. of cor.  
Land mountainous  
Soil, 3rd. rate  
Timber Oak  
Dense undergrowth same and chaparral.

Subdivisions of T 1 S, R. 18 W., S. B. M.

- E. on a random line bet. secs. 14 & 23.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.22 Intersect N. & S. line, 16 lks. N. of cor. to secs. 13, 14 23 and 24.  
 Thence I run  
 N  $89^{\circ}53'$  W. on a true line bet. secs. 14 & 23.  
 Descend  
 6.94 Gulch 10 lks. wide, course S.  $10^{\circ}$  W. Ascend.  
 15.50 Top of high spur, 125 ft. above gulch, bears S  $12^{\circ}$  W. & N  $12^{\circ}$  E;  
 Descend  
 28.89 Gulch, 10 lks. wide, course South 200 ft. below spur  
 Ascend  
 40.11 Set a sandstone  $18 \times 14 \times 9$  ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.,  
 marked  $\frac{1}{4}$  on N. face; dug pits  $18 \times 18 \times 12$  ins., E. & W. of stone, 3 ft.  
 dist. and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 This  $\frac{1}{4}$  sec. cor. stands 150 ft. above gulch  
 49.00 Top of spur, 70 ft. above  $\frac{1}{4}$  sec. cor., bears N. & S.  
 Descend  
 62.04 Gulch, 8 lks. wide, course South, 80 ft. below top of spur, ascend  
 69.30 Top of ridge, 90 ft. above gulch, bears N. & S. descend  
 74.50 Gulch, 6 lks. wide, course S  $10^{\circ}$  E, 150 ft. below ridge, ascend  
 80.22 The cor. to secs. 14, 15, 22 & 23.  
 Land rough and mountainous  
 Soil, 3rd. rate  
 Timber Oak  
 Dense undergrowth same and chaparral. Oct. 20, 1896.

Oct. 21, 1896, at 8h 00m, A. M., l. m. t., I set off  $34^{\circ}05'$  N. of the lat.  
 arc;  $11^{\circ}01'$  S. on the decl. arc; and determine a true meridian with the  
 solar at cor. to secs. 14, 15, 22 & 23, described on page 18.

Thence I run

- S  $0^{\circ}01'$  E. bet. secs. 22 & 23.  
 1.00 Gulch, 8 lks. wide, course S.  $60^{\circ}$  E. ascend  
 4.00 Top of spur, 75 ft. above gulch, bears S  $60^{\circ}$  E and N  $60^{\circ}$  W. ascend  
 8.06 Gulch, 7 lks. wide, course S  $20^{\circ}$  E., 50 ft. below top of spur; ascend  
 12.00 Top of rocky spur, 80 ft. above gulch, bears E. & W.  
 Descend  
 30.10 Canon, 20 lks. wide, course S  $50^{\circ}$  E., 150 ft. below top of spur  
 Ascend steep slope  
 39.00 Top of spur, 175 ft. above canon, bears E. & W. and descend

Subdivisions of T 1N., R. 18 W., S. B. M.

- 40.00 Set a sandstone 30x10x4 ins., 22 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, from which  
 A live oak, 20 ins. diam., bears N  $77\frac{1}{2}^{\circ}$ W., 180 lks. dist. marked  $\frac{1}{4}$  S. B. T.  
 A live oak 24 ins. diam., bears S  $9^{\circ}$ E., 199 lks. dist. marked  $\frac{1}{4}$  S. B. T.  
 This cor. stands 30 ft. below top of spur.
- 45.50 Gulch, 8 lks. wide, course East about 75 ft. below  $\frac{1}{4}$  sec. cor. Enter timber of oak, ascend
- 54.50 Top of spur, 150 ft. above gulch, bears S  $85^{\circ}$ E. and N  $85^{\circ}$ W.; descend
- 60.00 Gulch, 8 lks. wide, course East, 125 ft. below top of spur; ascend.
- 80.00 Set a sandstone 30x8x4 ft., 22 ins. in the ground, for cor. to secs. 22, 23, 26 & 27, marked with 2 notches on S. & E. edges, dug pits 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
 Land rough & mountainous  
 Soil 3rd. rate  
 Timber Oak  
 Dense undergrowth chaparral.
- 
- B .on a random line bet. secs. 23 & 26
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.36 Intersect N. & S. line, 34 lks. N. of cor. to secs. 23, 24, 25 & 26. Thence I run  
 N  $89^{\circ}45'$ W on a true line bet. secs. 23 & 26  
 Descend
- 13.00 Gulch, 8 lks. wide, course S  $20^{\circ}$ W
- 26.00 Canon, del Carrol, 18 lks. wide, course South, ascend
- 40.18 Set a sandstone, 18x5x5 ins., 12 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, dug pits 18x18x12 ins., E. & W. of stone, 3 ft. dist. and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 44.10 Top of spur, 75 ft. above  $\frac{1}{4}$  sec. cor., bears N. & S.; descend
- 48.08 Gulch, 8 lks. wide, course S  $40^{\circ}$ E., 150 ft. below top of spur; ascend
- 60.00 Top of high bank and ascend
- 76.00 Top of spur, 300 ft. above gulch, bears N.  $10^{\circ}$ E. and S.  $10^{\circ}$ W.; descend
- 80.36 The cor. to secs. 22, 23, 26 and 27.  
 The cor. is about 15 ft. below top of spur.  
 Land mountainous & broken  
 Soil 3rd. rate  
 Timber Sycamore  
 Dense undergrowth of oak and chaparral.

Oct, 21st. 1896.

Oct, 22nd. 1896, at 7h 00m A. M., 1. m. t., I set off  $34^{\circ}04'$ N. on the lat. arc  $\frac{1}{2}$   $11^{\circ}21'$ S. on the decl. arc, and determine a true meridian with the solar at the cor. to secs. 22, 23, 26 and 27, described on page 20.  
 Thence I run  
 S  $0^{\circ}01'$ E. bet. se cs. 26 and 27.

Subdivisions of T 1 S, R. 18 W., S.B.M.

- 13.00 Gulch, 10 lks. wide, course S 60°E., 200 ft. below cor. to secs. 22, 23, 26 and 27; ascend
- 32.00 Top of ridge, 100 ft. above gulch, bears S 10°E. and N 10°W.; descend
- 36.70 Gulch, 8 lks. wide, course N. 80°E., 100 ft. below top of ridge; Ascend.  
22 ins.
- 40.00 Set a sandstone 30x12x5 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Pits impracticable.  
This  $\frac{1}{4}$  sec. cor. stands 75 ft. above gulch
- 60.00 High point on east slope of ridge, 50 ft. above  $\frac{1}{4}$  sec. cor., descend
- 80.00 Set a sandstone 20x8x5 ins., 15 ins. in the ground, for cor. to secs. 26, 27, 22 & 23, marked with 1 notch on S. and 2 notches on E. edges; dug pits 18x18x12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth, 4 ft. base, 2 ft. high W. of cor.  
This cor. stands 200 ft. below top of ridge.  
Land rough and mountainous  
Soil 3rd. rate  
Timber Sycamore  
Dense undergrowth of oak and chaparral.
- 
- East on a random line bet. secs. 26 & 35
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.24 Intersect N. & S. line 28 lks. N. of cor. to secs. 25, 26, 35 & 36.  
Thence I run  
N 89°48' W. on a true line bet. secs. 26 & 35  
Ascend
- 3.50 Top of spur, 50 ft. above cor. to secs. 25, 26, 35 and 36, bears S 20°E., and N 20°W.; descend
- 19.50 Cross road to Prichard's house, bears N. & S.
- 21.40 Canon, 20 lks. wide, course S. 10°W. about 300 ft. below top of spur  
Ascend
- 40.12 Set a sandstone 20x12x12 ins., 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high. Pits impracticable.  
This  $\frac{1}{4}$  sec. cor. stands on East side of spur, 200 ft. above canon.
- 50.00 Top of ridge, 150 ft. above  $\frac{1}{4}$  sec. cor., bears N. & S. descend
- 65.80 Canon del Carrol, 20 lks. wide, course South, 150 ft. below top of ridge.  
Ascend.
- 78.50 Top of spur, 90 ft. above canon, bears S 40°W. and N 40°E; descend
- 80.24 The cor. to secs. 26, 27 34 & 35.  
Land rough & mountainous  
Soil, 3rd. rate  
Timber Oak  
Undergrowth chaparral

Subdivisions of T 1 S., R. 18 W., S. B. M.

S 0°01'E. bet. secs. 34 and 35.

Ascend West slope

2.00

Gulch, 6 lks. wide, course S 15°E, 40 ft. below cor. to secs. 25, 26, 34, and 35; descend

15.18

Intersect Rancho Topanga Malibu Sequit S 89°20'W

See P. 5  
of Suppl.  
notes of

14.30 chs. dist. from cor.  $\frac{1}{2}$  M.T.M. which is a sandstone 20x10 ins., 5 ins. above ground, marked and witnessed as described by the Surveyor General, and

LN. & 18.18W.

Set a sandstone 14x12x8 ins., 9 ins. in the ground, for closing cor. to fractl. secs. 34 & 35, marked C.C. on N. and 2 grooves on E. face and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N 0°01'W. of cor.

Pits impracticable.

This closing cor. stands 75 ft. below cor. to secs. 25, 26, 34 and 35.

Land rough and mountainous

Soil 2nd. and 3rd. rate.

Timber Oak

Undergrowth chaparral.

Oct. 22nd. 1896

Oct. 23rd. 1896, at 7h 45m. l.m.t., I set off 34°07'N. on the lat. arc; 11°43'S on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 3, 4, 33 and 34 described on page 7 of my Book of Extérieurs.

Thence I run

From the blank post set for cor. to secs. 3, 4, 33 & 34 in Rancho Los Virgenes on San Bernardino base line, I run

S 0°02'E in Las Virgiene Grant bet secs. 3 and 4.

See P 6

40.00

of suppl.

notes of

LN. & 18.18W.

Set a blank post for  $\frac{1}{4}$  sec. cor.

72.38

Intersect Bdy. of Rancho Las Virgenes, at a point ~~83°52'W.~~

See P. 6 of  
Suppl.  
notes of  
Rancho  
boundaries.

7.58 chs. dist. from cor. L.V. No. 10, which is a sandstone 12x10 ins., 6 ins. above ground, marked and witnessed as described by Surveyor General.

Set a sandstone 24x12x6 ins., 18 ins. in the ground, for closing cor. to fract. secs. 3 & 4, marked

L.V. on N.

C.C. on S.

S. 3 on E.

S 4 on W. faces, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.

Pits impracticable.

Subdivisions of T 1 S., R 18 W., S.B.M.

80.00 Set a sandstone 20x16x10 ins., 15 ins. in the ground for cor. to secs. 3, 4, 9 & 10, marked with 5 notches on S. and 3 notches on E. edges, and raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.

From this cor. a house bears N.  $29\frac{1}{2}^{\circ}$  E.

Land mountainous & broken.

Soil 2nd & 3rd rate.

Timber Oak.

Dense undergrowth of chaparral.

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E. on a random line bet. secs. 3 & 10.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.34 See P 9 of suppl. notes of 1 N. & 1 S., 18 W. Intersect N. & S. line 40 lks. N. of cor. to secs. 2, 3, 10, and 11.

Thence I run

N.  $89^{\circ} 43'$  W. on a true line bet. secs. 3 and 10. Descend through chaparral.

21.50 Road, bears N.  $27^{\circ}$  W., & W.  $27^{\circ}$  E. in a canon, 50 lks. wide, course S.  $30^{\circ}$  E., 200 ft. below cor. to secs. 2, 3, 10 & 11; ascend.

39.00 Top of ridge, 175 ft. above canon, bears N.  $50^{\circ}$  W. and S.  $50^{\circ}$  E; descend.

40.17 Set a sandstone 20 x 12 x 6 ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor., marked  $\frac{1}{2}$  on N. face and raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

Pits impracticable.

40.52 Spur, bears N.E. & S.W. and continue descent.

62.10 Canon, 12 lks. wide, course North; ascend.

67.00 House bears No. 22  $3-4^{\circ}$  W. and descend.

80.34 The cor. to secs. 3, 4, 9 & 10. From this cor. a house bears N.  $29\frac{1}{2}^{\circ}$  E. Land, mountainous & rough. Soil, 2nd and 3rd rate. Timber Oak. Dense undergrowth.

Oct. 23, 1896.

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains

Oct. 24, 1896, at 7 h 15m A.M., l.m.t., I set off  $34^{\circ} 06'$  N. on the lat. arc;  $12^{\circ} 03'$  S. on the decl. arc; and determine a true meridian with the solar at cor. to secs. 3, 4, 9 & 10, described on page 25.

S.  $0^{\circ} 02'$  E. bet. secs. 9 and 10.

Ascend.

900 14.00  
1500 22.13  
2600 39.00  
40.00

Top of spur, bears N.E. & S.W. Descend.

Gulch, 6 lks. wide, course N.  $40^{\circ}$  E. Ascend.

Top of spur, bears N.E. & S.W., descend.

Set a sandstone 18 x 12 x 10 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Pits impracticable.

3600 54.60  
79.00  
80.00

Gulch, 6 lks. wide, course N.  $55^{\circ}$  E. Ascend.

Top of divide, bears N.W. and S.E. Descend.

Set a sandstone 30 x 10 x 4 ins. 22 ins. in the ground, for cor. to secs. 9, 10, 15 & 16, marked with 4 notches on S. and 3 notches on E. edges; dug pits 18 x 18 x 12 ins. in each sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rough and mountainous.

Soil 3rd. rate.

Timber Oak.

Undergrowth same and chaparral.

40.00  
80.28

E. on a random line bet. secs. 10 & 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

Intersect N. & S. line, 30 lks. N. of cor. to secs. 10, 11, 14 and 15.

Thence I run

N.  $89^{\circ} 47'$  W. on a true line bet. secs. 10 & 15.

Ascend.

19.00  
38.36  
40.14

Top of spur, bears N. E. and S.W. descend.

Head of gulch, course North, Ascend N.E. slope.

Set a sandstone 18 x 16 x 12 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

Pits impracticable.

80.28

The cor. to secs. 9, 10, 15 & 16.

Land mountainous.

Soil 3rd rate.

Timber oak.

Undergrowth chaparral.

Oct. 25, 1896.

Oct. 25th. 1896, at 8 h 00m. A.M., l.m.t., I set off  $34^{\circ} 05'$  N. on the lat. arc;  $12^{\circ} 25'$  S. on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 9, 10, 15 & 16 described on page 27.

Thence I run

S.  $0^{\circ} 02'$  E. bet. secs. 15 & 16.

Ascend.

2.50

Top of divide, bears E. & W.

Descend over rough and broken ground.

38.14

Gulch, 8 lks. wide, course S.E., ascend.

40.00

Set a sandstone 24 x 18 x 10 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Pits impracticable.

This  $\frac{1}{4}$  sec. cor. stands 300 ft. below top of divide.

Subdivisions of T. 1 S., R. 18 W., S.E.M.

Chains.

- Descend.  
 61.00 Canon, 12 lks. wide, course S. 30° E. 175 ft. below  $\frac{1}{4}$  sec. cor., ascend.  
 78.70 Top of spur, 200 ft. above Canon, bears S. 80° W. & N. 80° E., descend.  
 80.00 Set a sandstone 20 x 10 x 8 ins., 15 ins. in the ground, for cor. to secs. 15, 16, 21 & 22, marked with 3 notches on the S. and 3 notches on E. edges; dug pits 18 x 18 x 12 ins., in each sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth, 4 ft. base, 2 ft. high W. of cor.  
 Land mountainous.  
 Soil, 3rd rate.  
 Timber oak.  
 Undergrowth same and Chaparral.
- 
- E. on a random line bet. secs. 15 & 22.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.,  
 50.05 Intersect N. & S. line 13 lks. S. of cor. to secs. 14, 15, 22 & 23.  
 Thence I run  
 S. 89° 54' W. on a true line bet. secs. 15 & 22.  
 Descend.  
 1.00 Gulch, 5 lks. wide, course S. E., ascend.  
 5.50 Top of spur, bears N.W. & S.E., Descend.  
 8.00 Gulch, 5 lks. wide, course S.E. Ascend.  
 26.07 Top of ridge, bears N. & S., descend.  
 38.00 Gulch, 6 lks. wide, course South. Ascend.  
 40.03 Set a sandstone 20 x 16 x 14 ins. 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; dug pits 18 x 18 x 12 ins. E. & W. of stone, 3 ft. dist. and raised a mound of stone,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 46.00 Top of spur, 50 ft. above  $\frac{1}{4}$  sec. cor., bears N. & S. descend.  
 54.20 Gulch, 10 lks. wide, course S. 60° E., 60 ft. below top of spur; ascend.  
 73.50 Top of ridge, 125 ft. above gulch, bears N.W. & S.E. descend.  
 80.05 The cor. to secs. 15, 16, 21 and 22.  
 Land mountainous.  
 Soil 3rd rate.  
 Timber oak.  
 Undergrowth same and dense chaparral.  
 See P. 14 of supply notes of 1 N & 1 S - 1 W for Latitude Observation.
- 
- S. 0° 02' E. bet. secs. 21 and 22.  
 Descend.  
 14.52 Canon, 20 lks. wide, course S.E. Ascend.  
 21.00 Top of spur, 50 ft. above canon, bears E. & W.; descend  
 40.00 Set a sandstone 20 x 12 x 8 ins., 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on S. face, from which  
 A Live Oak 18 ins. diam., bears N. 43° E. 52 lks. dist., marked  $\frac{1}{4}$  S.B.T.  
 A Live oak 10 ins. diam., bears S 24 $\frac{1}{2}$ ° E., 54 lks. dist., marked  $\frac{1}{4}$  S.B.T.  
 50.00 Along dry Arroyo, ascend east slope of hill.  
 77.00 Top of high spur, 200 ft. above  $\frac{1}{4}$  sec. cor., bears E. & W., descend.  
 80.00 Set a sandstone 20 x 12 x 8 ins., 15 ins. in the ground, for cor. to secs. 21, 22, 27 and 28, marked with 2 notches on S. and 3 on E. edges, and raised a mound of stone, 2 ft base,  $1\frac{1}{2}$  ft. high W. of cor. Pits intractable.



Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains.

Land mountainous.  
Soil 2nd. and 3rd. rate.  
Timber oak.  
Undergrowth chaparral.

- 40.00 East on a random line bet. secs. 22 & 27.  
79.88 Set temp  $\frac{1}{4}$  sec. cor.  
Intersect N. & S. line, 20 lks. South of cor. to secs.,  
22, 23, 26 & 27.  
Thence I run  
S. 89° 51' W. on a true line bet. secs. 22 & 27.  
Ascend.  
19.50 Top of high Ridge, bears N. & S. Descend.  
30.00 Gulch, 10 lks. wide, course S. 20° W., 175 ft. below  
gulch, ascend.  
39.94 Set a sandstone 16 x 6 x 12 ins., 11 ins. in the ground,  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, and raised a mound  
of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits  
impracticable.  
45.50 Top of spur, 100 ft. above gulch, bears S. 50° E. and  
N. 50° W., descend.  
50.00 Cross low sag, ascend.  
55.50 Top of ridge, 50 ft. above spur, bears N. & S., descend.  
68.50 Canon, 30 lks. wide, course S. 20° E., 175 ft. below top  
of ridge, ascend.  
79.88 The cor. to secs. 21, 22, 27 & 28.  
This cor. is about 200 ft. above canon.  
Land mountainous,  
Soil 3rd rate.  
Timber oak.  
Undergrowth same and chaparral.

Oct. 26, 1896.

A.M.

- Oct. 27th. 1896, at 8h 00m, l.m.t., I set off 34°  
04' N. on the lat. arc; 13° 06' S. on the decl. arc; and  
determine a true meridian at the cor. to secs. 21, 22,  
27 & 28, described on page 30.  
Thence I run  
S 0° 03' E. bet. secs. 27 and 28.  
Descend.  
28.00 Canon, 15 lks. wide, course S. 15° E., 200 ft. below  
cor. to secs. 21, 22, 27 & 28; ascend.  
40.00 Set a sandstone 14 x 14 x 6 ins., 9 ins. in the ground,  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; and raised a mound  
of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Pits impracticable.  
This  $\frac{1}{4}$  sec. cor. is on N.W. slope of spur.  
44.00 Top of spur, bears N.W. & S.E., descend.  
69.20 Canon, 15 lks. wide, course S.E., ascend.  
80.00 Set a sandstone 28 x 20 x 6 ins., 21 ins. in the ground,  
for cor. to secs. 27, 28, 33 & 34, marked with 1 notch  
on S. and 3 notches on E. edges; dug pits 18 x 18 x 12 ins.  
in each sec. 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth,  
4 ft. base, 2 ft. high, W. of cor.  
Land mountainous.  
Soil 3rd rate.  
Timber oak.  
Undergrowth same & chaparral.

Subdivisions of T 1 S., R. 18 W., S. B. M.

E. on a random line bet. secs. 27 & 34.

40.00 Set a temp.  $\frac{1}{4}$  sec. cor.  
79.84 Intersect N. & S. line, 12 lks. N. of cor. to secs. 26, 27,  
34 and 35.  
Thence I run  
N.  $89^{\circ} 55'$  W. on a true line bet. secs. 27 & 34.

.50 Head of gulch, course S.E., ascend.  
7.50 Top of ridge, bears N. & S., descend.  
39.92 Set an oak post 3 ft. long, 3 ins. sq., for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  S. on N. face, from which a  
Maple, 19 ins. diam., bears N.  $50^{\circ}$  E., 62 lks. dist. marked  
 $\frac{1}{4}$  S.B.T.  
An Oak 30 ins. diam., bears N.  $10^{\circ}$  W., 70 lks. dist. marked  
 $\frac{1}{4}$  S.B.T.

In bottom of dry canon, 50 lks. wide, S. of stream, course S.,  
500 ft. below top of ridge., ascend.

74.80 Top of ridge, 250 ft. above  $\frac{1}{4}$  sec. cor.  
79.84 The cor. to secs. 27, 28, 33 & 34.  
Land rough & mountainous.  
Soil 3rd rate.  
Timber oak.  
Undergrowth chaparral.

16.00 S.  $0^{\circ} 02'$  E. bet. secs. 33 and 34.  
See P 3 of Intersect Rancho Topanga Sequit S.  $89^{\circ} 20'$  W., 14.30 chs.  
Suppl'y dist., from cor.  $1/2$  M.T.M. which is a sandstone  $14 \times 6$  ins.,  
notes of 5 ins. above ground, marked and witnessed as described by me  
of subdiv. of in resurvey of Rancho.  
1 N & 1 S- Set a sandstone  $30 \times 8 \times 6$  ins., 22 ins. in the ground, for  
18 W. Closing cor. to fracl. secs. 33 and 34, marked C.C. on N. and  
3 grooves on E. faces; dug pits  $24 \times 18 \times 12$  ins. S.  $89^{\circ} 20'$   
W. and N.  $89^{\circ} 20'$  E., 4 ft. dist., and raised a mound of earth,  
4 ft. base, 2 ft. high, N.  $0^{\circ} 02'$  W. of cor.  
Land rough & mountainous.  
Soil, 3rd rate.  
Timber oak.  
Undergrowth chaparral.

Oct. 27, 1896.

Oct. 28th, 1896, at 8h 00m A.M., l.m.t., I set off  $34^{\circ} 07'$   
N. on the lat. arc;  $13^{\circ} 26'$  S. on the decl. arc, and determine  
a true meridian with a solar at the cor. to secs. 4, 5, 32 and  
33, described on page 7 of my Book of Exterior.

Thence I run  
S.  $0^{\circ} 02'$  E. bet. secs. 4 and 5.  
Along Triunfo Creek.

24.00 Leave Creek, course S.E., ascend.  
27.40 Intersect Bdy. of Las Virgenes, at a point S.  $61^{\circ} 37'$  E.,  
See P 11 of 3.41 chs. dist., from cor. L.V.No. 6, which is a live oak 32  
suppl.notes ins. diam., marked and witnessed as described by Surveyor General.  
of Rancho Set a sandstone  $16 \times 10 \times 8$  ins., 11 ins. in the ground,  
boundaries. for closing cor. to fracl. secs. 4 and 5, marked  
L.V. on N.,  
C.C. on S.,  
S. 4 on E.,  
S. 5 on W. faces, and raised a mound of stone 2 ft. base,  
 $1\frac{1}{2}$  ft. high, W. of cor.

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains.	
40.00	Pits impracticable. Set a sandstone 16 x 12 x 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which A live oak 8 ins. diam., bears S. 1° 30' E., 54 lks. dist., marked $\frac{1}{4}$ S.B.T. A live oak 10 ins. diam., bears N. 70 $\frac{1}{2}$ ° W., 100 lks. dist., marked $\frac{1}{4}$ S.B.T.
54.75	Top of ridge, bears N 80° E. & S. 80° W., descend.
58.00	Gulch, 8 lks. wide, course East, ascend.
64.50	Top of ridge, 50 ft. above gulch, bears E. and W. descend.
80.00	Set a sandstone 40x 10x10 ins., 30 ins. in the ground for cor. to secs. 4, 5, 6 & 9, marked with 5 notches on S. and 4 notches on E. edges; from which A live oak 12 ins., diam., bears S. 47° E., 59 lks. dist., marked T. 1 S., R. 18 W., S 9 B.T. A live oak 15 ins. diam. bears S. 6° W., 84 lks. dist., marked T. 1 S., R. 18 W., S 8 B.T. No other trees within limits and raised a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Pits impracticable. Land rough, mountainous. Soil 3rd. rate. Timber oak. Undergrowth same and chaparral.
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40.00	E. on a random line bet. secs. 4 & 9. Set temp $\frac{1}{4}$ sec. cor.
79.92	Intersect N. & S. line, 18 lks. S. of cor. to secs. 3, 4, 9 & 10. Thence I run S. 89° 52' W. on a true line bet. secs. 4 & 9. Descend through chaparral.
6.50	Gulch, 10 lks. wide, course North, ascend.
27.00	Top of spur, 100 ft. above gulch, bears N. 10° W. & S. 10° E., descend.
31.50	Gulch, 9 lks. wide, course N. 10° E., ascend.
35.00	Top of spur, bears E 10° E. & S. 10° W., descend.
38.45	Gulch, 6 lks. wide, course N. 15° E., ascend.
39.96	Set a sandstone 18 x 10 x 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raised a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable.
49.00	Top of spur, bears N. & S., descend.
53.25	Gulch, 8 lks. wide, course N. 60° E. Ascend steep rocky bluff.
59.00	Top of bluff, 200 ft. above gulch, descend.
68.00	Canon, 20 lks. wide, course East, 150 ft. below bluff; ascend.
79.92	The cor. to secs. 4, 5, 8 & 9. Land rough and mountainous. Soil, 3rd. rate. Timber oak. Undergrowth chaparral.
<hr/>	
1.35	S. 0° 02' E. bet. secs. 8 & 9. Canon, 15 lks. wide, course N. 80° E., ascend.
8.21	Cabin, bears S. 65° W., about 15.00 chs. dist.
13.00	Top of spur, bears S.W. & N.E., descend.
21.50	Canon, 15 lks. wide, course N. 45° E., ascend.

Subdivisions of T. 1 S., R. 13 W., S.B.M.

Chains.  
40.00 Set a sandstone 16 x 14 x 12 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; dug pits 18 x 18 x 12 ins., N & S. of stone, 3 ft. dist., and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. This  $\frac{1}{4}$  sec. cor. is 400 ft. above canon.  
46.00 Top of ridge, bears S.  $80^{\circ}$  E., and N.  $80^{\circ}$  W., descend.  
48.45 Gulch, 6 lks. wide, course S.  $60^{\circ}$  E., ascend.  
56.00 Top of divide, bears N.W. & S.E., descend.  
59.00 Canon, 8 lks. wide, course N.  $80^{\circ}$  W., ascend.  
80.00 Set a sandstone 24 x 12 x 10 ins., 18 ins. in the ground, for cor. to secs. 8, 9, 16 and 17, marked with 4 notches on S. and 4 notches on E. edges, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.  
This sec. cor. is on North side of ridge.  
Land mountainous.  
Soil 3rd rate.  
Timber Oak.  
Undergrowth chaparral.  
Oct. 28, 1896.  
Oct. 29, 1896, at 7 h 45 m A.M., l.m.t., I set off on lat. arc.  $34^{\circ} 05'$  N.,  $13^{\circ} 45'$  S. on decl. arc; and determine a true meridian with a solar at cor. to secs. 8, 9, 16 & 17, described on pg. 36.  
Thence I run  
E. on a random line bet. secs. 9 & 16.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.74 Intersect N. & S. line, 17 lks. north of cor. to secs. 9, 10, 15 & 16.  
Thence I run  
N.  $89^{\circ} 53'$  W. on a true line bet. secs. 9 & 16.  
Descend through chaparral, over rough and broken ground.  
38.70 Head of gulch, course S.E., ascend.  
39.87 Set a sandstone 16 x 10 x 8 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor. Pits impracticable.  
This  $\frac{1}{4}$  sec. cor. is on top of ridge, bears N.W. & S.E., descend.  
56.90 Gulch, 5 lks. wide, course S.  $50^{\circ}$  E., ascend.  
64.00 Top of spur, bears S.  $55^{\circ}$  E., & N.  $55^{\circ}$  W., descend.  
79.74 The cor. to secs. 8, 9, 16 & 17.  
Land mountainous.  
Soil 3rd rate.  
Timber oak.  
Undergrowth chaparral.

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S.  $0^{\circ} 02'$  E. bet. secs. 16 & 17.  
Descend.  
6.60 Head of gulch, course S.  $80^{\circ}$  E., ascend.  
26.50 Top of ridge, bears E. & W., descend.  
40.00 Set a buckthorn post, 3 ft. long, 2 ins. square, with marked stone, 24 ins., in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on S. and W. face; dug pits 18 x 18 x 12 ins., N. & S. of post, 3 ft. dist.; and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
50.00 Canon, 18 lks. wide, course East, 400 ft. below top of ridge, ascend.  
70.00 Top of ridge, bears N.W. & S.E. descend.  
80.00 Set an oak post 3 ft. long, 4 ins. sq., with marked stone, 24 ins. in the ground, for cor. to secs. 16, 17,

Subdivisions of T. S., R. 18 W., S.B.M.

Chains.

20, and 21, marked

T. 1 S., S. 16 on N.E.,  
R. 18 W., S. 21 on S.E.,  
S. 20 on S.W.,

S. 17 on N.W. faces, with 3 notches on S. and  
4 notches on E. edges; dug pits 18 x 18 x 12 ins., in  
each sec., 5½ ft. dist. and raised a mound of earth,  
4 ft. base, 2 ft. high, W. of cor.

Land mountainous & rough.

Soil 3rd rate.

Timber oak.

Undergrowth chaparral.

E. on a random line bet. secs. 16 & 21.  
40.00 Set temp. ¼ sec. cor.  
79.92 Intersect N. & S. line, 26 lks. North of cor. to secs.  
15, 16, 21 and 22.  
Thence I run  
N. 89° 49' W. on a true line bet. secs. 16 & 21.  
Descend.  
8.50 Canon, 40 lks. wide, course S. 45° E. 100 ft. below  
cor. to secs., 15, 16, 21 & 22; ascend.  
30.00 Top of spur, bears S.E. and N.W., 150 ft. above canon;  
descend.  
39.96 Set a sandstone, 18 x 10 x 10 ins., 12 ins. in the ground,  
for ¼ sec. cor. marked ¼ on N. face; dug pits 18 x 18 x  
12 ins., E. & W. of stone, 3 ft. dist. and raised a mound  
of earth, 3½ ft. base, 1½ ft. high, W. of cor.  
This ¼ sec. cor. is 100 ft. below top of spur; ascend.  
65.00 Top of divide, 200 ft. above ¼ sec. cor. bears N.W. & S.E.;  
descend.  
79.92 The cor. to secs. 16, 17, 20 & 21.  
Land mountainous.  
Soil 3rd. rate.  
Timber oak.  
Undergrowth same and chaparral.

Oct. 29, 1896;

Oct. 30th. 1896, at 7 h. 45m. A.M. l.m.t., I set off 34°  
04' N. on lat. arc; 14° 05' S. on the decl arc; and  
determine a true meridian with solar at cor. to secs. 16,  
17, 21 & 22, described on page.39.

Thence I run

S 0° 02' E. bet. secs. 20 & 21.

18.00 Gulch, 6 lks. wide, course N. 30° W.

Ascend ridge, through chaparral.

39.00 Top of ridge, bears N.W. & S.E., descend.

40.00 Set a buckthorn post, 3 ft. long, 3 ins. sq/, with  
marked stone 24 ins.; in the ground, for ¼ sec. cor.,  
marked ¼ S. on W. face; dug pits 18 x 18 x 12 ins., N.  
& S. of post, 3 ft. dist., and raised a mound of earth,  
3½ ft. base, 1½ ft. high, W. of cor.

61.14 Gulch, 8 lks. wide, course S. 20° E., ascend.

80.00 Set an oak post 3 ft. long, 4 ins., sq/, with marked stone  
24 ins. in the ground, for cor. to secs. 20, 21, 28 & 29,  
marked.

T. 1 E., S. 21 on N. E.,

R. 18 W., S. 28 on S.E.

S. 29 on S.W.,

S. 20 on N.W. faces, with 2 notches on S. and  
4 notches on E. edges; dug pits 24 x 24 x 12 ins., in each  
sec. 5½ ft. dist. and raised a mound of stone, 4 ft.  
base, 2 ft. high W. of cor.

This cor. is on a point of ridge.

Land rough and mountainous.

Soil, 3rd. rate.

Timber oak.

Undergrowth chaparral.

80  
61.14  
18.86  
6

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains

- E. on a random line bet. secs. 21 & 28.  
 40.00 Set temp  $\frac{1}{4}$  sec cor.  
 80.30 Intersect N & S line, 28 lks. North of cor. to secs.  
 21, 22, 27 & 28.  
 Thence I run  
 N  $89^{\circ} 48'$  W. on a true line bet. secs. 21 & 28.  
 Ascend through chaparral.  
 6.00 Top of spur, 70 ft. above cor. to secs. 21, 22, 27 & 28;  
 descend.  
 14.00 Head of gulch, 50 ft. below top of spur, course south;  
 ascend.  
 17.50 Top of spur, 40 ft. above gulch, bears N & S.; descend.  
 28.64 Gulch, 8 lks. wide, course S  $40^{\circ}$  W., 150 ft. below top  
 of spur; ascend  
 33.00 Top of spur, 30 ft. above gulch, bears S.  $40^{\circ}$  W. &  
 N  $49^{\circ}$  E.; descend.  
 36.74 Gulch, 8 lks. wide, course South, 40 ft. below top of  
 spur; ascend.  
 40.15 Set a sandstone 14 x 10 x 10 ins. 9 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, and raised a mound  
 of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Pits impracticable.  
 49.50 Top of spur, 175 ft. above  $\frac{1}{4}$  sec. cor., bears N & S.  
 descend.  
 77.00 East Fork Escondido Canon, 20 lks. wide, course S  $10^{\circ}$  W.,  
 about 400 ft. below spur.  
 From the point a spring bears N  $25^{\circ}$  E., 3.00 chs. dist.  
 80.30 The cor. to secs. 20, 21, 28 & 29.  
 Land mountainous.  
 Soil 3rd rate.  
 Timber oak.  
 Undergrowth same and dense chaparral.

Oct. 30, 1896.

T

- Oct. 31st., 1896, at 7h 45m, A.M., l.m.t., I set off  $34^{\circ} 03'$  on the lat. arc;  $14^{\circ} 24'$  S. on the decl. arc; and  
 determine a true meridian with the solar at the cor. to  
 secs. 20, 21, 28 & 29, described on page 40.  
 Thence I run  
 S.  $0^{\circ} 02'$  E. bet secs. 28 & 29.  
 Descend.  
 1.70 Gulch, 25 lks. wide, course S. E. ascend.  
 20.00 Top of spur, bears E. & W., descend.  
 40.00 Set an oak post, 3 ft. long, 3 ins. sq., 24 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S. on W. face,  
 from which  
 A like oak 10 ins. diam., bears S.  $89\frac{1}{2}^{\circ}$  E., 54 lks  
 dist., marked  $\frac{1}{4}$  S.B.T.,  
 A live Oak 8 ins. diam., bears N  $40^{\circ}$  E., 71 lks.  
 dist., marked  $\frac{1}{4}$  S.B.T.  
 Descend over rolling, rough ground;  
 42.50 Gulch 8 lks. wide, course S. E.; ascend.  
 80.00 Set an oak post, 3 ft. long, 4 ins. sq., 24 ins. in the  
 ground, for cor. to secs. 28, 29, 32 & 33, marked  
 T. 1 S., S. 28 on N. E.,  
 R. 18 W., S. 33 on S. E.,  
 S. 32 on S. W. and  
 S. 29 on N. W. faces, marked with 1 notch on S.  
 and 4 notches on E. edges, from which

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains.

An Oak 24 ins. diam., bears N 89° E., 138 lks. dist., marked T. 1 S., R. 18 W., S. 28 B. T.  
 A sycamore 30 ins. diam., bears S 50° E., 44 lks. dist., marked T. 1 S., R. 18 W., S. 33 B.T.  
 An oak 8 ins. diam., bears S 75° W., 19 lks, dist., marked T. 1 S., R. 18 W., S32 B. T.  
 An oak 6 ins. diam., bears N 80° W., 20 lks. dist., marked T. 1 S., R. 18 W., S. 29 B.T.

Reeve's house is in the S. W.  $\frac{1}{4}$  of Sec. 28.

Land, rough and mountainous.

Soil, 3rd. rate.

Timber oak & sycamore.

Undergrowth oak & dense chaparral.

E. on a random line bet. secs. 28 & 33.  
 40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect N. & S. line, 40 lks. North of cor. to secs. 27, 28, 33 & 34.  
 Thence I run  
 19.60 N. 89° 43' W. on a true line bet. secs. 28 & 33  
 Canon, 20 lks. wide, course South; ascend  
 32.69 Top of ridge, 200 ft. above canon, bears N.E. and S.W., descend.  
 39.95 Set a sandstone 24 x 18 x 18 ins., 18ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.  
 Pits impracticable.  
 45.10 Canon, 30 lks. wide, course south, 300 ft. below top of ridge; ascend  
 59.50 Road, bears N. & S.  
 66.50 Top of ridge, 200 ft. above canon, bears N. & S., descend.  
 79.50 Escondido Canon, 20 lks. wide, bears S. 15° W., 100 ft. below top of ridge, ascend.  
 79.90 The cor. to secs. 28, 28, 32 & 33.  
 Land mountainous.  
 Soil, 2nd. & 3rd. rate  
 Timber oak.  
 Undergrowth chaparral.

*to here*

S. 0° 02' E. bet. secs. 32 & 33.  
 Descend abruptly.  
 2.00 Canon, 20 lks. wide, course S. 15° W., 150 ft. below cor. to secs. 28, 29, 32 & 33, ascend.  
 17.69 Intersect Rancho Topango Malibu Sequit at a point N. 89° 20' E., 3.50 chs. dist., from cor. T.M.No. 7, which is a sycamore 24 ins. diam., marked and witnessed as described by the Surveyor General and  
 Set a sandstone 30 x 12 x 8 ins., 22 ins. in the ground for closing cor. to fractl. secs. 32 & 33, marked C.C. on N. and 4 grooves on E. faces; dug pits 24 x 18 x 12 ins., N. 89° 20' E. & S. 89° 20' W., 4 ft., dist. and raised a mound of earth, 4 ft. base, 2 ft. high, N. 0° 02' W. of cor.  
 Land; rough and mountainous.  
 Soil 3rd. rate.  
 Timber oak.  
 Undergrowth of chaparral.

Oct. 31 st., 1896.

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains

- Nov. 2nd 1896, at 7h 45m A.M., l.m.t., I set off  $34^{\circ} 07'$  N. on the lat. arc;  $15^{\circ} 01'$  S. on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 31, 32, 5 & 6 described on page 9 of my Book of Exteriors.
- Thence I run  
S.  $0^{\circ} 03'$  E. bet. secs. 5 & 6.  
Ascend through dense chaparral.
- 13.30 Top of ridge, bears E. & W., 50 ft. above cor. to secs. 31, 32, 5 & 6.  
Descend.
- 31.50 Gulch, 7 lks. wide, course S.  $10^{\circ}$  E., 75 ft. below top of ridge; ascend.
- 40.00 Set a sandstone 18 x 10 x 6 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Pits impracticable.
- 41.40 Top of spur, bears S.  $8^{\circ}$  E., & N.  $8^{\circ}$  W., 100 ft. above gulch; descend.
- 54.75 Canon, 15 lks. wide, course S.  $40^{\circ}$  E., 150 ft. below top of spur; ascend
- 78.00 Top of spur, 200 ft. above canon, bears E. & W., descend
- 80.00 Set a sandstone 14 x 12 x 10 ins. 9 ins., in the ground, for cor. to secs., 5, 6, 7 & 8, marked with 5 notches on S. & E. edges, from which  
A live oak 6 ins. diam., bears S.  $19^{\circ}$  W., 100 lks. dist., marked T. 1 S., R. 18 W., S. 7 B.T.  
No other tree within limits, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.  
Land mountainous & rough  
Soil 3rd rate.  
Timber oak.  
Undergrowth chaparral.
- 
- E. on a random line bet. secs. 5 & 8.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.42 Intersect N. & S., line, 38 lks. South of cor. to secs. 4, 5, 8 & 9.  
Thence I run  
S.  $89^{\circ} 44'$  W. on a true line bet. secs. 5 & 8.  
Ascend through chaparral.
- 14.25 Top of spur, 125 ft. above cor. to secs. 4, 5, 8 & 9, bears N. & S., descend.
- 40.21 Set a sandstone 18 x 12 x 7 ins. 12 ins in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, and raised a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Pits impracticable.
- 40.15 Canon, 12 lks. wide, course N.  $30^{\circ}$  W., 50 ft. below  $\frac{1}{4}$  sec. cor.; ascend.
- 43.59 Top of spur, 75 ft. above canon, bears N. & S., descend
- 49.53 Canon, 12 lks. wide, course N.  $10^{\circ}$  W., 100 ft. below top of spur; ascend
- 52.20 Top of spur, bears N.  $10^{\circ}$  W., & S.  $10^{\circ}$  E., descend.
- 71.46 Road, bears N. & S.  
Alice Ballard's house, bears South, 8.00 chs. dist.
- 80.42 The cor. to secs. 5, 6, 7 & 8.  
Land mountainous.  
Soil, 3rd. rate.  
Timber oak.  
Undergrowth oak & chaparral.



Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains.

- West on a random line bet. secs. 6 & 7.  
 40.00 Set temp  $\frac{1}{4}$  sec. cor.  
 80.30 Intersect West bdy. of Tp. 38 lks. N. of the cor. to secs. 1, 6, 7 & 12, described on page of my Book of Exteriors. Thence I run N.  $89^{\circ} 44'$  E., on a true line bet. secs. 6 & 7.  
 6.25 Canon, 20 fms. wide, course N.  $40^{\circ}$  W., 100 ft. below cor. to secs. 1, 6, 7 & 12, ascend over rough ground through dense chaparral.  
 27.65 Top of ridge, 200 ft. above canon, bears S.  $25^{\circ}$  E. & N.  $25^{\circ}$  W., descend.  
 39.60 Head of gulch, course north, 50 ft. below top of ridge ascend.  
 40.30 Set a sandstone 18 x 12 x 12 ins., 12 ins., in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 45.40 Top of spur, 75 ft. above gulch, bears N. & S., descend. over rough and broken ground.  
 60.40 Gulch, 8 lks. wide, course S.E. Ascend.  
 80.30 The cor. to secs. 5, 6, 7 & 8. Land rough and mountainous. Soil 3rd rate. Timber oak. Dense undergrowth chaparral. S.  $0^{\circ} 03'$  E. bet. secs. 7 & 8. Descend through chaparral.  
 3.10 Canon, 10 lks. wide, course East, 75 ft. below cor to secs. 5, 6, 7 & 8, ascend.  
 9.00 Top of spur, bears E. & W.  
 13.75 Cross road, bears E. & W., 90 ft., above canon, descend.  
 26.00 Gulch, 8 lks. wide, course N.  $50^{\circ}$  E., ascend.  
 40.00 Falls on a boulder 9 x 6 x 4 ft. above ground I cut a cross (X) at the exact cor. point-for  $\frac{1}{4}$  sec. cor. mark  $\frac{1}{4}$  on W. side, from which  
 A live oak 24 ins. diam., bears S.  $0^{\circ} 35'$  W., 15 lks. dist; marked  $\frac{1}{4}$  S.B.T.  
 No other trees within limits, and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Pits impracticable.  
 51.25 Enter Oak timber, bears E. & W. A cabin, bears W., 300 lks. dist., ascend.  
 54.50 Top of spur, bears E. & West; descend  
 67.35 Gulch, 4 lks. wide, course West; ascend.  
 80.00 Set a sandstone 16 x 14 x 4 ins., 11 ins. in the ground, for cor. to secs. 7, 8, 17 & 18, marked with 4 notches on S. and 5 notches on E. edges, dug pits 24 x 24 x 12 ins., in each sec.  $5\frac{1}{2}$  ft. dist., and raised a mound of earth, 4 ft. base, 2 ft. high W., of cor. From this cor.  
 A live oak 18 ins., diam., bears S.  $60\frac{1}{2}^{\circ}$  W., 136 lks. dist., marked T. 1 S., R. 18 W., S. 18 B.T. Land broken & mountainous. Soil 3rd rate. Timber oak; and dense undergrowth of same and chaparral.  
 Nov. 2, 1896.  
 Nov. 3rd. 1896, at 8h 00m A.M. 1.m.t., I set off  $34^{\circ} 05'$  N. on the 1st. arc;  $15^{\circ} 30'$  S. on the decl arc, and determine a true meridian with the solar at the cor. to secs. 7, 8, 17 & 18, described on Pg. 48. Thence I run E. on a random line bet. secs. 8 & 17.

28.75  
 17250  
 17250  
 1897.50

25.5  
 1350  
 1350  
 1650

255

12.25  
 7570  
 7570  
 8320

136  
 816  
 816  
 897.50

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains,

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.27 Intersect N. 7 S. line, 10 lks. North of cor. to secs.,  
 8, 9, 16 & 17.  
 Thence I run  
 N.  $89^{\circ} 56'$  W. on a true line bet. secs. 8 & 17.  
 Ascend through chaparral.  
 4.00 Top of ridge, bears S.  $85^{\circ}$  E. & N.  $85^{\circ}$  W., descend.  
 4.05 Canon, 16 lks. wide, S.  $15^{\circ}$  W., ascend.  
 27.00 Top of divide, bears N. E. & S.W. descend.  
 40.13 Set a sandstone  $24 \times 12 \times 8$  ins., 16 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a mound of  
 stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Pits impracticable.  
 52.60 Canon, 18 lks. wide, course N.  $45^{\circ}$  W., ascend.  
 65.50 Top of spur, bears N. & S., descend.  
 80.27 The cor. to secs. 7, 8, 17 & 18.  
 land mountainous & rough.  
 Soil 3rd. rate.  
 Timber oak.  
 Dense undergrowth of chaparral.

12.77  
 58.62  
 58.62  
 97

40.00 West on a random line bet. secs. 7 & 18.  
 79.92 Set temp  $\frac{1}{4}$  sec. cor.  
 Intersect W. bdy of Tp. 16 lks. North of the cor. to secs.  
 7, 12, 13 & 18, described on Pg. 4 of my Book of Exteriors.  
 Thence I run  
 N.  $89^{\circ} 53'$  E. on a true line bet. secs. 7 & 18.  
 Ascend.  
 6.50 Top of spur, bears N. & S., descend.  
 18.90 Canon, 8 lks. wide, course N.  $70^{\circ}$  W., ascend.  
 35.50 Top of ridge, bears N.  $45^{\circ}$  W., & S.  $45^{\circ}$  E., descend.  
 39.92 Set a Limestone  $18 \times 14 \times 10$  ins., 12 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which a  
 live oak 12 ins. diam., bears S.  $68\frac{1}{2}^{\circ}$  E., 100 lks.  
 dist., marked  $\frac{1}{4}$  S.B.T.  
 No other tree within limits & raised a mound of stone,  
 2 ft base.  $1\frac{1}{2}$  ft. high N. of cor. Pits impracticable.  
 52.50 Head of gulch, course N. W., ascend.  
 70.50 Top of ridge, bears N.  $40^{\circ}$  W., & S.  $40^{\circ}$  E., descend.  
 78.40 Canon, 10 lks. wide, course N.W., ascend.  
 79.92 The cor. to secs. 7, 8, 17 & 18.  
 Land, rough & mountainous.  
 Soil, 3rd rate.  
 Timber oak.  
 Undergrowth same & chaparral.

79.92  
 20.50  
 9.42  
 52.50  
 62.17  
 1.52  
 71.2  
 100.82

S.  $0^{\circ} 63'$  E. bet. secs. 17 & 18.  
 Ascend.  
 10.00 Top of ridge, bears E. & W., 300 ft. above cor. to secs.  
 7, 8, 17 & 18, descend.  
 34.25 Cross East Fork of La Sierra Canon, 20 lks. wide, course  
 S.  $80^{\circ}$  W., 250 ft. below top of ridge, ascend.  
 38.00 Trail, bears N. E. & S.W., descend.  
 39.75 Gulch, 10 lks. wide, course N. W. ascend  
 40.00 Set a sandstone  $15 \times 15 \times 8$  ins., 10 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, from which  
 A live oak 7 ins. diam., bears S.  $73\frac{1}{4}^{\circ}$  E., 35 lks.,  
 dist., marked  $\frac{1}{4}$  S.B.T.

Chains.

Subdivisions of T. 1 S., R. 18 W., S.B.M.

A live oak 9 ins. diam., bears N.  $61\frac{1}{2}^{\circ}$  W., 44 lks. dist., marked  $\frac{1}{4}$  S.B.T.

48.50 Top of ridge 300 ft. above  $\frac{1}{4}$  sec. cor. Descend.

69.75 Head of Canon, N.  $60^{\circ}$  W., 325 ft. below top of ridge; ascend.

80.00 Set a sandstone 20 x 12 x 10 ins., 15 ins. in the ground, for cor. to secs., 17, 18, 19, 20, marked with 3 notches on S. and 5 notches on E. edges; dug pits 18 x 18 x 12 ins. in each sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth, 4 ft. base, 2 ft. high W. of cor.  
Land mountainous.  
Soil, 2nd. & 3rd. rate.  
Timber oak.  
Undergrowth chaparral.

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E. on a random line bet. secs. 17 & 20.

40.00 Set temp  $\frac{1}{4}$  sec. cor.

80.10 Intersect N. & S. line, 10 lks. N. of cor. to secs. 16, 17, 20 & 21.  
Thence I run  
N.  $89^{\circ} 56'$  W. on a true line bet. secs. 17 & 20.

12.16 Gulch, 6 lks. wide, course N. W., ascend.

36.00 Top of ridge, bears N. W. & S.E., descend.

40.05 Set a sandstone 22 x 18 x 10 ins. 16 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
Pits impracticable.

45.50 Wire fence, bears N & S., ascend.

47.00 Top of spur, 90 ft. above  $\frac{1}{4}$  sec. cor., bears S.  $15^{\circ}$  W., & N.  $15^{\circ}$  E., descend.

52.09 Gulch, 10 lks. wide, course N.  $10^{\circ}$  E., about 110 ft. below top of spur, ascend.

70.00 Top of spur, 100 ft. above gulch, descend.

80.10 The cor. to secs. 17, 18, 19, 20.  
Land mountainous.  
Soil 2nd. and 3rd. rate.  
Timber oak.  
Undergrowth chaparral.

Nov. 3rd. 1896.

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Nov. 4th. 1896, at 8h 00m A.M., l.m.t., I set off  $34^{\circ} 04'$  N. on the lat. arc;  $15^{\circ} 40'$  S. on the decl. arc; and determine a true meridian with the solar at the cor. to secs. 17, 18, 19 & 20, described on page 51.  
Thence I run  
S.  $89^{\circ} 53'$  E. on a true line bet. secs. 18 & 19.  
descend.

1.35 Gulch, 8 lks. wide, course N.  $35^{\circ}$  W., descend.

4.95 Top of spur, bears N.  $28^{\circ}$  W. & S.  $28^{\circ}$  E., descend.  
Enter oak timber bearing N. & S.

7.00 ~~4.00~~ Small valley in low sag, bearing N.  $45^{\circ}$  E., & S.  $45^{\circ}$  W.  
Leave timber.

15.50 Enter cultivated land, bears N. & S.

23.50 Gulch, 6 lks. wide, course South, ascend.

30.00 Top of spur, bears N. & S., descend.

32.00 Leave cultivated land, bears N. & S.

32.70 Gulch, 8 lks. wide, course S., ascend.

34.50 Top of sharp spur, bears N. & S., descend.

38.75 Cross wire fence, bearing N. & S. in a gulch, 12 lks. wide, course South.

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains.

- 40.33 Set a sandstone 24 x 12 x 6 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; dug pits 18 x 18 x 12 ins. E. & W. of stone, 3 ft. dist. and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., ascend.
- 48.00 Top of ridge, bears N. & S., descend.
- 48.50 Gulch, course S., ascend.
- 75.50 Top of ridge, bears S.  $45^\circ$  E. N.  $60^\circ$  W., descend.
- 80.33 The cor. to secs. 17, 18, 19 & 20.  
Land mountainous.  
Soil 2nd., 3rd. rate.  
Timber oak.  
Undergrowth of oak & chaparral.
- 
- S.  $0^\circ 03'$  E., bet. secs. 19 & 20.  
Ascend.
- 12.00 Top of ridge, bears N.W. & S.E., descend.
- 26.86 Gulch, 5 lks. wide, course S.  $70^\circ$  W., ascend.
- 40.00 Set a sandstone 12 x 12 x 6 ins., 8 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; and raised a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Pits impracticable.
- 48.00 Top of ridge, bears N. W. & S.E., descend.
- 64.60 Gulch, 12 lks. wide, course S.  $30^\circ$  E.
- 80.00 Set a live oak post 3 ft. long, 4 ins., sq., 24 ins. in the ground for cor. to secs. 19, 20, 29 & 30, marked with 2 notches on S. and 5 notches on E. edges, from which  
A live oak 8 ins. diam., bears N.  $42^\circ$  W., 42 lks. dist., marked T. 1 S., R. 18 W. S. 19 B.T.  
A live oak 10 ins. diam., bears S.  $5\frac{1}{2}^\circ$  W. 26 lks. dist., marked T. 1 S., R. 18 W. S. 30 B.T.  
No other trees within limits, raised a mound of earth, 4 ft. base, 3 ft. high W. of cor.  
This cor. is on a ridge.  
Land mountainous.  
Soil 3rd rate.  
Timber oak.  
Dense undergrowth of chaparral.  
See P 15 of Supply notes of 1 N & 1 S 18 W for Latitude Observation
- 
- E. on a random line bet. secs. 20 & 29.
- 40.00 Set temp  $\frac{1}{4}$  sec. cor.
- 79.98 Intersect N. & S. line, 16 lks. South of cor. to secs. 20, 21, 28 & 29.  
Thence I run  
S.  $89^\circ 53'$  W. on a true line bet. secs. 20 & 29.  
Descend through dense chaparral.
- 4.50 West Fork of a Canon, 20 lks. wide, course S.  $65^\circ$  E., 150 ft. below cor. to secs. 20, 21, 28 & 29.  
Ascend through chaparral.
- 35.00 Top of spur, bears N. & S., 300 ft. above canon, descend.
- 39.99 Set a sandstone, 16 x 8 x 8 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; dug pits 18 x 18 x 12 ins. E. & W. of stone, 3 ft. dist. and raised a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 49.52 East Fork Ramirez Canon, course S.  $40^\circ$  W., about 150 ft. below top of spur, ascend.
- 60.00 Top of spur, 175 ft. above canon, bears S.  $30^\circ$  W. & N.  $30^\circ$  E., descend.

Subdivisions of T. 1 S., R. 18 W.S.B.M.  
 7.50 Fork Ramirez Canon, 20 lks. wide, course S. 20° E., 150  
 ft. below top of spur.  
 72.00 West bank of canon, ascend.  
 79.98 The cor. to secs. 19, 20, 29 & 30.  
~~This cor. to secs. 19, 20, 29, & 30.~~  
 This cor. is 150 ft. above canon.  
 Land, mountainous.  
 Soil, 3rd rate.  
 Timber oak.  
 Undergrowth dense chaparral.

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40.00 West on a random line bet. secs. 19 & 30.  
 80.21 Set temp  $\frac{1}{4}$  sec. cor.  
 Intersect W. bdy of Tp. 31 lks. South of the cor. to secs.  
 19, 24, 25 & 30, described on page of my Book of  
 Exteriors.  
 Thence I run  
 S 89° 47' E. on a true line bet. secs. 19 & 30.  
 Descend over rough ground.  
 22.05 Gulch, 5 lks. wide, course S. 55° E., ascend.  
 40.21 Set a sandstone 18 x 14 x 6 ins., 12 ins., in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a mound  
 of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.  
 Pits impracticable.  
 42.00 Top of spur, bears S.E. & N.W., descend.  
 59.77 Gulch, 6 lks. wide, course S. 30° W., ascend.  
 80.21 The cor. to secs. 19, 20, 29 & 30.  
 Land rough mountainous.  
 Soil, 3rd rate.  
 Timber oak.  
 Dense undergrowth same and chaparral.  
 Nov. 4, 1896.

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Nov. 5th. 1896, at 8h 00m A.M., l.m.t., I set off 34°  
 03' N. on the lat. arc; 15° 58' W. on the decl. arc; and  
 determine a true meridian with the solar at the cor. to  
 secs. 19, 20, 29 & 30, described on page 54.  
 Thence I run  
 S. 0° 03' E. bet. secs. 29 & 30.  
 Ascending through oak and chaparral.  
 11.50 Top of spur, 60 ft. above cor. to secs. 19, 20, 29 & 30,  
 bears E. & W., descend.  
 Leave timber  
 25.25 Gulch, 10 lks. wide, course East, 90 ft. below spur,  
 ascend.  
 33.00 Top of spur, 90 ft. above gulch, bears N 60° E. & S.  
 60° W., descend.  
 39.54 Gulch, 12 lks. wide, course N. 30° E., 70 ft. below top  
 of spur, ascend.  
 40.00 Set a sandstone 20 x 14 x 10 ins., 15 ins. in the ground,  
 for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face, from which  
 A live oak 14 ins. diam., bears N. 26° W., 178 lks.  
 marked  $\frac{1}{4}$  S.B.T.  
 A live oak 3 ins. diam., bears N. 30 $\frac{1}{2}$ ° E., 206 lks.  
 dist., marked  $\frac{1}{4}$  S.B.T.  
 60.00 Top of ridge, bears N.W. & S.E., descend.  
 80.00 Set a sycamore post, 3 ft. long, 4 ins. square, 24 ins., in  
 the ground, for cor. to secs. 29, 30, 31 & 32, marked  
 T. 1 S., S. 29 on N.E.,  
 R. 18 W., S. 32 on S.E.,  
 S. 31 on S.W. and  
 S. 30 on N.E. Faces; with 1 notch on S. and 5

## Chains

Subdivisions of T. 1 S., R. 18 W., S.B.M.  
notches on E. edges; from which

- An oak 10 ins. diam., bears N. 60° E., 46 lks.  
dist., marked T. 1 S., R. 18 W., S. 29 B.T.  
An oak 16 ins. diam., bears S. 45° E., 120 lks.  
dist., marked T. 1 S., R. 18 W., S. 32 B.T.  
An oak 18 ins. diam., bears N 47° W., 52 lks.  
dist., marked T. 1 S., R. 18 W., S. 30 B.T.  
No other tree within limits.

The cor. is 1.00 ch. South of a Spring in a canon bears  
N.W. & S.E.

Land mountainous.

Soil 3rd rate.

Timber oak.

Dense undergrowth same & chaparral.

E. on a random line bet. secs. 29 & 32.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.20

Intersect N. & S. line, 26 lks. North of cor. to secs.  
28, 29, 32 & 33.

Thence I run

N. 89° 49' W. on a true line bet. secs. 29 & 32.

Ascend.

22.50

Top of ridge, bears N. & S., 200 ft. above cor. to secs.  
28, 29, 32 & 33, descend.

40.10

Set a sandstone 36 x 24 x 10 ins., 27 ins. in the ground,  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face and raised a mound  
of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high N. of cor.

Pits impracticable.

This cor. is in a very dry canon, 18 lks. wide, course  
south, 200 ft. below top of ridge, ascend.

54.00

Top of ridge, bears N. & S., descend.

76.00

Canon, 50 lks. wide, course South, 300 ft. below top  
of ridge, ascend.

80.20

The cor. to secs. 29, 30, 31 & 32.

Land rough & mountainous.

Soil 3rd rate.

Timber oak.

Undergrowth, chaparral.

Nov. 5, 1896.

Nov. 6, 1896, at 8h 00m A.M., l.m.t., I set off 34° 03'  
N. on lat. arc; 16° 16' S. on decl. arc, and determine a  
true meridian with the solar at cor. to secs. 29, 30,  
31 & 32, described on page 58.

Thence I run

W. on a random line bet. secs. 30 & 31.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

80.16

Intersect W. bdy of Tp. 20 lks. South of cor. to secs.  
25, 30, 31 & 36, described by me on page \_\_\_ of my  
Book of Exterior s.

Thence I run

S. 89° 51' E. on a true line bet. secs. 30 & 31.

Descend.

40.16

Set an oak post 3 ft. long, 3 ins. sq., with marked stone,  
24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  S. on N.  
face and raised a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor. Pits impracticable. ascend.

50.50

Top of ridge, bears N. & S., descend.

74.60

Cross Zuma canon, course S. 10° E.,

80.16

The cor. to secs. 29, 30, 31 & 32, 400 below top of ridge.

Land rough & mountainous.

Soil 3rd rate.

Subdivisions of T. 1 S., R. 18 W., S.B.M.

Chains

Timber oak.  
Undergrowth chaparral.

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39.53 S.  $0^{\circ} 03'$  E. between secs. 31 & 32.  
Descend along West slope of Ramariz Canon.  
Intersect Rancho Topanga Malibu Sequit at a point N  $86^{\circ} 25'$  W.  
9.42 chs. dist., from cor. T.M.No.8, which is a live  
oak 30 ins. diam., marked and witnessed as described by  
The Surveyor General, and  
Set an oak post, 3 ft. long, 4 ins., sq., with marked stone  
24 ins. in the ground, for closing cor. to fracl. secs.  
31 & 32, marked  
C.C.T. 1 S., R. 18 W. on N.,  
S. 32 on E.,  
S. 31 on W. faces, with 5 grooves on E. dug  
pits 24 x 18 x 12 ins., N.  $86^{\circ} 26'$  W. and S.  $86^{\circ} 26'$  E.,  
3 ft. and N.  $0^{\circ} 03'$  W. of post 7 ft. dist. and raised a  
mound of earth, 4 ft. base, 2 ft. high N.  $0^{\circ} 03'$  W. of  
cor.  
This closing cor. is on the West slope of Ramarez Canon.  
Land rough and mountainous.  
Soil 3rd rate.  
Timber oak.  
Undergrowth chaparral.

Nov. 6, 1896.

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