

Certified Transcript of
Field Notes of Survey

of

Sections 6,17,18,19,30 and 31 in T.3 N., R.7 W.

San Bernardino Meridian

California.

R6W		R7W	
36 ¹	31 ¹⁷	32 ¹⁷	T4N
1 ¹¹	6 ¹⁸	5 ¹⁷	T3N
12 ²	7 ¹⁴	8 ¹⁵	
13 ³	18 ¹⁵	17 ¹⁴	
24 ⁵	19 ¹³	20 ¹³	
25 ⁸	30 ¹²	29 ¹²	
36 ⁶	31 ¹¹	32 ¹¹	T3N
1 ⁴	6 ⁶	5 ⁴	T2N
R8W		R7W	

Surveyed by Wm. Minto, Contract of May 26, 1882, Book 161, Part 34.

E.B. T. 4 N., R. 8 W., S.B.M.

South on a true line between Sections 31 and 36. Va. $14^{\circ}45'$ East

80.00

Set a white granite stone 20x15x10 ins. 12 in. deep in ground for corner to Township 3 and 4 N., Ranges 7 and 8 W. Sections 1, 6, 31 and 36, with 6 notches on N.S.E. and W. edges, from which bears a

Mahogany 8 ins. dia. N. 9° E., 10 lks. distant, marked T. 4 N., R. 7 W. S. 31 B.T.

Digger pine 15 ins. dia. S. $41\frac{1}{4}^{\circ}$ E. 22 lks. dist. marked T. 3 N., R. 7 W. S. 6 B.T.

Digger pine 7 ins. dia. S. $17\frac{1}{2}^{\circ}$ W. 38 lks. dist. marked T. 3 N., R. 8 W., S. 1 B.T., made stone mound 4 ft. base and 2 ft. high alongside.

Pits impracticable.

Land, mountainous, very rough, N. slope. Soil 2nd & 3rd rate.

Digger pine, pinion pine, and mahogany timber.

Undergrowth of chaparral, manzanita, buckbrush and oak.

July 6.

E.B.T. 3 N., R. 8 W., S.B.M.

From corner to Townships 3 and 4 N. Ranges 7 and 8 W. Secs. 1, 6, 31 and 36, I run

South, on a true line between Sections 1 and 6. Va. $14^{\circ}45'$ East
Descend abruptly.

9.50
28.50

Deep ravine, course N.E. and ascend very steep.

Main divide line between Mojave Desert and Swearthout Canon, bears N. 70° W. and S. 70° E.

Descend gradual.

37.00
40.00

Descend abruptly.

Set a granite stone 16x14x14 ins., 9 ins. deep in ground, for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on W. face, raised mound of stone 2 ft. high and 4 ft. base alongside.

Pits impracticable.

Corner set on steep S.E. slope.

52.00
60.00

Ravine, course S.E. and enter Swearthout Canon.

Descend gradually.

80.00

Set a granite stone 20x10x10 ins., 12 ins. deep in ground for cor. to Secs. 1, 6, 7 and 12, raised mound of stone, 2 ft. high, 4 ft. at base alongside.

Pits impracticable.

John Van Lenvan's house bears S. $24\frac{1}{2}^{\circ}$ E.

Land, Canon, Divide and broken abrupt mountains.

E.B.T. 3 N., R. 8 W., S.B.M.

Soil, 2nd. and 3rd. rate.

S. $\frac{1}{2}$ mile sagebrush.

N. $\frac{1}{2}$ mile, scattering of yellow pine, fir and spruce timber, oak and mahogany, Undergrowth of same.

Latitude by observation.

South on a true line between Sections 7 and 12. Va. 14°15' East
Descend gradually.

4.90 Road in Swearthout Canon, from Mathis house to Sheep Creek Canon bears N. 70° E. and S. 70° W.

10.00 Swearthout Creek, 10 lks. wide in Arroyo 2.00 chs. wide, course S. 70° E. Ascend gradually through Willows.

11.50 Leave willows.

16.00 Brush fence, bears N. 20° E. and S. 20° W.

19.00 Brush fence, bears E. and W.

22.00 Leave Swearthout Canon bearing E. and W. and ascend steep Mt. spur.

25.00 John Van Lenvan's house bears N. 41 $\frac{1}{2}$ ° E.

33.50 Spur, bears N.E.

36.00 Head of ravine, bears N. 45° E.

40.00 Set a slate stone 24x15x3 ins., 15 ins. deep in ground, for $\frac{1}{4}$ section corner, marked on W. face, raised stone mound alongside, from which bears

A yellow pine, 28 ins. dia. N. 51° W. 80 lks. dist. marked $\frac{1}{4}$ S.B.T.
A yellow pine, 20 ins. dia. N. 55° E. 50 v lks. dist. marked $\frac{1}{4}$ S.B.T.

42.00 Spur bears N. 45° E.

46.50 Ravine, bears N. 60° E.

50.00 Spur bears N. (60 $\frac{3}{4}$ °)
60° E.

58.00 Ravine bears N. 40° E.

70.50 Spur bears N. 40° E.

75.00 Deep ravine bears N. 10° E. and very steep ascent.

80.00 Set a granite stone 30x6x5 ins. 20 ins. deep in ground for corner to Sections 7, 12, 13 and 18, marked with 4 notches on S. and 2 notches on N. edges, from which bears a

Yellow pine, 48 ins. dia. N. 34 $\frac{1}{2}$ ° E, 58 lks. dist. marked T. 3 N., R. 7 W. S. 7 B.T.

Yellow pine, 24 ins. dia. S. 66 $\frac{1}{2}$ ° E, 26 lks. dist. marked T. 3 N., R. 7 W. S. 18 B.T.

Yellow pine, 8 ins. dia. S. 84 $\frac{1}{4}$ ° W., 24 lks. dist. marked T. 3 N., R. 8 W., S. 12 B.T.

Fir 8 ins. dia. S. 47 $\frac{1}{2}$ ° W. 17 lks., marked T. 3 N., R. 8 W., S. 13 B.T.

Land, very abrupt mountain spurs, sloping N. and N.E.

Soil, 2nd and 3rd rate.

Yellow pine, fir and spruce timber and undergrowth of same.

E.B. T.3 N., R.8 W., S.B.M.

South on a true line bet. Secs. 13 and 18. Va.15°15' East
Steep ascent

(45°)

- 8.00 High mountain spur, bears N. 42° E. and descend abruptly.
29.00 Deep ravine, bears N. 30° E. Stream in same 3 lks. wide, ascend
very steep over loose rocks and granite bluffs.
40.00 Marked a spruce 54 ins. dia. $\frac{1}{4}$ S. Cor. on W. face for $\frac{1}{4}$ sec. cor.
from which bears a
Yellow pine, 42 ins. dia. S. 78 $\frac{1}{2}$ ° E. 65 lks. dist. marked $\frac{1}{4}$ S.B.T.
Yellow pine, 14 ins. dia. S. 66 $\frac{1}{2}$ ° W. 50 lks. dist. marked $\frac{1}{4}$ S.B.T.
- 50.00 Spur slopes N. 30° E.
60.50 Head of ravine bears N.E.
63.50 Main Divide between waters running into Swearthout Canon and San
Gabriel River, bears N. 70° E. & S. 70° W.
74.50 Ravine runs S.W. from N.W. and ascend.
79.50 Descend.
80.00 Set a granite stone 30x12x4 ins., 18 ins. deep in ground for cor. to
Secs. 13, 18, 19 and 24, marked with 3 notches on N. and S. edges and
raised mound of stone 2 ft. high & 4 ft. at base alongside,
from which bears a
Yellow pine 24 ins. dia. N. 31° W. 29 lks. dist., marked T.3 N.
R.7 W. S. 18 B.T.
Yellow pine 26 ins. dia. S. 85° E. 43 lks. dist., marked T.3 N.
R.7 W. S. 19 B.T.

Land very abrupt on both sides of divide.
Soil 2nd and 3rd rate.
Yellow pine, spruce and fir timber.
Undergrowth of buckbrush, chaparral and chincopins

South on a true line between Sections 19 and 24. Va.15°15' East
Descend abruptly

- 22.00 Head of ravine bears S.W.
40.00 Set a granite stone 15x10x9 ins., 10 ins. deep in ground for $\frac{1}{4}$
section corner, marked $\frac{1}{4}$ on W. face, raised a mound of stone 2 ft.
high 4 ft. at base alongside.

In advance abrupt descent over loose rocks towards rocky bed of
San Gabriel River, impracticable to chain and unfit for cultiva-
tion.

Land very steep and abrupt S.W. slope of mountain.
Soil, 2nd and 3rd rate.
Timber of pine, scattering, some buckbrush and manzanita.

July 8th, 1882.

Surveyed by J.R. Glover, Contract of Jan. 14, 1884, Book 161, Part 21.

W. Boundary T. 2 N., R. 7 W., S.B.M.

North between Secs. 1 and 6.

Va. 14°26' East

80.00

Set a granite stone 24x20x10 ins. 18 ins. in the ground for cor. to Tps. 2 and 3 N., Rs. 7 and 8 W., marked with 6 notches on each edge and raised a mound of stone alongside.

Pits impracticable.
Land, mountainous.
Soil, 2nd. and 3rd. rate.
Dense undergrowth of manzanita.

I carefully examined the adjustments of my solar compass today, particularly the latitude and reversing apparatus and found them correct.

February 2nd. 1884.

N. Boundary T. 2 N., R. 7 W., S.B.M.

Before proceeding further with the exteriors of this Tp. I made a change of 6 minutes in the latitude arc of my solar compass by adding same to the reading previously given and at noon, verified and corrected same by observation on the sun. I also further tested instrument by reversing. I took the latitude and found it to be 34°18' N. From the cor. to Tps. 2 and 3 N. Rs. 7 and 8 W. I run East on a random line on N. boundary of Tp.

Va. 14°26' East.

I set temporary corners at every 40 and 80 chs. and at 6 miles, 84 lks. I arrive at a point 94 lks. N. of cor. to Tp. 2 and 3 N., Rs. 6 and 7 W. previously set by me, from which cor. I run N. 89°53' W. on a true line bet. Secs. 1 and 36.

Va. 14°26' East

N. 89°53' W. on a true line bet. Secs. 5 and 32.

Va. 14°26' East

80.00

Set a quartz stone 13x12x9 ins., 9 ins. in the ground for cor. to Secs. 5, 6, 31 and 32, marked with 5 notches on E. and 1 notch on W. edges and raised a mound of stone alongside.

Pits impracticable.
Land mountainous.
Soil 2nd. and 3rd. rate.
Dense undergrowth of manzanita.

N. 89°53' W. on a true line, bet. Secs. 6 and 31. Va. 14°26' East
Along N. slope.

40.00

Set a quartz stone 17x10x6 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 alongside.

Pits impracticable.

80.85

The cor. to Tps. 2 and 3 N., Rs. 7 and 8 W.
Land, mountainous. Soil 2nd. and 3rd. rate.
Dense undergrowth of manzanita.

February 4th. 1884.

(Surveyed by G.W. Pearson, Contract of December 10, 1883, Book 215, Part 18)

T. 3 N., R. 8 W., S.B.M.

From the established corner to Sections 13, 18, 19 and 24, on the east boundary of township, which is a granite stone 12 ins. above ground marked with 3 notches on north and south edges; from which bears

Yellow pine 26 ins. dia. north 31° west, 29 lks. dist.
marked T. 3 N., R. 8 West, Sec. 18 B.T.

Yellow pine 26 ins. dia. south 85° east, 43 lks. dist.
marked T. 3 N., R. 7 West, Sec. 19 B.T.

and large mound of stone around post. I run

South on a true line between Sections 19 and 24. Var. $14^{\circ}28'$ East.
Ascend.

- 10.00 Top of ridge bears northeast and southwest and descend.
21.00 Ravine 30 links wide, course southwest and ascend.
40.00 After diligent search being unable to find old corner I
Set granite stone 17x11x6 ins., 12 ins. in the ground for $\frac{1}{4}$ section
corner marked $\frac{1}{4}$ on west face and raised mound of stone alongside.
Pits impracticable.
- 63.20 Top of ridge bears Northeast and Southwest and descend.
80.00 Set sandstone 16x11x9 ins., 11 ins. in the ground for corner to
Sections 19, 24, 25 and 30, marked with 4 notches on the north and 2
notches on the south edges and raised mound of stone alongside.

Pits impracticable.

Land, mountainous.

Soil, third rate.

Timber, none.

Dense undergrowth of chaparral 20 chains north; and 60 chains have
rocky hills.

South on a true line between Sections 25 and 30. Var. $14^{\circ}28'$ East

Descend.

- 6.75 Ravine 1.00 chain wide, course southwest and ascend.
32.50 Top of ridge bears north north 50° east and south 50° west and descend.
40.00 Set granite stone 12x10x9 ins. 7 ins. in the ground for $\frac{1}{4}$ section
corner marked $\frac{1}{4}$ on west face and raised mound of stone alongside.
Pits impracticable.
- 72.20 Ravine, 75 links wide, course south 80° west and ascend.
- 80.00 Set granite stone 28x14x12 ins. 18 ins. in the ground for corner to
Sections 25, 30, 31 and 36 marked with 5 notches on the north and
1 notch on the south and raised mound of rocks alongside.

Pits impracticable. Land, mountainous. Soil, third rate.

Timber, none. Dense undergrowth of chaparral.

March 11, 1884.

T. 3 N., R. 8 W., S.B.M.

South, on a true line between Sections 31 and 36. Var. 14°28' East
Ascend.

- 33.80 Top of ridge bears northeast and south 50° west and descend.
40.00 Set granite stone 19x11x8 ins., 14 ins. in the ground for $\frac{1}{4}$ section
corner marked $\frac{1}{4}$ on west face and raised mound of stone alongside.
Pits impracticable.
62.60 Ravine 1.20 chains wide, course south 50° west and ascend.
67.80 Intersect south boundary at a point 5.30 chains west of the corner
to Tps. 2 and 3 north, ranges 7 and 8 west and set a granite stone
16x10x9 ins., 11 ins. in the ground for closing corner to Sections
31 and 36, T.3 N., Ranges 7 and 8 west, marked C.C. with 6 notches
on north, east and west edges and raised mound of rocks alongside.
- Pits impracticable.
Land, mountainous.
Soil, third rate.
Timber, none.
Dense undergrowth of chaparral. March 12.

(Surveyed by Geo.H. Perrin, Contract of Dec.24, 1884, Book 392 Part 4)

North Boundary Township 2 North, Range 7 West, San Bernardino Meridian.

- Retracing.
West between Sections 5 and 32. Var. 14°20' East.
- 80.11 To a point 23 links south of corner to Sections 5, 6, 31 and 36, which
is a quartz stone, 12x9 inches marked with 5 notches on east and 1
notch on west edges with mound of stone alongside.
- From which corner, I run
South 89°50' East on a true line between Sections 5 and 32.

-
- West between Sections 6 and 31. Var. 14°20' East
Along north slope.
40.00 Being unable to find any tract of quarter section corner I set a
temporary one and continue west.
- 80.46 To a point 30 links south of corner to Townships 2 and 3 north,
ranges 7 and 8 west, which is a granite stone 20x10 inches marked
with 6 notches on the north, east, south and west edges with mound
of stone alongside.
From which corner I run
South 89°47' east on a true line between Sections 6 and 31.
Along north slope. Var. 14°20' East
- 40.46 Set a granite stone 27x19x5 inches 15 inches in the ground for
quarter section corner marked $\frac{1}{4}$ on north face and raised a stone
mound alongside.
Pits impracticable.
- 80.46 The corner to Sections 5, 6, 31 and 32.
Land mountainous. Soil third rate. No timber.
Dense undergrowth of manzanita.

South Boundary Township 3 North, Range 7, West, San Bernardino Meridian.
Retracing.

From the corner to Townships 2 and 3 North, Ranges 7 and 8 West, I run

West on south boundary of Section 31. Var. 14°20' East

5.28 To closing corner to Township 3 North, Ranges 7 and 8 West, which is a granite stone 10x9 inches marked C.C. with 6 notches on north, east, and west edges and a mound of stone alongside.

Land mountainous.

Soil third rate.

No timber.

Dense undergrowth of manzanita. Geo. H. Perrin, February 2, 1885.

East Boundary Township 3 North, Range 8 West, S.B.M.
Retracing.

From the closing corner to Township 3 North Ranges 7 and 8 West, I run

North between Sections 31 and 36. Var. 14°20' East.
Descend.

5.48 Cross ravine 96 links wide course south-west and ascend.
28.31 To quarter section corner which is a granite stone 11x8 inches marked $\frac{1}{4}$ on west face with mound of stone alongside.

34.42 From the quarter section corner I continue north.
68.49 Top of ridge bears northeast and southwest and descend.
To a point 12 links west of corner to Sections 25, 30, 31 and 36, which is a granite stone 14x12 inches marked with 1 notch on south and 5 notches on north edges with stone mound alongside.

The return course will be south 10' west.

Land mountainous.

Soil second and third rate.

No timber.

Dense undergrowth of manzanita.

North between Sections 25 and 30. Var. 14°20' East.
Descend.

40.00 Being unable to find quarter section corner I set temporary one and continue north.

80.00 Being unable to find corner to Sections 19, 24, 25 and 30, I set a temporary one and continue north between Sections 19 and 24.

40.00 Unable to find any trace of quarter section corner, I set a temporary one and continue north.

80.40 To a point 42 links west of corner to Sections 13, 18, 19 and 24, which is a granite stone 12x4 inches marked with 3 notches on north and south edges with mound of stone alongside.

East Boundary Township 3 North Range 8 West, S.B.M.
Retracing.

The return course will be south 10' west.
Land mountainous.
Soil second and third rate.
No timber.
Dense undergrowth and manzanita.

North between Sections 25 and 30. Var. 14°20' East.
Descend.

- 40.00 Being unable to find quarter section corner I set temporary one and continue north.
- 80.00 Being unable to find corner to Sections 19, 24, 25 and 30, I set a temporary one and continue north between Sections 19 and 24.
- 40.00 Unable to find any trace of quarter section corner, I set a temporary one and continue north.
- 80.48 To a point 42 links west of corner to Sections 13, 18, 19 and 24, which is a granite stone 12x4 inches marked with 3 notches on north and south edges with mound of stone alongside.
From which bear;

A yellow pine 26 inches diameter north 31° west, 29 links distant, marked T 3 N, R 8 W, S 13 B.T.

A yellow pine 26 inches diameter south 85° east 43 links distant, marked T 3 N R 7 W S 19 B.T.

From which corner I run

South 9' west on a true line between Sections 19 and 24.

Ascend. Var. 14°20' East.

- 10.36 Top of spur bear north-east and south-west and descend.
- 22.19 Cross ravine 36 links wide, course south 40° west and ascend.
- 40.12 Set a limestone 23x9x6 inches 12 inches in the ground for quarter section corner marked $\frac{1}{4}$ on west face and raised a mound of stone alongside.

Pits impracticable.

- 62.58 Top of ridge bears northeast and southwest and descend.
- 80.24 Set a sandstone 20x10x8 inches 15 inches in the ground for corner to Sections 19, 24, 25 and 30, marked with 2 notches on south and 4 notches on north edges and raised a mound of stone alongside.
- Pits impracticable.
Land mountainous.
Soil, second and third rate.
No timber.
Dense undergrowth of manzanita.
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East Boundary Township 3 North, Range 8 West, S.B.M.

Retracing.

South 9' West between Sections 25 and 30. Var. 14° 20' East
Descend.

6.40 Cross ravine 75 links wide course south 62° west and ascend.
33.00 Top of ridge bears northeast and southwest and descend.
40.12 Set a granite stone 18x16x7 inches 8 inches in the ground for
quarter section corner marked $\frac{1}{4}$ on west face and raised a stone
mound alongside.
Pits impracticable.
71.80 Cross ravine 70 links wide course south 75° west and ascend.
80.24 The corner to Sections 25, 30, 31 and 36.
Land mountainous.
Soil second and third rate.
No timber.
Dense undergrowth of manzanita and chamisal.

North between Sections 13 and 18. Var. 14° 20' East.
Descend.

5.73 Cross ravine 23 links wide, course southwest and ascend.
17.00 Top of divide bears east and west and descend.
19.95 Cross head of ravine course northeast and ascend.
29.46 Top of spur bears north 35° east and south 35° west and descend.
40.09 To a point 6 links west of quarter section corner which is a
spruce 50 inches diameter marked $\frac{1}{4}$ S. on west face, from which
bear:

A yellow pine 42 inches diameter south 78 $\frac{1}{2}$ ° east, 65
links distant, marked $\frac{1}{4}$ S. B. T.
A yellow pine 14 in. dia. S. 66 $\frac{1}{2}$ ° W. 50 lk. dist. mkd.
 $\frac{1}{4}$ S. B. T.

The return course will be south 5' west.
From the quarter section corner, I continue north.

51.40 Cross stream on gulch 5 links wide course north 30° east and ascend.
72.00 Top of spur bears northeast and southwest and descend.
80.13 The corner to Sections 7, 12, 13 and 18, which is a granite stone
6x5 inches marked with 4 notches on south and 2 notches on north
edges, from which bear:

A yellow pine 48 inches diameter north 34 $\frac{1}{2}$ ° east, 58
links distant, marked T 3 N R 7 W S 7 B T.

A yellow pine 24 inches diameter south 66 $\frac{1}{2}$ ° east, 26
links distant, marked T 3 N R 7 W S 18 B T.

A yellow pine 8 inches diameter north 84 $\frac{1}{4}$ ° west, 24
links distant, marked T 3 N R 8 W S 12 B T.

East Boundary Township 3 North, Range 8 West, S.B.M.

Retracing.

A fir 8 inches diameter south $47\frac{1}{2}^{\circ}$ west 17 links distant, marked T 3 N R 8 W S 13 B T.

Land mountainous.

Soil, third rate.

Timber of yellow pine, spruce fir.

Dense undergrowth of manzanita. Geo. H. Perrin, February 3, 1885.

North between Sections 7 and 12.

Var. $14^{\circ}20'$ East.

Descend.

4.80
9.90
21.75
30.00
33.18
37.66
39.98

Cross ravine 10 links wide course north 14° east and ascend.

Top of spur north-east and southwest and descend.

Cross ravine 6 links wide course northeast and ascend.

Top of spur bears north 55° east and south 55° west and descend.

Cross ravine 15 links wide course northeast and ascend.

Top of spur bears northeast and southwest and descend.

To a point 7 links west of quarter section corner which is a slate stone 15x3 inches marked \ddagger on west face with mound of stone alongside.

From which bear:

A yellow pine 28 inches diameter north 15° west
80 links distant marked \ddagger S B T

A yellow pine 20 inches diameter north 55° east
50 links distant marked \ddagger S B T

The return course will be south 6' west.

58.86
57.70

From the quarter section corner I continue north.

John Van Lervin's house bears east 745 links distant.

To the foot of mountain bears west and southeast and over rolling ground.

61.00
64.30
68.19
70.28

Cross brush fence bears east and west.

Cross brush fence bears north 23° east and south 23° west.

Enter willow brush.

Cross Swearthout Creek 16 links wide course south 70° east and
Leave willow brush.

75.00
79.92

Cross road bears north 75° east and south 75° west.

To a point 11 links west of corner to Sections 1, 6, 7 and 12 which is a granite stone 10x10 inches marked with 5 notches on south and 1 notch on north edges with stone mound alongside.

The return course will be south 9' west.

Land mountainous and rolling. Soil second and third rate.

Timber of pine, spruce and fir.

Dense undergrowth of manzanita and willow.

East Boundary Township 3 North, Range 8 West, S.B.M.
Retracing.

North between Sections 1 and 6. Var. 14° 20' East.

Ascend gradually.

20.00

Foot of mountain and ascend.

27.80

Cross ravine 14 links wide course southeast and ascend abruptly.

40.08

To a point 13 links west of quarter section corner which is a granite stone 14x14 inches marked $\frac{1}{4}$ on west face with mound of stone alongside.

The return course will be south 11' west.

From the quarter section corner I continue north.

51.00

Top of ridge bears north 70° west and south 70° east and ascend abruptly.

70.88

Cross ravine 10 lks. wide, course N.E. and ascend abruptly.

80.15

To corner to Townships 3 and 4 north ranges 7 and 8 west, which is a granite stone 15x10 inches marked with 6 notches on north, east, south and west edges with mound of stone alongside, from which

A mahogany 8 inches diameter bears north 9° east 10 links distant marked T 4 N, R 7 W. S. 31 B.T.

A nut pine 15 inches diameter bears south 41 $\frac{1}{4}$ ° East 22 links distant marked T 3 N., R. 7 W. S. 6 B.T.

A nut pine 7 inches diameter bears south 17 $\frac{1}{2}$ ° west 38 links distant marked T. 3 N. R. 8 W. S. 1 B.T.

Land mountainous. Soil second and third rate.

Timber of pine and spruce.

Dense undergrowth of manzanita. Geo. H. Perrin, February 4, 1885.

Township 3 North, Range 7 West, S.B.M.

Var. 14° 20' E.

North between Sections 31 and 32.

Descend in dense brush.

39.00

Cross ravine 6 links wide, course east- 300 feet and ascend.

40.00

Set a post, 3 feet long, 4 inches square, 12 inches in the ground for quarter section corner, marked $\frac{1}{4}$ S. on west face and raised a mound of stone 1 $\frac{1}{2}$ feet high, 3 $\frac{1}{2}$ feet base around post.

Fits impracticable.

No bearing trees in limits.

51.00

Top of spur bears south 60° east + 100 feet and descend.

75.20

Cross head of gulch, course southeast- 150 feet and ascend.

80.00

Set a post, 4 feet long, 4 inches square, 12 inches in the ground for corner to Sections 29, 30, 31 and 32 marked

T. 3 N., S. 29 on northeast

R. 7 W., S. 32 on southeast

S. 31 on southwest and

S. 30 on northwest faces with 5 notches on east

and 1 notch on south edges and raised a mound of stone, 2 feet high, 4 $\frac{1}{2}$ feet base around post.

Township 3 North, Range 7 West, S.B.M.

Pits impracticable.
Land, mountainous. Soil, rocky, third rate.
Timber, scattering pine. Dense undergrowth of chaparral.

West on a true line between Sections 30 and 31. Var. 14°20' E.
Descend.

17.46 Cross head of gulch, course southwest - 500 feet and ascend.
22.46 Summit of divide between San Gabriel River and Lytle Creek,
bears north and south + 500 feet and descend.

40.00 Set a post, 3 feet long, 5 inches square, 12 inches in the ground
for quarter section corner, marked $\frac{1}{4}$ S. on north face and raised a
mound of stone $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base around post.
Pits impracticable.

67.46 Cross gulch, 10 links wide, course south 60° east -50 feet and
ascend

85.46 Intersect the west boundary of township at 11.00 chains north of
corner to Sections 25 and 36, T 3 N., R., 8 W.

Set a post, 4 feet long, 4 inches square, 12 inches in the ground
for closing corner to Sections 30 and 31, marked

T. 3 N. R. 7 W., C.O. on East
S 30 on north and
S 31 on south faces with 1 notch on
south and 5 notches on north faces and raised mound of stone, 2 feet
high, $4\frac{1}{2}$ feet base around post.
Pits impracticable.

Land, mountainous. Soil, second and third rate.
No timber. Dense undergrowth of chaparral. May 6, 1885.

North between Sections 29 and 30. Var. 14°20' East.
Ascend abruptly.

9.00 Top of mountain spur bears east and west x 200 feet and descend
along east side of mountain.

40.00 Set a granite stone 15x10x6 inches, 10 inches in the ground for
quarter section corner, marked $\frac{1}{4}$ on west face and raised a mound
of stone alongside.
Pits impracticable.

64.00 Cross head of gulch, course north 75° east and ascend.

80.00 Set a post, 4 feet long, 4 inches square, 12 inches in the ground
for corner to Sections 19, 20, 29 and 30 marked

T. 3 N., S. 20 on northeast
R. 7 W., S. 29 on southeast,
S. 30 on southwest and

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S. 19 on northwest faces with 5 notches on east and 12 notches on south edges and raised a mound of stone, 2 feet high, $4\frac{1}{2}$ feet base around post.

Pits impracticable on top of summit of divide between San Gabriel River and Lytle Creek, bears northeast and southwest.

Land, mountainous. Soil, rocky, third rate.
Dense undergrowth of chaparral. Timber of scattering pits.

West on a true line between Sections 19 and 30. Var. $14^{\circ}20'$ E.
Descend.

40.00 Set a post, 3 feet long, 4 inches square, 12 inches in the ground for quarter section corner, marked $\frac{1}{4}$ S. on north face and raised a mound of stone $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base around post.
Pits impracticable.

No bearing trees in limit.

71.64 Cross ravine, 20 links wide, course southwest - 800 feet and ascend.
84.84 Intersect the west boundary of the township at 10.30 chains north of corner to Sections 24 and 25, T 3 N., R. 6 W. and

Set a post, 4 feet long, 4 inches square, 12 inches in the ground for closing corner to Sections 19 and 30, marked

C.C. T 3 N, R. 7 W. on east,
S. 19 on north and
S. 30 on south faces with 4 notches on north
and 2 notches on south faces and raised a mound of stone 2 feet high, $4\frac{1}{2}$ feet base around post.
Pits impracticable. Land, mountainous. Soil, second rate.
Timber of scattering pine. Dense undergrowth of chaparral.

May 7, 1885.

North between Sections 19 and 20. Var. $14^{\circ}20'$ E.
Descend.

28.00 Cross head of deep canon and stream, 5 links wide, course south 65° west - 250 from corner and ascend abruptly in dense chaparral.

40.00 Set a granite stone 20x11x8 inches, 15 inches in the ground for quarter section corner, marked $\frac{1}{4}$ on west face and raised a mound of stone alongside.

Pits impracticable.
No bearing trees in limits.

Township 3 North, Range 7 West, S.B.M.

63.00

Summit of divide between Swearthout Canon and the head waters of San Gabriel River + 1200 feet above canon bears east and west and descend and enter timber, bears east and west.

74.35
80.00

A pine, 40 inches diameter on line.

Set a slate stone 10x10x10 inches, 7 inches in the ground for corner to Sections 17, 18, 19 and 20, marked with 5 notches east and 3 notches on south edges and raised a mound of stone alongside + 1880 feet above canada, from which bears,

A silver fir, 15 inches diameter, north 40° east
30 links distant, marked

T 3 N., R. 7 W. S. 17 B.T.

A silver fir, 15 inches diameter, south 51½° east
37 links distant, marked

T 3 N., R. 7 W., S. 20 B.T.

A silver fir, 18 inches diameter, south 34½° west,
55 links distant marked

T 3 N., R. 7 W., S. 19 B.T.

A silver fir, 15 inches diameter, north 53° west,
17 links distant marked

T 3 N., R. 7 W., S. 18 B.T.

Land mountainous. Soil, third rate.
Timber of fir, pine and oak; dense undergrowth of same.

West on a true line between Sections 18 and 19. Var. 14° 20' E.
Descend.

9.71
40.00

Cross head of ravine, course north 20° west- 100 feet and ascend.
A silver fir, 12 inches diameter, which I mark $\frac{1}{4}$ S. on north face for quarter section corner, from which bears

A sugar pine, 24 inches diameter, north 45° east, 31 links distant marked $\frac{1}{4}$ S. B. T.

A fir, 12 inches diameter, north 55° west, 48 links distant, marked $\frac{1}{4}$ S. B. T.

49.71

Summit of divide between Mojave Desert and San Gabriel River 8400 feet above sea level and 22.50 feet above lost canada bears northwest and southeast and descend.

84.71

Intersect the west boundary of the township at 9.71 chains north of corner to Sections 13 and 24, T. 3 N., R. 8 W. Set a granite stone 20x11x8 inches, 15 inches in the ground for closing corner to Sections 18 and 19 marked C.C. with 3 notches on north and south edges and raised a mound of stone alongside

Pits impracticable. No bearing trees in limits. Land, mountainous. Soil, second rate and dense heavy timber of pine, fir and cedar. No undergrowth.

M. Erent, Compassman. May 7, 1885.

Township 3 North, Range 7 West, S.B.M.

North between Sections 17 and 18. Var. 14° 20' E.
Descend steep mountain.

40.00 A yellow pine, 50 inches diameter, which I mark $\frac{1}{4}$ S. on west face for quarter section corner.
From which bears
A yellow pine, 24 inches diameter,
S. 33° East, 50 links distant, marked $\frac{1}{4}$ S.B.T.
A yellow pine, 18 inches diameter,
South 40° west, 48 links distant, marked $\frac{1}{4}$ S.B.T.

56.00 Enter canada, bears southeast and southwest.
79.50 Leave canada, bears north 30° east and ascend.
80.00 Set a post, 4 feet long, 4 inches square, 12 inches in the ground, for corner to Sections 7, 8, 17 and 18, marked

T. 3 N., S. 8 on northeast,
R. 7 W., S. 17 on southeast.
S. 18 on southwest and
S. 7 on northwest faces

With 5 notches on east and 4 notches on south edges and raised a mound of stone 2 feet high, $4\frac{1}{2}$ ft. base around post, from which bears,

A pine, 36 inches diameter, south $45\frac{1}{2}$ east and 53 links distant marked

T. 3 N., R. 7 W., S. 17 B.T.
A live oak, 10 inches diameter,
South 61° west, 78 links distant, marked
T. 3 N., R. 7 W., S. 18 B.T.

A live oak, 10 inches diameter

North $82\frac{1}{4}$ ° west, 20 links distant marked
T. 3 N., R. 7 W., S. 7 B.T.

No other tree in limit.
Land mountainous.
Soil, rocky, third rate and dense heavy timber of pine and oak.
Dense undergrowth of chaparral.

West on a true line between Sections 7 and 18. Var. 14° 20' E.
Ascend.

11.66 A pine, 20 inches diameter on line.
38.16 Top of spur bears north 35° east + 100 feet and descend

40.00 Set a post, 3 feet long, 4 inches square, 24 inches in the ground, for quarter section corner marked $\frac{1}{4}$ S. on north face, from which bears

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A yellow pine, 24 inches diameter, north 14° east 31 links distant marked $\frac{1}{4}$ S.B.T.

A redwood 18 inches diameter, north 16° west, 52 links distant marked $\frac{1}{4}$ S.B.T.

- 45.66 Cross head of gulch, course north- 200 feet and ascend.
50.66 Top of spur bears north + 300 feet and descend abruptly.
71.36 Cross ravine and stream, 5 links wide, course north 40° east-
100 feet and ascend abruptly.
74.66 Top of spur bears northwest + 50 feet and descend.
84.16 Intersect the west boundary of township at 9.26 chains north
of corner to Sections 12 and 13, T. 3 N., R. 8 W.

Set a post, 4 feet long, 4 inches square, 12 inches in the ground for closing corner to Sections 7 and 18, marked C.O. T.3 N., R.7 W. on east S. 7 on north and S. 18 on south faces with 2 notches on north and 4 notches on south faces and raised a mound of stone 2 feet high $4\frac{1}{2}$ feet base around post.

Pits impracticable. Land, mountainous.
Soil, second rate and dense heavy timber of pine, fir and oak.
No undergrowth.

M. Brent, Compassman, May 8, 1885.

North between Sections 7 and 8. Var. 14° 20' E.

Along east slope of spur through scattering timber and brush.

- 11.00 Point of spur bears northeast + 40 feet and descend.
24.00 Base of spur and enter Swearthout Canon, bears east and west - 100 ft.
31.00 Cross fence bears east and west; and enter meadow.
37.00 Cross fence bears east and west and leave meadow.
40.00 Set a post, 4 feet long, 3 inches square with marked stone, 12 inches in the ground for quarter section corner, marked $\frac{1}{4}$ S. on west face and raised a mound of earth 2 feet high, $4\frac{1}{2}$ feet base around post, from which bears
A black oak, 15 inches diameter, north 73° west, 208 links distant marked $\frac{1}{4}$ S. B.T.
No other tree in limits.
42.90 Cross road to Cajon Canon, bears northwest and southeast.
52.60 Cross fence, bears east and west.
53.00 Cross dry bed of Swearthout Creek, course east.
57.03 A pine, 30 inches diameter on line.
58.35 A pine, 40 inches diameter on line.
68.00 Base of hill and leave canon, bears northwest and southeast and ascend abruptly.
80.00 Set a post, 4 feet long, 4 inches square, 12 inches in the ground for corner to Sections 5, 6, 7 and 8, marked

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T. 3 N., S. 5 on northeast,
R. 7 W. S. 8 on southeast, S. 7 on southwest and
S. 6 on northwest faces with 5 notches on east and
south edges and raised a mound of stone, 2 feet high, $4\frac{1}{2}$ feet
base around post, from which bears

A live oak, 12 inches diameter, north $6\frac{1}{4}^{\circ}$ east, 53 links
distant marked T. 3 N., R. 7 W., S. 5 B.T.

A live oak, 10 inches diameter, south $22\frac{1}{2}^{\circ}$ west, 50 links
distant marked T. 3 N., R. 7 W., S. 7 B.T.

A pine, 12 inches diameter, north 79° west, 19 links dis-
tant, marked T. 3 N., R. 7 W., S. 6 B.T.

No other tree in limit.

Land, mountainous and valley. Soil, second and third rate.
Dense heavy timber of pine and oak. No undergrowth.

West on a true line between Sections 6 and 7. Var. $14^{\circ}20'E$.
Ascend abruptly.

8.69
38.69
40.00

Point of spur bears south + 200 feet and descend.

Enter wash, course south.

Set a post, 3 feet long, 4 inches square, 12 inches in the
ground for quarter section corner, marked $\frac{1}{4}$ S. on north face
and raised a mound of stone, $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base around
post on west bank of wash, from which bears

A yellow pine, 36 inches diameter, north 8° east, 52 links
distant, marked $\frac{1}{4}$ S. B.T.

A digger pine, 6 inches diameter, south 16° east, 13 links
distant, marked $\frac{1}{4}$ S. B.T.

44.69
54.69
83.69

Point of spur, bears south + 50 and descend.

Enter Swearthout Canon, bears northwest and southeast.

Intersect the west boundary of the township at 9.17 chains north
of corner to Sections 1 and 12, T. 3 N., R. 8 W.

Set a post, 4 feet long, 4 inches square for closing corner to
Sections 6 and 7, marked C.C. T. 3 N., R. 7 W. on east, S. 6 on
north and S. 7 on south faces with 1 notch on north and 5 notches
on south faces and raised a mound of stone, 2 feet high, $4\frac{1}{2}$ feet
base around post.

Pits impracticable.

Land, mountainous, and valley. Soil, third rate.

Timber of pine, fir and oak. Dense undergrowth of sagebrush
& chaparral.

North $2^{\circ}10'$ west on a random line between Sections 5 and 6.
Var. $14^{\circ}20' E$.

40.00
71.24

Set temporary quarter section corner.

Intersect the north boundary of the township at 61 links east
of corner to Sections 31 and 32, 5 and 6.

Thence I run

Township 3 North, Range 7 West, S.B.M.

South 2°39' East on a true line between Sections 5 and 6.

Ascend.

Var. 14°20' East.

31.24 Set a post 3 feet long, 4 inches square, 12 inches in the ground for quarter section corner, marked # 9. on west face and raised a mound of stone, 1½ feet high, 3½ feet base around post.

Pits impracticable
No bearing tree in limit.

63.00 Top of high mountain spur bears south 60° east + 750 feet and descend abruptly.

71.24 The corner to Sections 5,6,7 and 8.

Land mountainous.
Soil, second rate.
Timber of scattering pine.
Dense undergrowth of chaparral.

M. Brent, Compassman,
May 9, 1885.

Department of the Interior,
Office of U.S. Surveyor-General,
San Francisco, California,
March 22nd, 1916.

I, Frank H. Gould, U.S. Surveyor-General
for California, do hereby certify that the annexed
is a full, true and correct copy of the field notes of survey
of Sections 6,7,18,19,30 and 31, in Township 3 North, Range
7 West, San Bernardino Meridian, California, as the same re-
main on file and of record in this office.

In Witness Whereof, I have hereunto set my
hand and affixed my official seal the day and date first above
written.

Frank H. Gould
United States Surveyor-General
for California.