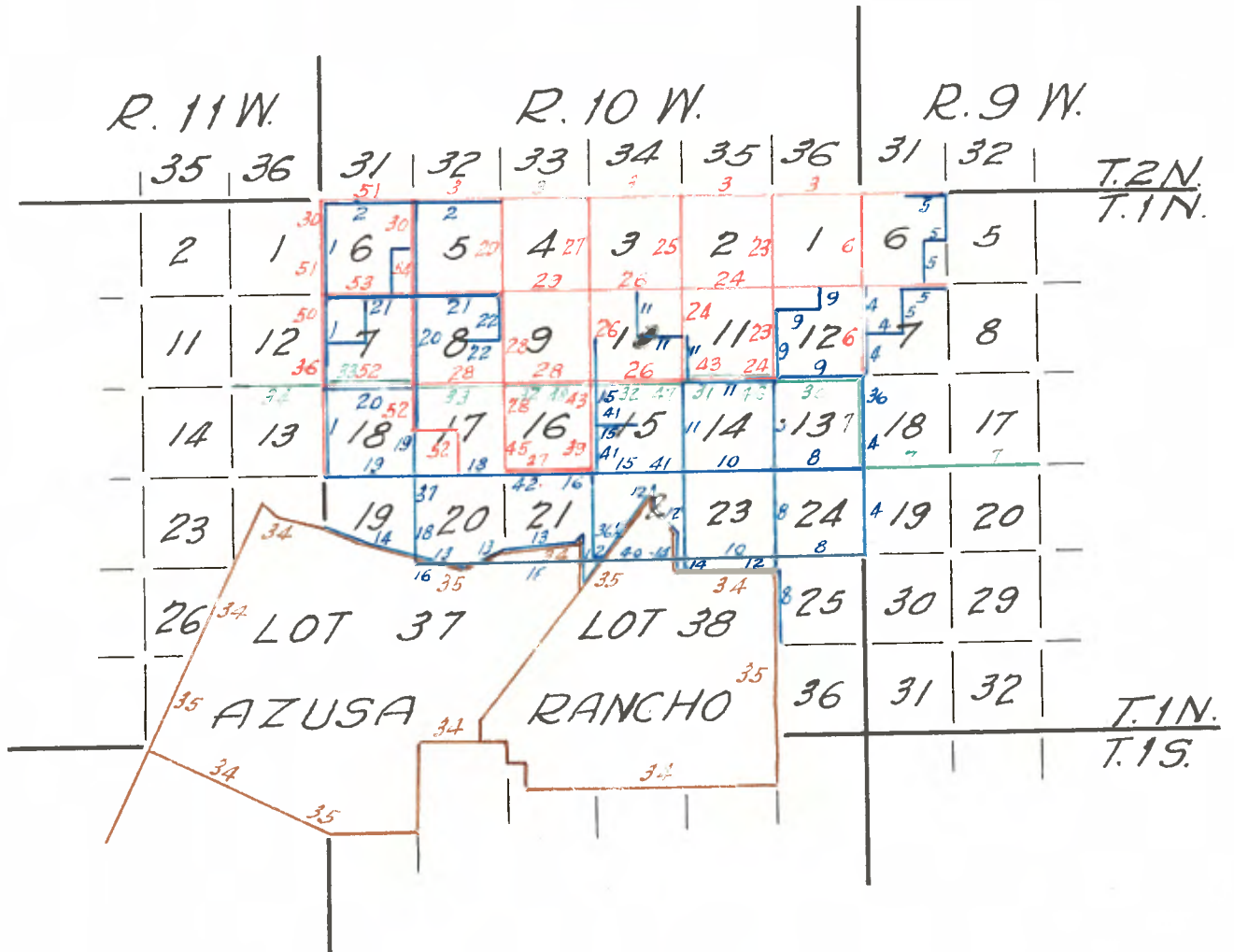


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Blue Lines Show Lines Run by W.H. Norway 1875
 Vermilion Lines Show Lines Run by G.W. Pearson 1884
 Brown Lines Show Lines Run by H. Hancock 1858
 Green Lines Show Lines Run by H. Cutting 1890

Field Notes

Township 1 North, Range 10 West, San Bernardino Meridian

N.E. T. 1 N., R. 10 W., S.E.M.

From the established cor. to secs. 15, 19, 13, 24 on the W.
boundary of this Township (No notes of this corner)

I run

North on W. boundary of sec. 15.

Ascending on high hills. Var. $14\frac{1}{2}^{\circ}$ E.

40.00 Set redwood post 3 x 3 ins., $3\frac{1}{2}$ ft. long in rock md. as inst.,
for $\frac{1}{4}$ sec. cor.

50.00 Summit of ridge C. E. and W. and descend.

70.00 J. M. Butler's house about 3.00 chs. E.

71.50 Cross Saw Pit Creek 10 lks. wide oo. W.

80.00 Set oak post 4 x 4 ins. $3\frac{1}{2}$ ft. long in md of rock as inst. on
side hill, facing S. for cor. to secs. 7, 12, 13, 18, from
which

A gray granite rock 4 ft. cube bears N. 86° E.
22 lks. dist.

Land rough, 1st and 2nd rate. N. $\frac{1}{2}$, S. $\frac{1}{2}$ 3d rate.

North on west boundary of sec. 7.

Ascending high hills. Var. $14\frac{1}{2}^{\circ}$ E.

40.00 Set oak post 3 x 3 ins., $3\frac{1}{2}$ ft. long, in md of earth and pits
as inst. for $\frac{1}{4}$ sec. cor.

50.00 Set redwood post 4 x 4 ins. $3\frac{1}{2}$ ft. long, in md of rocks on side
hill, facing NE. as inst. for cor. to secs. 1, 6, 7, 12.
Land rough, soil mostly 2nd rate. Live oak and redwood poles,
underbrush chemical.

North on W. boundary of sec. 6. Var. $14\frac{1}{2}^{\circ}$ E.

26.50 Cross gulch 50 lks. wide, oo. SE.

40.00 Set oak post 4 x 4 ins. 3 ft. long, in md. of earth, and pits
as inst. for $\frac{1}{4}$ sec. cor., thence ascend abrupt side hill.

80.00 Set spruce post 6 x 6 ins. 4 ft. long, in md of rocks on SE.
slope of high mts. as inst. for cor. to Tps. 1 & 2 N., Rs. 10
and 11 W.
Land rough along line, timber oak and fir in canadas, 2nd and
3rd rate soil. The N. bound of this Tp. can only be run part
way. I therefore run it a true line East.

Volume 162-13

November 24, 1875.

W. H. Norway

N. B. T. 1 N., R. 10 W., S. B. M.

East on a true line on N. boundary of sec. 6.

Descending.

Var. $14\frac{1}{2}^{\circ}$ E.

28.50 Cross dry gulch near head 20 lks. wide, co. SE. thence ascend.

40.00 Set redwood post 3 x 3 ins. 3 ft. long, in md of rocks as inst., for $\frac{1}{4}$ sec. cor. from which

A gray granite rock 10 ft. cube bears S. $70\frac{1}{2}^{\circ}$ E.

1.25 chs. dist.

80.00 Set granite rock 10 x 16 x 24 ins. in md. of rocks as inst. for cor. to secs. 5, 6, 31 and 32.

Land rough with timber in canadas, oak and scattering fir and pine.

East on true line on N. boundary of sec. 5.

Along on S. slope of high mt.

Var. $14\frac{1}{2}^{\circ}$ E.

40.00 Set granite rock 10 x 16 x 20 ins. in md. of rocks, a steep side hill facing S. as inst., for $\frac{1}{4}$ sec. cor.

The land is too rough and worthless to run further E. or S. from this point.

I close the survey in this direction.

Land rough, 2nd rate, some timber.

Township 1 N., R. 10 W. is rough and broken mts. with some timber in canadas but too rough to make the timber available.

Volume 162-13

November 24, 1875.

W. H. Norway.

From the established corner to sections 5, 6, 31 and 32 on the north boundary of township which is a granite rock 24 x 16 x 9 ins., firmly set in the ground, marked with 5 notches on the east, and 1 notch on the west edges, in mound of rocks,

I run

East on a random line between Townships 1 and 2 North, Range 10 West, setting temporary half mile and mile corners at each 40 and 80 chains.

The variation of my compass being $14^{\circ} 29'$ East, and find the township line to be 5 miles 1.33 chains long and the falling to be 97 links south of corner to Tps. 1 and 2 North, Ranges 9 and 10 West.

The correction for the true line will therefore be $19\frac{1}{2}$ links North and 1.33 chains East per mile, and its true course will be South $89^{\circ} 52'$ West.

From the corner to Townships 1 and 2 North, Ranges 9 and 10 West, I run

South $89^{\circ} 52'$ West on a true line between sections 1 and 36.

Ascend.

Var. $14^{\circ} 29'$ E.

26.00 Summit of divide bears North 10° East and South 10° West and descend.

- 40.00 Set granite stone 19 x 11 x 10 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ on north face, and raised mound of stone alongside. Pits impracticable.
- 66.00 Gulch 10 links wide, course north 30° east and ascend.
- 80.00 Set sandstone 14 x 9 x 6 ins., 9 ins. in the ground for corner to sections 1, 2, 35 and 36, marked with 1 notch on the east, 5 notches on the west edges, and raised mound of stones alongside. Pits impracticable.
Land mountainous, soil third rate. Timber none. Dense undergrowth of chaparral.

March 31, 1884.

South 89° 52' west on a true line between sections 2 and 35.
Ascend. Var. 14° 29' E.

- 15.00 Summit of ridge bears north and south and descend.
- 40.00 Set sandstone 15 x 11 x 4 ins., 10 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on the north face, and raised mound of stone alongside. Pits impracticable.
- 43.20 Gulch 20 links wide, course north and ascend.
- 80.00 Set sandstone 22 x 13 x 9 ins., 17 ins. in the ground for corner to sections 2, 3, 34 and 35, marked with 2 notches on the east and 4 notches on the west edges, and raised mound of stone alongside. Pits impracticable.
Land mountainous. Soil third rate. Timber none. Dense undergrowth of chaparral.

South 89° 52' west in a true line between sections 3 and 34.
Ascending. Var. 14° 29' E.

- 40.00 Set granite stone 17 x 11 x 4 ins., 12 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on north face and raised mound of stone alongside. Pits impracticable.
- 41.00 Summit of ridge bears northwest and southeast and descend.
- 62.00 Gulch 20 links wide, course northwest and ascend.
- 80.00 Set granite stone 18 x 11 x 5 ins., 13 ins. in the ground for corner to sections 3, 4, 33 and 34, marked with 2 notches on the east and west edges, and raised mound of stone alongside. Pits impracticable.
Land mountainous. Soil third rate. Timber none. Dense undergrowth of chaparral.

South 89° 52' west on a true line between section 4 and 33.
Ascending. Var. 14° 29' E.

- 10.00 Summit of ridge bears northwest and southeast and descend.
- 40.00 Set sandstone 15 x 9 x 6 ins., 10 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on north face, and raised mound of stone alongside. Pits impracticable.
- 50.60 Ravine 50 links wide, course northwest and ascend.
- 80.00 Set granite stone 14 x 11 x 5 ins., 9 ins. in the ground for corner to sections 4, 5, 32 and 33, marked with 4 notches on the east and 2 notches on the west edges, and raised mound of stone alongside. Pits impracticable.
Land mountainous. Soil third rate. Timber none. Dense undergrowth of chaparral.

South 89° 52' west on a true line between section 5 and 32.
Var. 14° 29' E.

- 13.00 Summit of divide bears north and south and descend, alongside of ridge, sloping west and south.
- 41.33 After diligent search, being unable to find old corner, I set sandstone 14 x 9 x 8 ins., 9 in. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on the north face and raised mound of stone alongside.
Pits impracticable.
- 81.33 The corner to sections 5, 6, 31 and 32.
Land mountainous. Soil third rate. Timber none.
Dense undergrowth.

Volume 215-8

April 2, 1884
G. W. Pearson

E. B., T. 1 N., R. 10 W., S. B. M.

From the establish cor. to secs. 24, 25, 19 and 30 on the E. boundary of this Tp. (No notes of this corner)

- I run
North on the E. boundary of sec. 24.
Ascending over high hills. Var. $14\frac{1}{2}^{\circ}$ E.
- 4.50 A spring 75 lks. E. of line.
- 8.50 Cross dry gulch 50 lks. wide, co. S.W. at the Junction of another gulch coming from the N.W.
- 40.00 Set oak post 3 x 3 ins. 3 ft. long, in md. of earth and pits as inst. for $\frac{1}{4}$ sec. cor., from which
A redwood tree 6 ins. dia. bears N. 42° E. 18 lks. dist.
- 71.00 Summit of high spur co. SW. and NE. and descend.
- 80.00 Set oak post 4 x 4 ins. $3\frac{1}{2}$ ft. long, in md. of rocks as inst. on steep side hill, facing N. for cor. to secs. 13, 18, 19, 24.
Land high, broken mts. 2nd and 3d. rate soil. Timber live oak, some fir.

-
- North on E. boundary of sec. 13.
Descend. Var. $14\frac{1}{2}^{\circ}$ E.
- 40.00 The point for $\frac{1}{4}$ sec. cor. falling in deep gulch co. W. not suitable place to build monument I continue and at
- 42.50 Set oak 3 x 3 ins., 3 ft. long in md. of rocks as inst. for witness to $\frac{1}{4}$ sec. cor., from which
An oak tree 10 ins. dia., bears S. 10° W. 1.07 obs. dist.
- 76.50 Summit of hill and descend.
- 78.50 Enter valley of San Gabriel River.
- 80.00 Set sycamore post 4 x 4 ins., $3\frac{1}{2}$ ft. long in md. of rocks as inst. for cor. to secs. 7, 12, 13 and 18, from which
A live oak 16 ins. dia. bears S. 32° W. 1.95 obs. dist.
A red oak 15 ins. dia. bears S. $48\frac{1}{2}^{\circ}$ E. 3.23 obs. dist.
Land rough, 2nd rate. Timber live oak and sycamore.
November 25, 1875.

-
- North on E. boundary of sec. 12. Var. $14\frac{1}{2}^{\circ}$ E.
- 7.00 Cross San Gabriel River 50 lks. wide, co. W.
- 16.50 Leave valley or river bottom and ascend steep mt. side.
- 32.50 Summit of ridge co. E. & W. and descend.
- 38.00 Cross short gulch co. SE. and ascend.
- 40.00 Set oak post 3 x 3 ins. 3 ft. long, in md. of rocks as inst. for $\frac{1}{4}$ sec. cor. on ridge facing E.
- 48.50 Cross ravine near head cor. SE. and ascend.
- 60.00 Not being able to run further N. or E. in this direction, I set an oak post 3 x 3 ins., $3\frac{1}{2}$ ft. long, in md. of rocks as inst. for $\frac{1}{8}$ sec. cor. and return S. to $\frac{1}{4}$ sec. cor. bet. secs. 12 and 7, bet. Rs. 9 and 10 and run an offset line through T. 1 N., R. 9 W. E. through sec. 7 on $\frac{1}{4}$ sec.
Var. $14\frac{1}{2}^{\circ}$ E.

- 20.00 Enter canada of San Gabriel co. SW.
 29.50 Leave valley for canada and ascend.
 40.00 The point for $\frac{1}{4}$ sec. cor. center of sec. 7 falling on steep side not suitable place to build a monument, I set a sycamore post 4 x 4 ins., 3 ft. long, in md. of rocks as inst., 6.64 chs. N. for witness to $\frac{1}{4}$ sec. center of Sec. 7, from which
 A sycamore tree 12 ins. dia. bears S. $45\frac{1}{2}^{\circ}$ W. 85 lks. dist.
 Thence
 North through center of sec. 7 on $\frac{1}{4}$ sec. line. Var. $14\frac{1}{2}^{\circ}$ E.
- 6.64 Witness post leave mt. and enter canada San Gabriel.
 21.50 To water in San Gabriel River, co. S.W.
 22.10 Over same.
 34.00 Cross gulch and ascend.
 40.00 Set sycamore post 3 x 3 ins. 3 ft. long in md. of rocks on steep side hill, facing S. as inst. for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7. Mts. land, timber live oak, sycamore and cottonwood.
-
- East bet. sec. 6 and 7, from $\frac{1}{4}$ sec. cor. Var. $14\frac{1}{2}^{\circ}$ E.
- 6.50 Enter valley of San Gabriel River co. SW.
 12.34 To right bank of San Gabriel River.
 13.50 Over same co. SW.
 25.50 Leave valley of San Gabriel and ascend.
 40.00 Set sycamore post 4 x 4 ins., 3 ft. in md. of rocks on steep side hill, facing W. as inst. for cor. to secs. 5, 6, 7 and 8. Land 2nd and 3d rate. Timber live oak, sycamore and cottonwood. The land is too rough to run N. or E. from this point.
 I run
 West 20.00 chs. and set
 A sycamore post 3 x 3 ins., 3 ft. long in md. of rocks as inst., for $\frac{1}{8}$ sec. cor. from which
 A sycamore 12 ins. dia. bears N. $3\frac{3}{4}^{\circ}$ E. 1.45 chs. dist.
 North through E. $\frac{1}{4}$ of sec. cor. $\frac{1}{8}$ line. Var. $13\frac{3}{4}^{\circ}$ E.
- 5.50 Leave valley and ascend point of hill.
 21.50 Leave hill and enter valley co. E. & W.
 31.00 Leave valley and ascend.
 40.00 Set oak post 3 x 3 ins. $3\frac{1}{2}$ ft. long in md. of rocks on side hill, facing N.E. as inst. for $\frac{1}{8}$ sec. cor., thence East on $\frac{1}{4}$ sec. cor. in sec. 6. Var. $14\frac{1}{2}^{\circ}$ E.
- 14.00 Leave hill and enter river bottom cor. NW. and SE.
 20.00 Set sycamore post 3 x 3 ins., 3 ft. long in md. of rocks on right bank of San Gabriel River as inst. for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6 from which
 A sycamore tree 24 ins. dia. bears S. 85° W. 2.13 chs. dist.
 A live oak 24 ins. dia. bears N. $15\frac{1}{2}^{\circ}$ W. 2.13 chs. dist.
 Land rough, timber oak, sycamore and cottonwood.
-
- North bet. secs. 5 and 6, from $\frac{1}{4}$ sec. cor. Var. $14\frac{1}{2}^{\circ}$ E.
- 13.00 Cross San Gabriel River 50 lks. wide, co. SE.
 15.00 Leave valley and ascend.
 40.00 Set an oak post 4 x 4 ins. $3\frac{1}{2}$ ft. long, in md. of rocks as inst. for cor. to secs. 5, 6, 31 and 32 on N. boundary of Tp. Land rough, timber scattering sycamore and cottonwood. In order to establish the cor. to Tps. 1 and 2 N., R. 9 and 10 W., I run
 West on N. boundary of sec. 6. Var.
- 28.00 Enter valley of San Gabriel River co. N. & SE.
 35.50 San Gabriel River 50 lks. wide, course SE.

37.00

To the foot of large rocky bluff finding it impracticable to run further on this line or get back to the range line I set a sycamore post 4 x 4 ins., 5 ft. long in md. of rocks as inst. for witness to $\frac{1}{4}$ sec. cor., from which
An alder tree 6 ins. dia. bears N. 46° E. 27 lks. dist.
Land rough, 2d rate. Timber, oak sycamore, alder and cottonwood scattering.

Volume 162-13

November 26, 1875.
W. H. Norway

W. H. T. 1 N., R. 9 N., S. E. N.

For the established corner to sections 7, 12, 13 and 15 on the west boundary of township which is a well preserved post plainly marked T. 1 N S 7 on northeast,
R 9 W S. 18 on southeast,
R. 10 W S 13 on southwest and S 12 on northwest faces, with 2 notches on north and 4 notches on south edges, with mound of stone around post, from which bears
An oak 16 ins. dia. south 32° west, 1.95 chs. dist.
An oak 15 ins. dia. south 45½° east 3.23 chs. dist.

I run
North between sections 7 and 12, retracing 60 chains.
Var. 14° 28' E.

2.50 Enter San Gabriel Canon, course south 80° west
7.00 San Gabriel River 70 links wide, course south 80° west.
17.00 Leave canon course south 80° west and ascend.
32.00 Top of spur bears east and descend.
40.00 After diligent search being unable to find old corner I set granite stone 12 x 9 x 8 ins., 7 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on west face and raised a mound of stone alongside. Pits impracticable.
45.00 Ravine 30 links wide, course southwest and ascend.
60.00 After diligent search being unable to find witness corner I continued the line north and at
77.00 Top of spur bears west and descend.
80.00 Set granite stone 15 x 9 x 8 ins., 10 ins. in the ground for corner to sections 1, 6, 7 and 12, marked with 5 notches on south and 1 notch on north edges and raised a mound of stone alongside. Pits impracticable.
Land mountainous. Soil, second rate. Timber, pine and oak in canon and ravines. Dense undergrowth of chaparral brush.

North between sections 1 and 6.
Descend. Var. 14° 28' E.

26.00 Ravine 50 lks. wide, course west and ascend.
40.00 Set granite stone 13 x 11 x 7 ins., 8 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on west face and raised a mound of stone alongside. Pits impracticable.
49.50 Top of spur bears east and descend.
80.00 Set granite stone 16 x 12 x 9 ins., 11 ins. in the ground for corner to sections 1, 6, 31 and 36, tps. 1 and 2 North, ranges 9 and 10 West, marked with 6 notches on the north, south, east and west edges, and raised mound of stone alongside.
Pits impracticable.
On north slope of spur.
Land mountainous. Soil third rate. Timber pine and oak in the ravines. Dense undergrowth of chaparral.

Volume 215-6

February 11, 1884
G. W. Pearson

September 4: At 7h 00m. a.m. l.m.t. I set off $34^{\circ} 10'$ north on the lat. arc; $6^{\circ} 54'$ E. on the decl. arc and determine a true meridian with the solar at the corner to sections 16, 17, 20 and 21, - - - - - I run

North $89^{\circ} 50'$ west on a random line between sections 17 and 20, 18 and 19. After diligent search, being unable to find any trace of old corner, I set temporary corners at every 40 and 80 chains and at 160.94 chains intersect range line, between Tps. 1 N., Rs. 9 and 10 W. at a point 42 links north of corner to sections 13, 18, 19 and 24, where I found a decayed post, with marks partly obliterated, in a mound of stone.

I destroyed old post and in its place, set a square, hollow iron post, filled with cement etc., 3 feet long, with sides 4 inches wide, at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground, marked
S G F R 12 T 1 N S 18 on northeast,
R 9 W S 19 on southeast,
R 10 W S 24 on southwest, and
S 13 on northwest faces, and raised a mound of stone, covered with earth, 3 feet base, $1\frac{1}{2}$ feet high, around post.

Thence I run

south $89^{\circ} 59'$ east on a true line between sections 18 and 19.
Descend.

19.88 Ravine, 5 links wide, 150 feet below section corner, course south 5° east. Ascend.

September 5: At 7h. 00m. A.M. l.m.t., I set off $34^{\circ} 10'$ W., on the lat. arc; $6^{\circ} 31'$ E. on the decl. arc and determine a true meridian with the solar at the corner to sections 13, 18, 19 and 24, previously described.

From the corner to sections 13, 18, 19 and 24 on range line between Tps. 1 N., Rs. 9 and 10 W., previously described, I run North on a random line between sections 13 and 18.

43.02 To a point 14 links west of old stone mound, from which bears
A live oak 14 ins. dia. south 10° west, 107 lks. dist.,
marked W O $\frac{1}{2}$ S B T

Being unable to find any trace of quarter section post, to re-establish corner, I set a granite stone, 24 x 17 x 9 inches, 18 inches in the ground, marked W O $\frac{1}{2}$ on west face, S G F R on east face and rebuilt stone mound, $1\frac{1}{2}$ feet high 2 feet base, west of corner. Pits impracticable. Thence I run

South $0^{\circ} 11'$ west on a true line between sections 13 and 18.

Descend, counting distances from point for quarter section corner.

.45 Gulch 10 links wide, 90 feet below quarter section corner, course west. The true point for quarter sections falls in this gulch, which is not a suitable place to mark. Ascend.

12.75 Trail to Glendora, bears east and west.

40.52 The corner to sections 13, 18, 19 and 24.

Counting distances from the true point for quarter section corner, I continue

North on a random line.

40.27 To a point 15 links east of corner to sections 7, 12, 13 and 18, which is a sycamore post, marked and witnessed as described by the Surveyor General with the exception of the bearing trees, which have been cut down and destroyed.

To re-establish corner and to mark corner No. 13 on the boundary of the San Gabriel Forest Reservation, in place of the sycamore post I set a square, hollow iron post, filled with cement, etc., 3 feet long, the sides 4 inches wide at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground, marked
T 1 N S 7 on northeast, R 9 W S 18 on southeast R 10 W S 13 on southwest and S G F R 13 S 12 on northwest faces; and rebuilt mound of stone, $1\frac{1}{2}$ feet high, 4 feet base around post. Thence I run

2.00 South C° 13' east on a true line between sections 13 and 18.
 4.50 Through Canada San Gabriel, course southeast.
 37.25 Leave Canada San Gabriel, and ascend west slope of mountain.
 40.27 Top of spur, 80 feet above Canada, bears east and west. Descend.
 To witness corner to quarter section corner.
 To true point for quarter section corner.
 Land mountainous. Soil third rate. Scattering sycamore and oak
 timber. Dense undergrowth of chaparral.
 Mountainous land, 80.27 chains.

September 5, 1896.
Lewis H. Cutting.

Volume 0-8

T. 1 N., R. 10 W., S. B. M.

North between secs. 25 and 26.

Var. 14½° E.

80.00 Set an oak post 3 x 3 ins. and 3 ft. long in rock md. as inst.
 on steep side hill, facing W. for cor. to secs. 23, 24, 25, 26.
 Land mostly level. 1st rate.

East on random line bet. secs. 24, 25.

Along foot of hills.

40.00 Set post for temp. ¼ sec. cor. Var. 14½° E.
 51.50 Cross a dry gulch 50 lks. wide, co. SW. at junction with another
 gulch coming from NW.
 52.25 A house 50 lks. N. of line.
 80.10 Int. E. bound of Tp. 10 lks. S. of cor. to secs. 24 and 25, from
 this cor. I run
 S. 89° 56' W. on true line bet. secs. 24 and 25.

Var. 14½° E.

40.05 Set an oak post 3 x 3 ins., 3 ft. long in md. of rocks on side
 hill facing E. as inst. for ¼ sec. cor.
 80.10 The cor. to secs. 23, 24, 25, 26.
 Land mostly 1st rate W. ¼ broken, 2nd rate.

North bet. secs. 23 and 24.

Ascending abrupt mt.

Var. 14½° E.

40.00 Set redwood post 3 x 3 ins. 3 ft. long in md. of rocks as inst.
 for ¼ sec. cor. on side hill facing S.
 50.00 Summit of spur co. SW. and E.
 60.00 Enter valley of San Gabriel.
 61.50 San Gabriel River 50 lks. wide, co. NW.
 72.50 San Gabriel River 50 lks. wide, co. SE.
 76.00 Enter field cor. NW. and SE.
 80.00 Set sycamore post 4 x 4 ins. 3 ft. long in large md. of rocks
 as inst. for cor. to secs. 13, 14, 23 and 24, in center of small
 field a house bears S. 64° E. about 7 chs. dist.
 Land rough with scattering timber 2nd and 3d rate soil.

November 27, 1875.

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

Var. 14½° E.

8.00 Leave valley of San Gabriel and ascend along N. slope of mts.
 40.00 Set post for temp. ¼ sec. cor.
 80.22 Int. E. bound of Tp. 14 lks. N. of cor. to secs. 13 and 24, from
 this cor. I run
 N. 89° 54' W. on true line bet. secs. 13 and 24.

Var. 14½° E.

40.11 Set an oak post 3 x 3 ins. 3 ft. long in md. of rocks as inst.
for $\frac{1}{4}$ sec. cor. on side hill sloping NW.
80.22 The cor. to secs. 13, 14, 23 and 24.
Land rough, mts., scattering timber.

North bet. secs. 13 and 14.

Var. 14 $\frac{1}{2}$ ^o E.

5.50 Leave river bottom and ascend.
15.50 Summit of spur co. NW. and SE. and descend.
24.00 Enter river bottom co. SE. and SW.
27.00 Cross water in river 40 lks. wide, co. SW. and ascend steep mts.
40.00 Set redwood post 3 x 3 ins. 3 ft. long in mts. of rocks as inst.
for $\frac{1}{4}$ sec. cor.
73.50 Cross dry gulch near head 20 lks. wide, co. SE.
80.00 Set oak post 4 x 4 ins. 3 $\frac{1}{2}$ ft. long in md. of earth, and pits as
instructed for cor. to sec. 11, 12, 13, 14.
Land very rough along line scattering oak, sycamore and cotton-
wood along river and in canadas.

East on random line bet. secs. 12 and 13.
Descending over gravelly hills.

Var. 14 $\frac{1}{2}$ ^o E.

40.00 The point for $\frac{1}{4}$ sec. cor. in deep gulch, co. SW.
51.00 Foot of mts. enter San Gabriel Canon, co. SW. and NE.
54.25 Cross San Gabriel River, 50 lks. wide, co. SW. and ascend.
foot of hill.
71.50 Summit of spur and descend.
76.00 Enter canada San Gabriel co. NW. and SE.
80.00 Int. the E. bound of Tp. 21 lks. N. of cor. to secs. 12 and 13
from this cor. I run
N. 89^o 51' W. on true line bet. secs. 12 and 13.

Var. 14 $\frac{1}{2}$ ^o E.

28.90 I set an alder post 3 x 3 ins. 3 ft. long in md. of rocks on
W. side of valley as inst. for witness to $\frac{1}{4}$ sec. cor. as the
true cor. will fall in deep gulch not a suitable place to
build a monument from which
A live oak 16 ins. dia. bears N. 25^o E. 36 lks. dist.
A live oak 8 ins. dia. bears S. 42 $\frac{1}{2}$ ^o W. 36 lks. dist.
The Winson Quartz Mill is about 10.00 chs. SW. on W. side of
river.

40.00 True point for $\frac{1}{4}$ sec. cor. in gulch.
80.00 The cor. to secs. 11, 12, 13, 14.
Land mostly rough mts. timber oak, sycamore and cottonwood
scattering. There are several mining claims in Sec. 13, of
which the chief one is the Winson Mine.

North bet. secs. 11 and 12.

Var. 14 $\frac{1}{2}$ ^o E.

Ascending.
40.00 Set an oak post 3 x 3 ins. 3 ft. long in md. of earth and pits
as inst. for $\frac{1}{4}$ sec. cor.
60.00 The ground being too rough to run further in this direction,
I set granite rock 10 x 16 x 24 ins., in md. of rocks as inst.
for $\frac{1}{8}$ sec. cor. on side hill facing south.
East on $\frac{1}{8}$ sec. line through N. $\frac{1}{4}$ of Sec. 12.
Along on S. slope of high mts. Var. 14 $\frac{1}{2}$ ^o E.
31.50 Cross near head of gulch co. S.
40.00 Set oak post 3 x 3 ins. 3 ft. long in md. of rocks on SW.
slope of gravel hills, as inst. for $\frac{1}{8}$ sec. cor. and run
North on $\frac{1}{4}$ sec. cor. line.

Var. 14 $\frac{1}{2}$ ^o E.

20.00 Set fir post 3 x 3 ins. 3 ft. long in md. of rocks as inst.
for $\frac{1}{4}$

for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2.

Land over high rolling hills gravel with good mineral indications gold and silver.

This is as far as it is practicable to extend the survey in this direction, the mts. to the N. are abrupt and broken with very scattering timber in canadas.

November 29, 1875.

From the cor. to secs. 23, 24, 25, 26, I run
West on true line bet. sec. 23 and 26.

Var. $14\frac{1}{4}^{\circ}$ E.

16.50 Cross gulch co. S.
40.00 Set oak post 3 x 3 ins. 3 ft. long in md. of rocks on summit of ridge co. NE. and SW. as inst. for $\frac{1}{4}$ sec. cor. thence descend.
46.00 Cross a ravine 50 lks. wide co. SW.
50.00 Summit of a spur co. N. & S. and descend.
52.00 Cross ravine co. S. A spring about 5.00 chs. N.
67.00 To dry ravine.
68.00 Over same co. SW.
74.25 Descend steep bluff into valley of San Gabriel, co. N. & S.
80.00 Set an alder post 4 x 4 ins. $3\frac{1}{2}$ ft. long in md. of rocks as inst. for cor. to secs. 22, 23, 26 and 27.
Land mostly along foot hills 1st and 2nd rate.

North bet. secs. 22 and 23.

Var. $14\frac{1}{4}^{\circ}$ E.

19.00 To edge of high rocky point too rough to measure. Offset W.
West 5.00 chs. to valley thence
North 15.00 chs. Henry Robert's house W. of line 31.22 chs.
to N. point of hill thence,
East 5.00 chs. to line bet. secs. 22 and 23, 10.22 chs. N. of
 $\frac{1}{4}$ sec. cor. set an alder tree 2 ft. in dia. I mark for witness
to $\frac{1}{4}$ sec. cor. on NE. edge of Sanja co. SW. thence continue
North bet. secs. 22 and 23.
50.50 Counting the distance from the cor. to secs. 22 and 23, 26 and
27. Cross wagon road co. SW. and NE.
55.30 Cross San Gabriel River, 50 lks. wide, co. SW.
62.50 Leave river W. and ascend steep side hill, co. E. & W.
77.40 Edge of steep side hill, I set an alder post 4 x 4 ins. and $3\frac{1}{2}$
ft. long in md. of rocks, as inst. for witness to cor. to secs.
14, 15, 22 and 23, as the true cor. will fall on steep side hill,
not suitable place to build a monument.
80.00 Point for cor. to secs. 14, 15, 22 and 23.
Land along river 2nd and 3rd rate.

East on random line bet. secs. 14 and 23.

Var. $14\frac{1}{4}^{\circ}$ E.

5.00 Cross dry gulch 100 lks. wide, co. S., thence along N. edge of
table land through field of Henry Roberts.
40.00 Set post for temp. $\frac{1}{4}$ sec. cor., thence along on S. slope of rocky
hill.
65.00 Summit of spur co. NW. and SE. and descend.

69.50 Enter valley of San Gabriel River.
 76.00 Cross San Gabriel River 50 lks. wide, co. SE.
 77.50 Enter field co. NW. and SE.
 80.14 Int. N. & S. line 16 lks. N. of cor. to secs. 13, 14, 23 and 24,
 from this cor. I run
 N. 89° 53' on true line bet. secs. 14 and 23.

Var. 14 $\frac{1}{4}$ ° E.

40.07 Set a cottonwood post 3 x 3 ins., 3 ft. long in md. of rocks
 on side hill, facing S. as inst. for $\frac{1}{4}$ sec. cor.

80.14 The true cor. to secs. 14, 15, 23 and 24.
 Land very rough, W; mostly 1st rate. Soil E. $\frac{1}{2}$ very rough,
 scattering timber.

North, bet. secs. 14 and 15.

From true cor. on side hill descending.

Var. 14 $\frac{1}{4}$ ° E.

7.00 Cross dry gulch 20 lks. wide, co. SE., thence ascend.

15.31 Summit of high sharp peak, thence along on W. slope of hill.

40.00 Set sycamore post 3 x 3 ins., and 3 ft. long in md. of rock on
 W. slope of hill as inst. for $\frac{1}{4}$ sec. cor.

60.00 Cross gulch 50 lks. wide, co. SW. and ascending.

80.00 Set oak post 4 x 4 ins. 3 ft. long in md. of rocks on side
 hill sloping W. as inst. for cor. to secs. 11, 10, 14 and 15.
 Land very rough with timber in canada, oak, sycamore and cot-
 tonwood.

East on random line bet. secs. 11 and 14.

Var. 14 $\frac{3}{4}$ ° E.

6.00 Summit of ridge co. NE. and descend.

13.50 Cross gulch 50 lks. wide, co. SW. ascending.

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

72.50 Cross near head of gulch co. SE. and ascend.

79.94 Int. N. & S. line 26 lks. N. of cor. to secs. 11, 12, 13, 14,
 from this cor. I run

N. 89° 50' on true line bet. secs. 11 and 14.

Var. 14 $\frac{1}{4}$ ° E.

39.97 Set redwood post 3 x 3 ins. and 3 ft. long in md. of rocks as
 inst. for $\frac{1}{4}$ sec. cor.

79.94 The cor. to secs. 10, 11, 14, 15.

Land rough with timber in canada, oak, sycamore and cotton.

November 30, 1875.

North bet. secs. 10 and 11.

Ascending.

Var. 14 $\frac{1}{4}$ ° E.

40.00 Set oak post 3 x 3 ins. and 3 ft. long in md. of rocks on S.
 slope of gravel hill, as inst. for $\frac{1}{4}$ sec. cor. This is as far
 as it is practicable to extend this line as there is no timber,
 worthless mts. I therefore run W. on $\frac{1}{4}$ sec. cor. line through
 sec. 10.

Var. 14 $\frac{1}{4}$ ° E.

Descending into canada with timber.

26.50 Cross gulch 50 lks. wide co. S. thence ascending side hill,
 covered with low brush.

40.00 Set oak post 3 x 3 ins., 3 ft. long in md. of rocks as inst.
 for $\frac{1}{4}$ sec. cor. in center of secs. 10, on side hill facing E.,
 thence

North on $\frac{1}{4}$ sec. line

Var. 14 $\frac{1}{4}$ ° E.

- Along on E. slope of hill.
- 21.00 Cross gulch 25 lks. wide, co. SE., thence ascend side hill covered with low brush.
- 40.00 Set redwood post 3 x 3 ins. 3 ft. long in md. of rocks on S. slope of gravel hill as inst. for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10. Land rolling with oak, fir and sycamore timber in canadas. This is as far as it is practicable to extend the line in this direction on acct. of the worthlessness of the country.

As all the corners on the N. bound of the Rancho Azusa have disappeared or cannot be found, I find it necessary to resurvey the Rancho. I begin at the NE. cor. of said Rancho being 20.00 chs. S. of the cor. to secs. 23, 24, 25, 26, and run along N. bound of said rancho according to the co. and distances of the final survey of said rancho.

1. S. 89° W. 83.50 chs. Var. 14 $\frac{1}{2}$ ° E.
- At 13.00 chs. a house about 6.00 chs. N.
 At 23.75 chs. cross a dry wash 100 lks. co. S.
 At 50.50 chs. cross road co. NW. and SE.
 60.00 chs. foot of hills enter valley, co. N. and S.
 64.30 chs. Cross brush fence, co. N. and S.
 83.50 chs. Finding no traces of the corner, called for in the final survey of this Rancho Azusa, I set an alder post 3 x 3 ft. in md. of earth and pits as inst. and marked same R A No. 15 for station No. 15 of the final survey of the rancho, thence
2. N. 4° W. 40.00 chs. Set oak post in md. of rocks for cor. No. 14 of this rancho, thence
3. N. 18 $\frac{1}{2}$ ° W. 22.50 chs. 10.00 chs. cross water ditch cor. SW.
 22.50 " find no trace of cor. called for in final survey. I set an alder post 3 x 3 ins. 3 ft. long in md. of rocks as inst. for cor. No. 13 of this rancho
4. N. 7 $\frac{1}{2}$ ° E. 19.50 chs. 9.25 chs. Enter dry wash of San Gabriel River SW. and E.
 19.50 chs. Find no trace of cor. as called for in the final survey of said Rancho, I set an alder post 3 x 3 ins. and 3 ft. long, in large md. of rocks as inst. for cor. No. 12 of this Rancho on S. edge of water, co. of San Gabriel River.
 The sycamore called for in the final survey have all been destroyed, thence
 6.00 to S. or left bank of dry bed or wash of San Gabriel River. co. SW. and NE.
 71.90 Leave up land and enter dry wash of San Gabriel River, co. S., thence down dry wash of river. All traces of the monument having disappeared, I set an alder post 3 x 3 ins. 3 ft. long, in large md. of rocks, as inst. for cor. No. 11 of this rancho, being cor. No. 9 of the Rancho Azusa Duarte, thence along the Rancho Azusa Duarte.
5. 46 $\frac{1}{2}$ ° W.
 71.90
 109.40
- 1 N. 6° E. 57.60 chains 30.50 chs. cross Zanja, co. W.
 31.75 " Leave river co. W. and ascend.
 57.60 " I find no traces of blazed sycamore, as called for in the final survey of said rancho I set an oak post 3 x 3 ins. 3 ft. long in large md. of rocks, as inst. for cor. No. - of the final survey of the Rancho Azusa Duarte on side hill facing SE. at foot of large granite rock.

2 S $58\frac{1}{4}^\circ$ W. 46.10 chs. Finding no trace of the monument granite rock as called for in the final survey, I set a red-wood scotling post 4 x 4 ins., $3\frac{1}{2}$ ft. long in large md. of rocks as inst. mkd. same A D No. 7 from which

A sycamore tree 2 ft. dia. bears S. 55° W.
1.13 chs. dist.

N. van Tassel's house bears N. 22° E. about
3.00 chs. dist., thence

8 $68\frac{1}{2}^\circ$ W. 45.00 chs.

3.25 cross gulch 100 lks. wide co. SE.
45.00 chs. finding no trace of the cor.
called for in the final survey I set an oak.

post 4 x 4 3/4 ft. long, in md. of earth and rocks
as inst. for cor. to No. 6 of said rancho, thence
4 S. 75° W. 11.00 chs. I set a wooden scantling post 4 x 4 in. 3 ft.
long in md. of earth and pits as inst. for cor.
No. 5 of the said rancho about 2.00 chs. S. of
foot of mt. in level plain, thence
5 N 79 1/2° W. 119.00 chs. At 14.70 Cross brush fence co. N. and S.
At 27.00 leave valley and ascend hill co. N. & S.
At 31.50 chs. summit spur, co. NW. and SE.
Finding it too rough to measure on line as it
passes the head of several ravines, I run
N 31 3/4° W. 10.00 chs. thence
N 79 1/2° W. along on mesa, 22.00 chs. thence I offset back.
S 31 3/4° E. 10.00 chs. to W. edge of gulches in line to a point 53.50 chs.
N 79 1/2° W. of Azusa Duarte No. 5, thence continued on line.
N 79 1/2° W. Counting dist. from station No. 5, 64.60 chs. to head of
gulch, thence down same.
75.00 chs. Cross gulch in canada 50 lks. wide, co. S.
80.00 " Cross gulch co. S., thence ascend.
88.50 " Summit of spur, co. N. & S. thence over broken spur.
100.00 Enter valley, co. N. & S.
A house bears N. 2.00 chs.
112.00 chs. Leave valley and ascend.
119.00 chs. to an old md. of rocks on summit of ridge,
facing SE. I rebuild said monument, set an oak
stake in md. of rocks mkd. same A D No. 4, thence
N 68 1/2° W. 29.92 chs. Int. W. bound of Tp. 1 N., bet. R. 10 and 11 W.
29.50 chs. N. of cor. to secs. 19 and 30, at
post cor. to fractional secs. 19 and 24.

From the cor. to secs. 22, 23, 26, 27 I run
South bet. secs. 26 and 27. Var. 14 1/4° E.
1.50 Leave valley ascend point of hill.
12.00 Leave hill and descend.
21.40 Int. the N. boundary of the Rancho Azusa 3.49 chs. N. 89° E. of
cor. No. 15 of said Rancho. Set a willow post 3 x 3 in. 3 ft.
long in md. of earth and pits as inst. for cor. to fractional
secs. 26 and 27.
Land rolling, mostly 1st rate. December 1, 1875.

From the cor. to secs. 22, 23, 27 and 26, I run
West on true line bet. secs. 22 and 27. Var. 14 1/4° E.
4.99 Int. the E. bound of the Rancho Azusa 21.49 chs. N. 4° W. of
cor. No. 15 of said Rancho. Set an alder post 4 x 4 ins.
3 ft. long in md. of rocks as inst. for cor. to frac. secs.
22 and 27, thence continuing.
West bet. secs. 22 and 27, through Rancho Azusa.
8.50 Cross Sanja, co. S.
40.00 Set alder post 3 x 3 ins. 3 ft. long in md. of rocks in
brushy bed of San Gabriel River, inst. for cor.
65.00 Enter wash of river co. N. & S.
73.23 Int. W. bound of Rancho Azusa 86.09 chs. S. 46 1/2° W. of cor.
No. 12 of said Rancho.
Set cedar post 4 x 4 ins. 3 ft. long in large md. of rock as
inst. for cor. to frac. secs. 22 and 27.
78.50 San Gabriel River. No water as it runs in janja.
79.50 Over river co. SW.
80.00 Set oak post in md. of rocks as inst. for cor. to secs. 21,
22, 27, 28.

Land mostly through dry bushy land of San Gabriel River.
2nd and 3d rate.

South on true line bet. secs. 27 and 28.

3.00 Cross San Gabriel River 100 lks. wide, co. SW. Var. $14\frac{1}{2}^{\circ}$ E.
6.43 Int. the NW. boundary of the Rancho Azusa and set an alder post
3 x 3 ins. 3 ft. long in md. of rocks as inst. for cor. to frac.
secs. 27, 28. From this cor. I run along NW. bound. of said rancho
S. $46\frac{1}{2}^{\circ}$ W. 13.98 chs. to cor. No. 11 of said rancho, also cor. No. 9
of the rancho Azusa Duarte as established by myself.

From the cor. to secs. 21, 22, 27, 28, I run
North bet. secs. 21 and 22.

15.40 Cross ranja. Co. SW. Var. $14\frac{1}{2}^{\circ}$ E.
31.00 Leave river bottom and ascend.
37.00 Foot of rocky ridge, as the $\frac{1}{4}$ sec. cor. will fall on rocky ledge
not suitable place to build a md. I set at this point a toyon
post 3 x 3 ins. 3 ft. long in md. of rocks on steep side hill,
facing S. as inst. for witness to $\frac{1}{4}$ sec. cor.
L. M. Rasmussen's house bears NE. about 7.00 chs. dist.
40.00 The true point for $\frac{1}{4}$ sec. cor. on rocky ledge co. E. & W.
59.00 Summit of ridge and descend, co. E. & W.
80.00 Set redwood post 4 x 4 ins., 3 ft. long in md. of rocks as inst.
for cor. to secs. 15, 16, 21, 22.
Land S. $\frac{1}{4}$ level, mostly river bottom, N. $\frac{1}{4}$ mts. good bee rancho.
Soil all 3d rate.

East on a random line bet. secs. 15 and 22.

7.50 Cross gulch with timber S. 10° E. and ascend. Var. $14\frac{1}{2}^{\circ}$ E.
10.00 Summit of spur co. N. & S. and descend.
20.00 Cross a ravine 50 lks. wide, co. SE. and descend.
40.00 Set a post for temp. $\frac{1}{4}$ sec. cor.
54.50 Summit of spur co. NW. and SE. and descend.
79.90 Int. the N. & S. line 21 lks. S. of cor. to secs. 14, 15, 22, 23,
from this cor. I run
S. $89^{\circ} 51'$ W. on true line bet. secs. 15 and 22.
39.95 Set an oak post 3 x 3 ins. 3 ft. long, in large md. of rocks
on SW. slope of mts. as inst. for $\frac{1}{4}$ sec. cor. Var. $14\frac{1}{2}^{\circ}$ E.
79.90 The cor. to secs. 15, 16, 21, 22.
Land rough mts. 3d rate. Timber in canadas, good bee rancho.

North between secs. 15 and 16.

21.50 Cross gulch 50 links wide, co. SE., thence ascend. Var. $14\frac{1}{2}^{\circ}$ E.
40.00 Set a Toyon post 3 x 3 ins., 3 ft. long in md. of rocks as
inst. for $\frac{1}{4}$ sec. cor. The mts. are too rough and worthless to
run further N. I therefore run east on $\frac{1}{4}$ sec. line through
center of sec. 15.
40.00 Along on S. slope of ridge. Var. $14\frac{1}{2}^{\circ}$ E.
Set redwood post 3 x 3, 3 ft. long in md. of rocks as inst.
for $\frac{1}{4}$ sec. cor., in centre of sec. 15.
Land rough mts. Some timber in canadas. This is all the land
in this direction worth subdividing.

December 2, 1875.

From the cor. to secs. 21, 22, 27, 28, I run
West on true line bet. secs. 21 and 28.

- 8.44 Int. the E. bound of the Rancho Azusa Duarte 16.17 chs.
N. 6° E. of cor. No. 9 of said Rancho as re-established by me.
Set an alder post 4 x 4 ins. 3½ ft. long in md. of rocks as
inst. for cor. to frac. secs. 21, 28, thence continued
West bet. secs. 21, 28, through the Rancho Azusa Duarte.
40.00 Set an alder post 3 x 3 ins. 3 ft. long in md. of rocks as inst.
for ¼ sec. cor.
80.00 Post for cor. to secs. 20, 21, 28, 29, inside the rancho Azusa
Duarte. I do not establish the cor.
Land level, mostly bushy W. of San Gabriel river.
Soil End and 3d rate.

Var. 14¼° E.

North bet. secs. 20 and 21.

- 2.47 Int. the N. bound of the rancho Azusa Duarte, 5.65 chs. N. 68½° E.
from cor. No. 6 of said rancho, as re-established by me.
Set a sycamore post 3 x 3 ins., 3 ft. long in large md. of rocks
at foot of mts. as inst. for cor. to frac. secs. 20 and 21, thence
leave valley and ascend.
40.00 Set an oak post 3 x 3 ins., 3 ft. long in md. of rocks as inst.
for ¼ sec. cor.
75.00 Summit of ridge co. NW. and SE.
77.00 Descend. Leave ridge.
80.00 Set said rocks 10, 16 x 24 ins. in md. of rock as inst. for cor.
to secs. 16, 17, 21, 22.
Land high mts. 3d rate soil. Good bee rancho.

Var. 14¼° E.

East on random line bet. secs. 16 and 21.

- 11.50 Cross gulch near head co. S. and ascend.
40.00 Summit high ridge set a post for temp. ¼ sec. cor.
41.50 Descend.
80.10 Int. the N. & S. line at the post cor. to secs. 15, 16, 21, 22,
from which I run
West on a true line bet. secs. 16 and 21.
40.05 Set an oak post 3 x 3 ins. 3 ft. long in md. of rocks as inst.
for ¼ sec. cor.
80.10 The cor. to secs. 16, 17, 20, 21.
Land high and rough mt. 3d rate soil with timber in canada.
Oak and sycamore.

Var. 14¼° E.

Var. 14¼° E.

From the point for cor. to secs. 20, 21, 28, 29, inside the
Rancho Azusa Duarte, I run
West on true line bet. secs. 20 and 29.

7. 92 Int. the N. boundary of Rancho Azusa Duarte 2.77 chs. S. 75° W.
of cor. No. 6 of said rancho, as re-established by me.
Set a sycamore post 4 x 4 ins., 3½ ft. long in md. of rocks as
inst. for cor. to frac. secs. 20 and 29.
27.38 Int. the N. bound. of the Rancho Azusa Duarte 11.70 chs.

Var. 14¼° E.

N. $79\frac{1}{4}^{\circ}$ W. of cor. No. 5 of said rancho as re-established by me. Set an oak post 4 x 4 ins. 3 ft. long, wd. of rock as inst. for cor. to frac. sides 20 and 29.

40.00 Set oak post 3 x 3 ins. 3 ft. long in wd. of earth and pits as inst. for $\frac{1}{4}$ sec. cor.

53.50 Cross brush fence co. S.
80.00 Set oak post 4 x 4 ins., 3½ ft. long in md. of earth and pits
as inst. for cor. to secs. 19, 20, 29, 30.
Land level, 1st and 2nd rate.

North bet. secs. 19 and 20. Var. 14¼° E.

9.00 Int. the N. bound of the Rancho Azusa Duarte; the cor. falling
on steep side hill, facing W. not a suitable place to build a
monument, I set a redwood scantling post 4 x 4 ins. 3½ ft. long
in md. of earth and pits which bears S. 79½° E. 4.00 chs. dist.
at head of gulch co. W. as inst. for cor. to fractional sects.
19, 20, from this cor. I run N. 79½° W. 54.15 chs. to cor. No. 4
of said Rancho as re-established by me, thence from cor. to frac.
sects. 19, 20, I run

North bet. sects. 19 and 20. Var. 14¼° E.

12.50 Counting the distance from the cor. to secs. 19, 20, 29, 30.
Cross near head of gulch co. W.

14.30 Summit of spur, cor. S. W. and N. E.

17.00 Enter valley co. NE. and SW.

22.50 Cross gulch and leave valley co. NE. and SW.

26.36 Summit of spur co. SW. and NE.

30.50 Enter gulch S. 15° W., thence up the same.

32.00 Leave gulch, thence along W. side.

37.50 Summit of low spur co. NE. and SW. ascend.

40.00 Set oak post 3 x 3 ins. 3 ft. long in md. of rocks as inst. on
side hill, facing W. for ¼ sec. cor.

47.00 Cross gulch 20 lks. wide, co. SW. thence ascending high hill.

50.00 Set oak post 4 x 4 ins., 3 ft. long in md. of rock as inst. for
cro. to secs. 17, 18, 19, 20. On side hill, facing NW.
Land very rough, along true gravel land in rolling of Canada.
Old placer mines in Sec. 19. December 3, 1875.

East on random line bet. secs. 17 and 20.

Along S. slope of mt. Var. 14¼° E.

14.51 Descend.
 40.00 Set a post for temp. & sec. cor.
 44.50 Cross gulch 50 lks. wide, co. S., thence ascend.
 53.00 Summit of spur co. N. & S. and descend.
 62.50 Cross gulch 50 lks. wide, co. S. thence ascend.
 79.86 Int. the E. & S. line 14 lks. S. of cor. to secs. 16, 17, 20 and 21, from this cor. I run S. 89° 54' W. on true line bet. secs. 17 and 20. Var. 14½° E. 39.93 chs.

39.93 The point for ¼ sec. cor. falling on steep side hill not suitable place to build a monument, I continue and at
 43.50 Set oak post 3 x 3 ins., 3 ft. long in md. of rock as inst. for witness to ¼ sec. cor.
 79.86 The cor. to secs. 17, 18, 19, 20. Land over rough high mt. 3rd rate soil, with timber, in canada. Oak and sycamore.

West on random line bet. secs. 18 and 19. Along on S. slope of mt. Var. 14½° E.
 17.00 Cross gulch 50 lks. wide. Co. SW. and ascend.
 35.00 Summit of spur co. NE. and SW., thence descend.
 40.00 Set post for temp. ¼ sec. cor.
 57.00 Cross gulch 40.00 lks. wide, co. S.
 80.70 Int. W. bound of Tp. 16 lks. S. of cor. to secs. 18 & 19, from this cor. I run S. 89° 54' E. on a true line bet. secs. 18 and 19. Var. 14½° E.

40.70 Set oak post 3 x 3 ins. 3 ft. long in md. of rocks as inst. on side hill, facing W. for ¼ sec. cor., from which A rock 10 ft. cube bears S. 41½° E. 18.00 chs. dist.
 80.70 The cor. to secs. 17, 18, 19, 20. Land high mts. soil 3d rate with some timber in canada, oak and sycamore. Old placer mines in sec. 19.

North bet. secs. 17 and 18. Var. 14½° E.
 This line being too rough to measure, I begin at ¼ sec. cor. bet. secs. 17 and 20 and run North through sec. 17 on ¼ sec. line on E. slope of hill, ascending.
 40.00 Set an oak post 3 x 3 ins. 3 ft. long in md. of rocks as inst. for ¼ sec. cor., centre of sec. 17, from which A live oak tree 12 ins. in dia. bears S. 60° E. 28 lks. dist.
 33.50 Thence W. on ¼ sec. line. Cross gulch near head co. SW.

- 40.00 Set redwood post 3 x 3 ins. 3 ft. long in md. of rocks on side hill, sloping SW. as inst. fro $\frac{1}{4}$ sec. cor. on line bet. sec. 17 and 18, thence continued.
North bet. secs. 17 and 18. Var. $14\frac{1}{2}^{\circ}$ E.
Ascending.
- 25.00 Summit of spur co. NE. & SW. and descend.
- 40.00 Set redwood post 4 x 4 ins. $3\frac{1}{2}$ ft. long in large md. of rocks as inst. for cor. to secs. 17, 18, 7 and 8.
Land rough mts. 3d rate, with mineral indicating placers.

The line bet. secs. 8 and 17 is too rough and worthless to survey, I therefore run W. on random line bet. secs. 7 and 18.
Along on S. slope of ridge. Var. $14\frac{1}{2}^{\circ}$ E.

- 15.00 Cross gulch 25 lks. wide, co. W. thence along N. side
- 25.59 Cross same gulch 25 lks. wide, co. NW. thence along on S. side of gulch.
- 40.00 Set post for temp. $\frac{1}{4}$ sec. cor.
- 45.50 Cross gulch 100 lks. wide, co. S.
- 58.50 Cross gulch 25 lks. wide, co. S.
- 71.50 Enter field of Butler co. N. & S.
- 76.00 Leave field, co. N. & S.
- 80.63 Int. W. boundary of Tp. 26 lks. S. of cor. to secs. 7 and 18, from this cor. I run
S. $89^{\circ} 49'$ on true line bet. secs. 7 and 18. Var. $14\frac{1}{2}^{\circ}$ E.
- 40.63 Set oak post 3 x 3 ins., 3 ft. long in md. of rocks as inst. for $\frac{1}{4}$ sec. cor.
- 80.63 The cor. to secs. 7, 8, 17, 18.
Land very rough with oak and sycamore in canadas. W. $\frac{1}{2}$ mostly 1st rate.

North bet. secs. 7 and 8.
Descending.

- 7.50 Cross gulch 25 lks. wide, co. SW. and ascend. Var. $14\frac{1}{2}^{\circ}$ E.
- 40.00 Set sand rock 6x10x20 ins. in md. of rock as inst. for $\frac{1}{4}$ sec. cor.
- 48.00 Summit of ridge co. NE. and SW., thence along on ridge.
- 46.50 Descend.
- 80.00 Set an oak post 4 x 4 ins., $3\frac{1}{2}$ ft. long in md. of rocks as inst. for cor. to secs. 5, 6, 7, 8, from which
A live oak tree 10 ins. dia. bears N. 80° W. 70 lks. dist.
A fir tree 20 ins. dia. bears S. $72\frac{1}{2}^{\circ}$ W. 43 lks. dist.

December 4, 1875.

West on a random line bet. secs. 6 and 7. Var. $14\frac{1}{2}^{\circ}$ E.
 10.00 Cross gulch 20 lks. wide, co. SW.
 22.50 Summit of spur co. N. & S.
 33.00 Cross gulch 75 lks. wide, co. S.
 40.00 Temp. post for $\frac{1}{4}$ sec. cor. on steep side hill, facing E.
 45.00 Top of ridge co. N. & S.
 62.75 Cross gulch 25 lks. wide, co. SE. and ascend.
 80.30 Int. the W. bound of Tp. 14 lks. S. of the cor. to secs. 6 and 7,
 from which cor. I run
 S. $89^{\circ} 54'$ E. on a true line bet. secs. 6 and 7. Var. $14\frac{1}{2}^{\circ}$ E.
 34.70 Summit of high ridge, as the $\frac{1}{4}$ sec. cor. will fall on steep side
 hill not suitable place to build a monument, I set a red wood
 post 3 x 3 ins., 3 ft. long in md. of rocks as inst. for witness
 to $\frac{1}{4}$ sec. cor.
 40.30 The true point for $\frac{1}{4}$ sec. cor.
 80.30 The cor. to secs. 5, 6, 7, 8.
 Land rough, with scattering timber in canadas.

North on random line bet. secs. 5 and 6. Var. $14\frac{1}{2}^{\circ}$ E.
 Descending.
 6.50 Cross gulch 25 lks. wide, co. SW., thence ascend.
 22.50 Summit of spur co. N. & S.
 40.00 Set post for temp. $\frac{1}{4}$ sec. cor.
 44.50 Enter gulch co. SW., thence up same 50 lks. wide.
 46.75 Leave same and ascend.
 80.23 Int. the W. bound. of Tp. 19 lks. east of cor. to secs. 5 and 6.
 From this cor. I run
 S. $08'$ E. on true line bet. secs. 5 and 6. Var. $14\frac{1}{2}^{\circ}$ E.
 40.23 Set an oak post 3 x 3 ins. 3 ft. long in md. of rocks on steep
 side hill, facing N. as inst. for $\frac{1}{4}$ sec. cor.,
 from which
 A fir tree 20 ins. dia. bears N. 16° W. 1.40 chs.
 80.23 The cor. to secs. 5, 6, 7, 8.
 Land very rough, high mts. with scattering fir and oak timber.

East on true line bet. secs. 5 and 8. Var. $14\frac{1}{2}^{\circ}$ E.
 Along on N. slope of high ridge.
 40.00 Set an oak post 3 x 3 ins., 3 ft. long, in md. of rocks as inst.
 for $\frac{1}{4}$ sec. cor., from which
 A fir tree 24 ins. dia. bears S. 41° E. 82 lks. dist.

62.50 Summit of ridge co. NE. and SW. thence descend.
80.00 Set sand rock 10 x 16 x 24 ins., in md. of rocks as inst. for cor.
to secs. 4, 5, 8, 9, on steep side hill, facing SE.
Land rough with scattering fir, oak.

The land N. & E. of this point is too rough and worthless to extend
the survey in this direction, I therefore run S. bet. secs. 8 and 9.

Var. 14 $\frac{1}{2}$ ° E.

40.00 Descending side hill with scattering fir and oak.
Set sand rock 10 x 16 x 20 ins. in md. of rocks at the head of
gulch as inst. for $\frac{1}{4}$ sec. cor.
This is as far as it is practicable to extend this line, as the
country S. and E. is rough and worthless mts.
Land rough, scattering oak, fir.

Thence W. on $\frac{1}{4}$ sec. line through centre of sec. 5.

40.00 Along on S. slope of mt. Var. 14 $\frac{1}{2}$ ° E.
Set redwood post 3 x 3 ins. 3 ft. long in md. of rocks as inst.
for $\frac{1}{4}$ sec. cor. Centre of sec. 5 about 15 chs. E. and 20 chs. N.
of gulch, from which

A large rock bears N. 40 $\frac{1}{2}$ ° W. 70 lks. dist.

A live oak tree 2 ft. in dia. bears N. 24 $\frac{1}{2}$ ° E. 18 lks. dist.

Land along S. slope of mts. scattering timber, oak and fir, very
rough.

This comprises all the available land in this township.

Volume 162-13

December 6, 1875.

W. H. Norway

T. 1 N., R. 10 W., S. 8, 9, 10.

From the established corner to sections 11, 12, 13 and 14, which is
an oak post, greatly decayed, in remains of old earth mound, with
signs of pits.

I rebuild corner by setting oak post 4 x 4 ins. 3 $\frac{1}{2}$ ft. long 12 ins.
in ground, corner to sections 11, 12, 13 and 14, marked

T 1 N S 12 on N.E.

R 10 N S 13 on SE.

S 14 on SW. and

S 11 on the NE. face, and dug pits and rebuild earth mound
around post, thence I run

North between sections 11, 12, retracing 60 chains.

Ascending.

Var. 14° 29' E.

40.00 After diligent search being unable to find $\frac{1}{4}$ section corner, I set post 4 x 4 ins. $3\frac{1}{2}$ ft. long, 12 ins. in the ground and deposited marked stone for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on west face and raised mound of stone alongside.

60.00 Unable to find witness corner.

61.50 Summit of ridge bears N. 60° W. and S. 60° E. and descend.

80.00 Set granite stone 16 x 11 x 10 ins., 11 ins. in the ground for corner to sections 11, 12, marked with 5 notches on the S. and 1 notch on the E. edges and raised a mound of stone alongside. Pits impracticable. Land mountainous. Soil 3d rate. Timber scattering pine and oak.

Dense undergrowth of chaparral.

40.00 East on a random line between sections 1, 12. Var. 14°29' E.

After diligent search, being unable to find $\frac{1}{4}$ section corner, I set a temporary $\frac{1}{4}$ section corner.

79.90 Intersect East boundary of township at 26 links south of corner to sections 1, 6, 7 and 12, thence I run S. of 89° 49' West, on a true line between sections 1, 12, with same variation. Ascending.

27.50 Summit of high ridge bears NW. and SE. Descend.

39.95 Set granite stone 13 x 9 x 7 ins. 8 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face and raised mound of stone alongside. Pits impracticable.

61.50 Gulch 20 links wide, course SE. Ascend.

79.90 The corner to sections 1, 2, 11, 12.

Land mountainous. Soil 3d rate. Timber, none. Dense undergrowth of chaparral.

40.00 North on a random line between sections 1, 2. Var. 14°29' E.

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

80.10 Intersect north boundary of township, 15 links east of the corner to sections 1, 2, 35, 36, thence I run

S. 0° 6' East on a true line between sections 1, 2, with same variation.

Descending.

21.56 Head of gulch, course N. 60° East. Ascend.

38.50 Summit of divide bears E. and W. Descend.

40.10 Set granite stone 14 x 11 x 9 ins., 9 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.

59.00 Head of gulch, course SE. Ascend.

80.10 The corner to sections 1, 2, 11, 12.

Land mountainous. Soil 3d rate. Timber scattering pine and oak. Dense undergrowth of chaparral.

From the established corner to sections 11, 12, 13, 14, I run West
 on a random line between 11-14, retracing. Var. 14° 29' E.
 40.00 After diligent search, being unable to find old corner, I set tem-
 porary $\frac{1}{4}$ section corner.
 50.11 Intersect N. and S. line 31 links N. of corner to sections 10, 11, 14,
 15, which is part of decayed post in mound of rocks.
 I rebuild corner by setting a granite stone 14 x 11 x 6 ins., 9 ins.
 in the ground for corner to sections 10, 11, 14, 15, marked with 4
 notches on S. and 2 notches on E. edges, and rebuilt mound of rocks
 alongside. Thence I run N. 89° 47' East on a true line between sec-
 tions 11, 14, with same variation. Ascending.
 6.20 Summit of low ridge bears N. 40° E. and S. 40° W. Descend.
 40.06 Set granite stone 16 x 11 x 9 ins., 11 ins. in the ground for $\frac{1}{4}$
 section corner, marked $\frac{1}{4}$ on N. face and raised mound of stone
 alongside.
 Pits impracticable.
 50.00 Low point of spur bears S. Descend.
 72.00 Gulch 40 links wide, course SE. Ascend.
 50.11 The corner to sections 11, 12, 13, 14.
 Land mountainous, soil 2d rate. Timber none.
 Dense undergrowth of chaparral.

From the corner to sections 10, 11, 14 and 15, I run
 North between sections 10, 11, retracing 40 chains
 Ascending. Var. 14° 29' E.
 40.00 After diligent search, being unable to find old corner, I set
 granite stone 13 x 12 x 8 ins. 8 ins. in the ground for $\frac{1}{4}$ section
 corner, marked $\frac{1}{4}$ on W. face, and raised mound of stone alongside.
 Pits impracticable.
 50.00 Set granite stone 19 x 10 x 4 ins., 14 ins. in the ground for
 corner to sections 2, 3, 10, 11, marked with 5 notches on the S.
 and 2 notches on E. edges, and raised mound of stone alongside.
 Pits impracticable.
 Land mountainous. Soil 3d rate. Timber none.
 Dense undergrowth of chaparral.

East on a random line between sections 2 and 11. Var. 14° 29' E.
 40.00 Set temporary $\frac{1}{4}$ section corner.
 50.30 Intersect N. and S. line 47 links N. of corner to sections 1, 2, 11,
 12, thence I run
 N. 89° 40' West on a true line between sections 2, 11, with same
 variation. Ascend.
 19.50 Top of ridge bears N. and S. Descend.

40.15 Set granite stone 12 x 9 x 8 ins., 7 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face, and raised mound of stone alongside.
Pits impracticable.

55.00 Gulch 30 links wide, course S. Ascend.
71.50 Top of ridge bears N. 15° W. and S. 15° E. Descend.
80.30 The corner to sections 2, 3, 10, 11.
Land mountainous. Soil 3d rate. Timber scattering pine, oak in gulches. Dense undergrowth of chaparral.

North on a random line between sections 2, 3. Var. 14°29' E.

40.00 Set temporary $\frac{1}{4}$ section corner.
80.31 Intersect north boundary of township 30 links west of corner to sections 2, 3, 34, 35, thence I run S. 0° 73' West on a true line between sections 2 and 3, with same variation. Ascend.

39.00 Summit of ridge bears E. and W. Descend.
40.31 Set sand stone 14 x 9 x 8 ins., 9 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside.
Pits impracticable.

59.50 Gulch near head course E. Ascend.
70.00 Summit of ridge bears N. 20° W. and S. 20° E. Descend.
80.31 The corner to sections 2, 3, 10, 11.
Land mountainous. Soil 3d rate. Timber, none.
Dense undergrowth of chaparral. April 14, 1884.

From the established corner to sections 15, 16, 21, 22, which is a post 4 x 4 ins., marked T 1 N S 15 on NE. R 10 W S 22 on SE., S 21 on the SW., and S 16 on NE. faces, with large mound of rocks around post, I run North between sections 15 and 16, retracing 40 chains Descending. Var. 14° 29' E.

21.50 Gulch 50 links wide, course NE. Ascend.
40.00 After diligent search, being unable to find old corner, I set sand stone 19 x 12 x 8 ins., 14 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face, and raised mound of stone alongside.
Pits impracticable.

50.00 Summit of ridge bears North 50° W. and S. 50° E. Descend.
65.50 Ravine 40 links wide, course E. Ascend.
80.00 Set granite stone 16 x 12 x 9 ins. 11 ins. in the ground for corner to sections 9, 10, 15, 16, marked with 4 notches on the S. and 3 notches on the East edges, and raised mound of stone alongside.
Pits impracticable.
Land mountainous. Soil 3d rate. Timber, scattering pine and oak in ravines. Dense undergrowth of chaparral.

East on a random line between sections 10 and 15. Var. 14° 29' E.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 50.40 Intersect N. and S. line 46 links N. of corner to sections 10, 11,
 14, 15, thence I run
 N. 89° 40' West on a true line between sections 10, 15, with same
 variation. Descend.
 7.50 Gulch 20 links wide, course S. Ascend.
 17.50 Point of spur bears south. Descend.
 30.00 Ravine 45 links wide, course SE. Ascend.
 40.20 Set sand stone 16 x 11 x 5 ins., 11 ins. in the ground for $\frac{1}{4}$
 section corner, marked $\frac{1}{4}$ on N. face and raised mound of stone
 alongside.
 Pits impracticable.
 63.50 Top of ridge bears NW. and SE. Descend.
 80.40 The corner to sections 9, 10, 15, 16.
 Land mountainous. Soil 3d rate. Timber pine and oak in ravines.
 Dense undergrowth of chaparral.

North between section 9, 10.
 Descend. Var. 14° 29' E.
 35.00 Ravine 10 links wide, near head, course southwest. Ascend.
 40.00 Set post 4 x 4 ins., $3\frac{1}{2}$ ft. long, 12 ins. in the ground and deep
 marked stone for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ S. on W. face, and
 raised mound of rocks around post. Pits impracticable.
 60.00 Summit of high ridge bears E.W. Descend.
 80.00 Set post 4 x 4 ins., 4 ft. long, 8 ins. in the ground and deep
 marked stone for corner to section 3, 4, 9, 10, marked
 T 1 N S 3 on NE. R 10 W S 10 on SE, S 9 on the SW., and S 4 on the
 NW. with 3 notches on E. and 5 notches on S. edges-faces, and
 raised mound of stone around post. Pits impracticable.
 Land mountainous. Soil 3d rate. Timber pine and oak in ravines.
 Dense undergrowth of chaparral.

East on a random line between sections 3, 10. Var. 14° 29' E.
 After diligent search being unable to find corner
 50.00 Intersect N. and S. line 18 links S. of corner to sections 2, 3,
 10, 11, thence I run
 S. 89° 52' W. on a true line between sections 3, 10 with same
 variation. Ascend.
 25.00 Ridge bears N. and S. Descend.
 40.00 Set granite stone 11 x 11 x 8 ins., 6 ins. in the ground for $\frac{1}{4}$
 section corner, marked $\frac{1}{4}$ on N. face, and raised mound of stone
 alongside. Pits impracticable.
 58.50 Gulch near head course SE. Ascend.

80.00 The corner to sections 3, 4, 9, 10.
Land mountainous. Soil 3d rate. Timber none. Dense undergrowth
of chaparral.

40.00 North on a random line between sections 3 and 4. Var. 14° 29' E.
Set temporary $\frac{1}{4}$ sec. cor.
80.43 Intersect north boundary of township 19 links west of corner to
sections 3, 4, 33, 34, thence I run
S. 0° 8' west on a true line between sections 3, 4, with same var-
iation.

8.60 Summit of ridge bears NW. and SE. Descend.

31.50 Head ravine course W. Ascend.

40.43 Set granite stone 15 x 11 x $\frac{1}{4}$ ins. 10 ins. in the ground for $\frac{1}{4}$
section corner, marked $\frac{1}{4}$ on W. face and raised a mound of stone
alongside. Pits impracticable.

47.50 Summit of divide bears N. 80° E. and S. 80° W. Descend.

80.43 The corner to sections 3, 4, 9, 10.
Land mountainous. Soil 3d rate. Timber none. Dense undergrowth
of chaparral. April 5, 1884.

From corner to sections 15, 16, 21, 22, I run
West on a random line between sections 16, 21, retracing.
Var. 14° 29' E.

40.00 After diligent search, being unable to find corner, I set tem-
porary $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line 11 links S. of corner to sections 16,
17, 20, 21, which is a sand stone 22 x 13 x 10 ins. firmly set in
ground, marked with 3 notches on the S. and 4 notches on the east
edges, in large mound of rocks. Thence I run S. 89° 55' East on
a true line between sections 16, 21 with same variation.

Descend.

11.50 Gulch 14 links wide, course S. Ascend.

40.03 Set sand stone 17 x 12 x $\frac{1}{4}$ ins. 12 ins. in the ground for $\frac{1}{4}$
section corner, marked $\frac{1}{4}$ on N. face, and raised mound of stone
alongside.

Pits impracticable.

Top of ridge bears N. and S. Descend.

80.06 The corner to sections 15, 16, 21, 22.
Land mountainous. Soil 3d rate. Timber none. Dense undergrowth
of chaparral.

From the established corner to secs. 16, 17, 20, 21, I run North between section 16, 17.

- 40.00 Ascend along west slope of ridge. Var. 14° 29' E.
I set sand stone 16x9x5 ins. 11 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.
50.00 Set granite stone 12x10x5 ins. 7 ins. in the ground for corner to sections 8, 9, 16, 17, marked with 4 notches on S. and E. edges, and raised mound of stone alongside.
Pits impracticable.
Land mountainous. Soil 3d rate. Timber none. Dense undergrowth of chaparral.

East on a random line between sections 9, 16.

- 40.00 Set temporary $\frac{1}{4}$ section corner. Var. 14° 29' E.
79.84 Intersect N. and S. line 27 links S. of corner to sections 9, 10, 15, 16, thence I run S. 89° 45' W. on a true line between sections 9, 16, with same variation. Descend.
19.65 Ravine 20 lks. wide, course S. 5° W. Ascend.
32.50 Summit of ridge bears N. and S. Descend.
39.92 Set granite stone 15x13x5 ins. 13 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on N. face and raised mound of stone alongside. Pits impracticable.
65.00 Gulch 45 links wide, course S. 10° E. Ascend.
74.30 Summit of ridge bears N. 10° W. and S. 10° E. Descend.
79.84 The corner to sections 8, 9, 16, 17.
Land mountainous. Soil 3d rate. Timber scattering. Pine and oak in ravines. Dense undergrowth of chaparral.

West on a random line between sections 8, 17.

- 40.00 Set temporary $\frac{1}{4}$ sec. cor. Var. 14° 29' E.
80.15 Intersect N. and S. line 34 links N. of corner to sections 7, 8, 17, 18 which is a part of decayed post in mound of rocks, partially destroyed. I rebuilt corner by setting sand stone 17x10 x 8 ins., 12 ins. in the ground for corner to sections 7, 8, 17, 18 and marked with 4 notches on the S. and 5 notches on the east edges, and raised stone mound around
Thence I run N. 89° 45' E. on a true line between sections 8, 17, with same variation. Ascend.
17.50 Top of ridge bears N. and S. Descend.
32.00 Ravine 60 links wide, course S. 30° E. Ascend.
38.00 Top of ridge bears NW. and SE. Descend.
40.08 Set sand stone 12x11x9 ins. 7 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised mound of stone alongside. Pits impracticable.
68.00 Gulch 20 links wide, course S. Ascend.
80.15 The corner to sections 8, 9, 16, 17.
Land mountainous. Soil 3d rate. Undergrowth scattering chaparral. Timber, scattering pine and oak in ravine.

North between sections 8, 9, retracing 40 chains.

- 40.00 Ascend. Var. 14° 29' E.
After diligent search, being unable to find old corner, I set a sand stone 17x11x8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on west face and raised mound of stone alongside. Pits impracticable.

80.00 After diligent search being unable to find corner, I set granite stone 19x12x10 ins., 14 ins. in the ground for corner to sections 4, 5, 8, 9, marked with 5 notches on the south and 4 notches on the east edges, and raised mound of stone alongside. Pits impracticable.
Land mountainous. Soil 3d rate. Timber none. Dense undergrowth of chaparral.

April 7, 1884.

East on a random line between sections 4, 9.

Var. 14° 29' E.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
79.90 Intersect N. and S. line 25 links N. of corner to sections 3, 4, 9, 10, thence I run N. 89° 49' W. on a true line between sections, 4, 9, with same variation. Ascend.

38.50 Summit of ridge bears N. and S. Descend.

39.95 Set granite stone 21 x 16 x 10 ins. 16 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face and raised mound of stone alongside. Pits impracticable.

52.50 Head of ravine course S.

69.00 Summit of ridge bears N. and S. Descend.

79.90 The corner to sections 4, 5, 8, 9.

Land mountainous. Soil 3d rate. Timber none. Dense undergrowth of chaparral.

North on a random line between sections 4, 5.

Var. 14° 29' E.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
80.54 Intersect north boundary of township 29 links west of corner to sections 4, 5, 32, 33, thence I run S. 0° 12' W. on a true line between sections 4, 5, with same variation. Ascend.

40.00 Summit of divide bears N. 15° W. and S. 15° E. thence along summit.

40.54 Set gray granite stone 19x11x16 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.

70.00 Leave summit and descend.

80.54 The corner to sections 4, 5, 8, 9.

Land mountainous. Soil 3d rate. Timber none. Dense undergrowth of chaparral.

West on a random line between sections 5, 8, retracing.

Var. 14° 29' E.

40.00 After diligent search, being unable to find old corner, set temporary $\frac{1}{4}$ sec. cor.

80.47 Intersect N. and S. line at 53 links N. of corner to sections 5, 6, 7, 8, which is end of burnt post in mound of rocks, the bearing tree having been destroyed by fire, I rebuilt corner by setting granite stone 16x11x9 ins. 11 ins. in the ground for corner to sections 5, 6, 7, 8, marked with 5 notches on S. and E. edges and rebuilt stone mound around.

Thence I run

N. 89° 37' E. on a true line between sections 5, 8, with same variation. Ascend along N. slope of mt.

40.23 Set granite stone 16x11x5 ins. 11 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face, and raised mound of stone alongside. Pits impracticable.

63.00 Summit of ridge bears NE. and SW. Thence along S. slope of divide.

80.47 The corner to sections 4, 5, 8, 9.

Land mountainous. Soil 3d rate. Timber none. Dense under-

growth of chaparral.

From the corner to sections 5, 6, 7, 8, I run North on a random line between sections 5, 6, retracing.

- 40.00 After diligent search being unable to find old corner, set temporary $\frac{1}{4}$ sec. cor. Var. $14^{\circ} 29'$ E.
- 50.42 Intersect north boundary of township 50 links west of corner to sections 5, 6, 31, 32, thence I run S. $0^{\circ} 21'$ W. on a true line between sections 5, 6, with same variation. Descend.
- 23.00 Gulch 50 links wide, course SW. Ascend.
- 40.42 Set granite stone $1\frac{1}{2} \times 1\frac{1}{2} \times 9$ ins. 12 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face and raised mound of stone alongside. Pits impracticable.
- 56.00 Summit of ridge bears E. and W. Descend.
- 74.00 Gulch 30 links wide, course S. 60° W.
- 80.42 The corner to sections 5, 6, 31, 32. Land mountainous. Soil 3d rate. Timber none. Dense undergrowth of chaparral.

Volume 206-2

April 8, 1884
G. W. Pearson

Boundary Line of San Gabriel Forest Reservation through
T. 1 N., R. 10 W., S. B. M.

From the corner to sections 7, 12, 13 and 18, on range line between townships 1 N., Rs. 9 and 10 W., previously described I run

- 37.50 N. $89^{\circ} 51'$ W. on a random line between sections 12 and 13. To point 8 links north of witness corner to quarter section corner, which is a partially destroyed post, marked and witnessed as described by the Surveyor General. I do not remark this corner as I find that the quarter section corner can be set in the proper place, thence I run S. $89^{\circ} 58'$ E. on a true line between sections 12 and 13.
- 5.00 Descend through Canada San Gabriel.
- 7.75 Telegraph line, bears north and south.
- 8.50 San Gabriel River, 50 links wide, course south.
- 10.00 The Victoria Silver Mining Co's mill, bears N. 4.50 chains.
- 13.30 A large rock mound, bears south 20 links distant.
- 19.50 Leave Canada San Gabriel, course southwest and ascend.
- 21.75 A redwood stake, 4 inches square, marked section 12 and 13. S L on east and P S L on west faces, bears south 4 lks. dist.
- 24.50 Top of spur, 100 ft. above Canada, bears north and south. Descend.
- 32.00 Gulch 10 links wide, 150 feet below top of spur, bears north and south. Ascend.
- 37.50 Top of spur, 75 feet above gulch, bears north and south. Descend.
- 42.37 Enter Canada San Gabriel, course southeast and through same. The corner to sections 7, 12, 13 and 18. From the witness cr. to quarter section corner, I continue N. $89^{\circ} 51'$ W. on a random line.
- 7.37 To a point 3 links north of corner to sections 11, 12, 13 and 14, where I found pits in their proper places and a portion of an old earth mound but no trace of post. To re-establish corner I set a granite stone $20 \times 12 \times 6$ inches, 15 inches in the ground, marked with 4 notches on south and 1 notch on east edges, redug pits $18 \times 18 \times 12$ inches in each section, $5\frac{1}{2}$ feet distant and raised a mound of earth 4 feet base, 2 feet high, west of corner. I also mark stone S G F R on north face. Thence I run S. $89^{\circ} 54'$ E. on a true line bet. secs. 12 & 13. Descend.
- Head of gulch, 100 feet below section corner, course south

- Ascend.
 11.37 Top of spur, 150 feet above gulch, bears northwest and southeast.
 Descend.
 39.93½ Set a post 3 feet long, 3 inches square, with marked stone 24 inches in the ground for quarter section corner, marked S G F R & S on north face; dug pits 18 x 18 x 12 ins. east and west of post, 3 feet distant and raised a mound of earth, 3½ feet base, 1½ feet high north of corner.
 42.37 To old witness corner to quarter section corner.
 Land mountainous. Soil third rate. No timber. Dense undergrowth of chaparral. Mountainous land, 79.87 chains.
-
- From the corner to sections 11, 12, 13 and 14, I run
 S. 89° 47' W. on a random line between sections 11 and 14.
 40.03 To old quarter section corner, where I found a stone mound but no other trace of corner. This point being on almost perpendicular mountain side, I do not rebuild corner, but from this point, I run
 North 89° 47' E. on a true line between sections 11 and 14.
 Ascend.
 7.03 Trail, bears north and south on summit of ridge, 400 feet above quarter section corner, bears north and south. As I find it impossible to convey iron post 14 to its proper place west of this point, on the boundary of the Reservation, on account of the rough character of the land, at this point, which is 127.30 chains South 89° 38' East of the proper point for said corner, I set a square hollow iron post filled with cement, etc., 3 feet long, with sides 4 inches wide at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground for witness corner to corner No. 14 on boundary of San Gabriel Forest Reservation, marked
 T 1 W S 10 on northeast, R 10 W B 15 on southeast, S 16 on southwest and SGFR 14 S 9 on northwest faces; dug pits 36 x 36 x 12 inches, north and south of post, 4 feet distant and raised a mound of stone 1½ feet high, 5 feet base around post, alongside which I set a granite stone 20 x 16 x 8 inches, 15 inches in the ground, marked W C 127.30 on north face, to further mark this witness corner. Descend.
 31.03 Gulch 30 links wide, 600 feet below top of ridge, course South 30° East. Ascend.
 36.03 Top of spur, 150 feet above gulch, bears north and south.
 Descend.
 40.03 The corner to sections 11, 12, 13 and 14.
 From the old quarter section corner, I run
 South 89° 47' West on a random line between sections 11 and 14.
 40.12 To a point 12 links south of corner to sections 10, 11, 14 and 15, which is a granite stone 5 x 6 x 11 inches above the ground, marked and witnessed by a stone mound, nearly destroyed. I rebuild mound, 1½ feet high, 2 feet base alongside.
 Pits impracticable. I mark stone SGFR on north face.
 Thence I run
 North 89° 57' East on a true line between sections 11 and 14.
 Ascend.
 7.10 Summit of ridge, 500 feet above section corner, bears North 40° East and South 40° West. Descend.
 13.05 Gulch 50 links wide, 350 feet below top of ridge, course South.
 Ascend.
 40.12 The quarter section corner.
 Land mountainous. Soil third rate. No timber. Dense undergrowth of chaparral and buckthorn. Mountainous land 80.15 chs.

September 5, 1896.

September 7th: At 7h. Am., 1.m.t., I set off $34^{\circ} 11'$ North on the last arc; $5^{\circ} 47'$ North on the decl. arc and determine a true meridian with the solar, at the corner to Sections 10, 11, 14 and 15, previously described.

From the corner to sections 10, 11, 14 and 15 I run North $89^{\circ} 41'$ West on a random line between sections 10 and 15.

40.00 After diligent search, being unable to find any trace of old quarter section corner, I set temporary quarter section corner and continue North $89^{\circ} 41'$ West.

80.15 To a point 15 links south of corner to sections 9, 10, 15, and 16 which is a granite stone $12 \times 9 \times 5$ inches above the ground, the marks nearly obliterated and the mound partly destroyed, I remark stone S G F R on north face with 4 notches on south and 3 notches on east edges and rebuild stone mound $1\frac{1}{2}$ feet high, 2 feet base, North. Pits impracticable.

This is the proper point for corner No. 14 San Gabriel Forest Reservation boundary, to which I found it impossible to convey iron post. Thence I run South $89^{\circ} 35'$ east on a true line between sections 10 and 15.

Ascend.

18.65 Top of ridge, 500 feet above section corner, bears North 40° West and South 40° East. Descend.

40.07 $\frac{1}{2}$ Set a granite stone $20 \times 14 \times 12$ inches, 15 inches in the ground for quarter section corner, marked S G F R $\frac{1}{4}$ on North face, and raised a mound of stone $1\frac{1}{2}$ feet high, 2 feet base, North of corner. Pits impracticable.

48.15 Gulch 30 links wide, 600 feet below top of ridge, course Southeast. Ascend.

60.95 Top of spur, 300 feet above gulch, bears North and South. Descend.

72.00 Gulch 25 links wide, 250 feet below top of spur, course South. Ascend.

80.15 The corner to sections 10, 11, 14 and 15. Land mountainous. Soil third rate. Dense undergrowth of chaparral and buckthorn. No timber. Mountainous land, 80.15 chains.

From the corner to sections 9, 10, 15 and 16, I run S. $89^{\circ} 48'$ W. on a random line between sections 9 and 16.

40.10 To a point 5 links south of quarter section corner, which is a granite stone $5 \times 5 \times 13$ inches above the ground, the marks partly obliterated and the mound nearly destroyed. Remark stone S G F R $\frac{1}{4}$ on north face and rebuilt mound of stone. Pits impracticable. Thence I run N. $89^{\circ} 52'$ E. on a true line between sections 9 and 16.

Ascend.

7.60 Summit of ridge, 300 feet above section corner, bears northeast and southwest. Descend.

19.10 Ravine, 15 links wide, 500 feet below summit of ridge course south. Ascend.

40.10 The corner to sections 9, 10, 15 and 16. From the quarter section corner, I continue S. $89^{\circ} 48'$ W.

39.86 To a point 18 links south of corner to sections 8, 9, 16 and 17, which is a granite stone $5 \times 5 \times 10$ inches above the ground, marked as described by the Surveyor General, the stone mound being in bad condition, I rebuild same, $1\frac{1}{2}$ feet high, 2 feet base, I mark stone S G F R on north face. Pits impracticable. Thence I run S. $89^{\circ} 57'$ E. on a true line between sections 9 and 16.

Ascend.

5.06 Summit of ridge, 250 feet above section corner, bears north 15° W. and S. 15° E. Descend.

- 16.76 Gulch 45 links wide, 500 feet below summit of ridge, course south. Ascend.
- 39.86 The quarter section corner.
Land mountainous. Soil third rate. No timber. Dense undergrowth of chaparral and buckthorn.
Mountainous land, 79.96 chains. September 7, 1896.

September 8: at 7h 00M., i.m.t., I set off $34^{\circ}11'$ north on the lat arc; $5^{\circ}24'$ north on the decl. arc. and determine a true meridian with the solar, at the corner to Sections 8, 9, 16 and 17, previously described.

- 40.00 From the corner to Sections 8, 9, 16 and 17, I run South $89^{\circ}45'$ west on a random line, between Sections 8 and 17. After diligent search, being unable to find any trace of quarter section corner. I set temporary quarter section corner and continue south $89^{\circ}45'$ west.
- 80.36 To a point 16 links north of corner to Sections 7, 8, 17 and 18, where I found a portion of an old stone mound but no other trace of corner. To re-establish same, I set a granite stone $20 \times 10 \times 8$ inches, 15 inches in the ground, marked S G F R on north face, with 4 notches on south and 5 notches on east edges and rebuilt stone mound $1\frac{1}{2}$ feet high, 2 feet base west of corner. Pits impracticable. Thence I run N $89^{\circ}38'$ E. on a true line between Sections 8 and 17.
Ascend.
- 13.26 Top of spur, 500 feet above section corner, bears N. 60° W. and S. 60° E. descend.
- 31.66 Ravine, 60 links wide, 700 feet below top of spur, course S. 30° E. Ascend.
- 38.36 Top of ridge, 300 feet above ravine, bears northwest and southeast. Descend.
- 40.18 Set a sandstone $40 \times 18 \times 8$ inches 30 inches in the ground, for quarter section corner, marked S G F R $\frac{1}{4}$ on north face and raised a mound of stone $1\frac{1}{2}$ feet high, 2 feet base, north of corner. Pits impracticable.
- 68.36 Gulch 15 links wide, 600 feet below top of ridge, course south. Ascend.
- 80.36 The corner to Sections 8, 9, 16 and 17.
Land mountainous. Soil third rate. Dense undergrowth of Chamisal. Mountainous land, 80.36 chains.

From the corner to Sections 7, 8, 17 and 18, I run N. $89^{\circ}49'$ W. on a random line between Sections 7 and 18.

- 40.15 To a point 10 links north of old stone mound, being unable to find any other trace of old quarter section corner to re-establish same I set a sandstone $20 \times 18 \times 10$ inches, 15 inches in the ground, marked S G F R $\frac{1}{4}$ on north face and rebuilt stone mound $1\frac{1}{2}$ feet high, 2 feet base north of corner.
Pits impracticable. Thence I run S. $89^{\circ}58'$ E. on a true line between Section 7 and 18.
Descend.
- 1.65 Ravine 20 lks. wide 6 inches water flowing in same course northwest and continue descent along same.
- 15.15 Same ravine, 25 links wide. 200 feet below quarter section corner, course southwest. Ascend.
- 27.15 Top of spur, 300 feet above ravine, bears northwest and southeast. Descend.
- 35.65 Gulch 10 links wide, 200 feet below top of spur, course northwest. Ascend.
- 40.15 The corner to Sections, 7, 8, 17 and 18.
From the quarter Section corner, I continue north $89^{\circ}49'$ W. To a point 30 links south of slight traces of old corner to Sections 7, 12, 13 and 18 on range line between Tps. 1 N.,

Rs. 10 and 11 W., I set temporary corner to Sections 7, 12, 13 and 18, and to fully establish the location of this corner, proceed to the corner to Sections 11, 12, 13 and 14, T 1 N., R. 11 W., which is a sandstone 9 x 20 x 10 inches above the ground, marked and witnessed as described by the Surveyor General, which I mark S G F R on north face, thence east on a random line between Sections 12 and 13.

40.05

To a point 2 links north of old stone - -

From the quarter section corner, I continue east.

40.00

To a point 5 links south of temporary corner set for corner to Sections 7, 12, 13 and 18. I therefore conclude that that this is the proper point for said corner, but as it falls on nearly perpendicular slope of spur, not a suitable place to mark, I proceed east 75 links and re-establish corner at

40.75

By setting a square hollow, iron post filled with cement 3 feet long, the sides 4 inches wide, at the top, increasing to 12 inches wide at the bottom, 12 inches in the ground for witness to corner and to corner No. 15 on boundary of Reservation, marked T 1 N S 7 on northeast R 10 W S 18 on southeast, R 11 W S 13 on southwest and S G F R 15 S 12 on northwest faces, digging pits 36 x 36 x 12 inches, north and south of post, 4 feet distant and raising a mound of earth 1 1/2 feet high, 5 feet base around post; alongside which I set a sycamore post 3 1/2 feet long, 4 inches square, 24 inches in the ground, marked W C 75 links on north face. Thence I run S 89° 56' W on a true line between Sections 12 and 13.

Volume C-5

September 8, 1896.

Lewis H. Cutting

Note:

The field notes of the original survey of the Ranchoes Azusa (Lot No. 37) and Azusa (Lot No. 38) are missing from the records of the Surveyor-General's Office; for notes of Resurvey of N. Boundary of said Ranchoes by W. H. Norway in 1875, see pages 26 to 30 of these notes. Below are courses and distances of the original survey of Lot 37 and 38 (Ranchoes Azusa) taken from the plats.

Boundaries of Rancho Azusa (Lot 37)

<u>No.</u>	<u>Course</u>	<u>Distance</u>
1	S 15° E	3.64
2	S 2° E	3.50
3	S 68 1/2° E	84.22
4	S 79 1/2° E	119.00
5	N 75° E	11.00
6	N 68 1/2° E	45.00
7	N 58 1/2° E	46.10
8	S 6° W	57.60
9	S 39° W	115.00
10	S 58 1/2° W	15.50
11	S 42° W	7.00
12	South	40.00
13	West	60.00
14	South	80.00
15	West	65.00
16	N 67° W	190.00
17	N 26 1/2° E	246.25

Boundaries of Rancho Azusa (Lot 38)

1	South	180.00
2	West	220.00
3	North	20.00
4	West	20.00
5	North	20.00
6	West	20.00
7	North	40.00
8	N 42° E	7.00
9	N 58 1/2° E	15.50
10	N 39° E	115.00

11	N 46 1/2° E	109.40
12	S 7 1/2° W	19.50
13	S 18 1/2° E	22.50
14	S 4° E	40.00
15	N 89° E	53.50

Volume - - -
F. W. C. S.

October 1858.
H. Hancock

E. B. T 1 N. R. 10 W. S. B. M.

North on E. B. of Sec. 13.

Var. $14\frac{1}{2}^{\circ}$ E.

50.00

Set sycamore post 4 x 4 in. $3\frac{1}{2}$ ft. long in mound of rocks
as inst. for cor. to Secs. 7, 12, 13 and 18, from which a
Live oak 16 in. dia. brs. S. 32° W. 1.95 chs. dist.
Red oak 18 in. dia. brs. S. $45\frac{1}{2}^{\circ}$ E. 3.23 chs. dist.
Land rough, 2nd rate. Timber live oak and sycamore.

Vol. 162-13.
G. B. J.

Nov. 25, 1875.
W. H. NORWAY

W. B. T 1 N. R. 10 W. S. B. M.

From the established cor. to Secs. 7, 12, 13 and 18 on the
W. B. of Tp. which is a well preserved post plainly marked
T. 1 N. S. 7 on N. E., R. 9 W. S. 18 on S. E., R. 10 W. S. 13 on
S. W. and S. 12 on N. W. faces with 2 notches on N. and 4 notches
on S. edges with mound of stone around post.
from which brs. as

Oak 16 in. dia. S. 32° W. 1.95 chs. dist.
Oak 18 in. dia. S. $45\frac{1}{2}^{\circ}$ E. 3.23 chs. dist.

I RUN
North bet. Secs. 7 and 12, retracing 60 chs.

Feb. 11, 1884.

G. W. PEARSON.

Vol. 215-6

G. B. J.

T. 1 N., R. 10 W., S. B. M.

From the cor. to Secs. 22, 23, 26 and 27, I run
West on true line bet. Secs. 22 and 27.

Va. $14\frac{1}{4}^{\circ}$ E.

60.00

Set oak post on mound of rocks as inst. for cor. to Secs.
21, 22, 27, 28,
Land mostly through dry bushy land of San Gabriel River.
2nd and 3rd rates.

From the cor. to Secs. 21, 22, 27, 28, I run
North bet. Secs. 21 and 22.

Va. $14\frac{1}{4}^{\circ}$ E.

15.40
31.00
37.00

Cross zanja co. S.W.
Leave river bottom and ascend.
Foot of rocky ridge, as the $\frac{1}{4}$ sec. cor. will fall on rocky
ledge not suitable to build a mound, I set at this point a
Toyon post 3 x 3 in. 3 ft. long in mound of rocks on steep
side hill facing S. as inst. for witness to $\frac{1}{4}$ sec. cor.
L.M. Romussin's house bra. N.E. about 7.00 chs. dist.
The true point for $\frac{1}{4}$ Sec. cor. on rocky ledge co. E. & W.
Summit of ridge & descend, co. E. & W.
Set redwood post 4 x 4 in. 3 ft. long in mound of rocks as
inst. for cor. to Secs. 15, 16, 21, 22.
Land S. $\frac{1}{4}$ level, mostly river bottom, N. $\frac{1}{4}$ Mts.
Good Bee rancho. Soil all 3d rate.

40.00
59.00
60.00

North bet. Secs. 15, 16.

Va. $14\frac{1}{4}^{\circ}$ E.

21.50 Cross gulch 50 lks. wide co. S.E., thence ascend.
40.00 Set a Toyon post 3 x 3 in. 3 ft. long in mound of rocks as
inst. for $\frac{1}{4}$ sec. cor. The Mts. are too rough and worthless
to run further N., I therefore run E. on $\frac{1}{4}$ sec. line through
center of Sec. 15.

Va. $14\frac{1}{2}^{\circ}$ E.

40.00 Along on S. slope ridge.
Set redwood post 3 x 3, 3 ft. long in mound of rocks as inst.
for $\frac{1}{4}$ sec. cor. in center of sec. 15.
Land rough Mts. Some timber in Canadas.
This is all the land in this direction worth subdividing.
Dec. 2, 1875.

North bet. Secs. 20 and 21.

Va. $14\frac{1}{2}^{\circ}$ E.

50.00 Set said rock 10 x 16 x 24 in. in mound of rock as inst. for
cor. to Secs. 16, 17, 21, 22.
Land high Mts., 3rd rate soil. Good Bee rancho.

North bet. Secs. 19 and 20.

Va. $14\frac{1}{2}^{\circ}$

50.00 Set oak post 4 x 4 in. 3 ft. long in mound of rock as inst.
for cor. to Secs. 17, 18, 19, 20 on side hill facing N.W.
Land very rough along true gravel land in rolling of Canada.
Old Placer Mines in Sec. 19.

Dec. 3, 1875.

East on random line bet. Secs. 17, 20.

Va. $14\frac{1}{4}^{\circ}$ E.

Along on S. slope of Mt.
Descend.

14.51
40.00
44.50
53.00
62.50
79.86

Set a post for temp. $\frac{1}{4}$ sec. cor.
Cross gulch 50 lks. wide co. S., thence ascend.
Summit of spur, co. N. & S. & descend.
Cross gulch 50 lks. wide co. S., thence ascend.
Int. the N. & S. line 14 lks. S. of cor. to Secs. 16, 17, 20, 21
from which cor. I run
S. $59^{\circ} 54'$ W. on true line bet. Secs. 17, 20.

Va. $14\frac{1}{4}^{\circ}$ E. 39.93 chs.

The point for $\frac{1}{4}$ sec. cor. falling on steep side hill, not
suitable to build a monument, I continue and at
Set oak post 3 x 3 in. 3 ft. long in mound of rocks as inst.
for witness to $\frac{1}{4}$ sec. cor.

43.50
79.86

The cor. to Secs. 17, 18, 19, 20.
Land over rough high Mt., 3rd rate soil with timber in Canadas,
Oak and Sycamors.

Dec. 4, 1875.

W. H. NORWAY

Vol. 162-13

G.B.J.

T. 1 N., R. 10 W., S.E.M.

From the established cor. to Secs. 15, 16, 21, 22, which is a
post 4 x 4 ins. marked T 1 N., S. 15 on N.E., R. 10 W.S. 22 on
S.E., S. 21 on S.W. and S. 16 on N.E. faces with large mound
of rocks around post, I run
North bet. Secs. 15 and 16, retracing 40 chs.

Va. $14^{\circ} 29'$ E.

Descending.
 21.50 Gulch 50 lks. wide course N.E. Ascend.
 40.00 After diligent search, being unable to find old corner, I set
 sand stone 19 x 12 x 8 ins. 14 ins. in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on W. face, and raised mound of stone alongside.
 Pits impracticable.
 50.00 Summit of ridge brs. N. 50° W. and S. 50° E. Descend.
 65.50 Ravine 40 lks. wide course E. Ascend.
 80.00 Set granite stone 16 x 12 x 9 ins. 11 ins. in the ground for
 cor. to Secs. 9, 10, 15, 16 marked with 4 notches on the S.
 and 3 notches on the E. edge and raised mound of stone alongside.
 Pits impracticable.
 Land mountainous, soil 3d. rate.
 Timber scattering pine and oak in ravines.
 Dense undergrowth of chaparral.

From cor. to Secs. 15, 16, 21, 22. I run.
 West on a random line bet. Secs. 16, 21, retracing.
 Va. 14° 29' E.

80.06 Int. N. & S. line 11 lks. S. of cor. to Secs. 16, 17, 20, 21,
 which is a sandstone 22 x 13 x 10 ins. firmly set in ground,
 marked with 3 notches on the S. and 4 notches on the E. edges
 in large mound of rocks.
 Thence I run
 S. 89° 55' E. on a true line bet. Secs. 16 and 21 with same Va.

April 14, 1884.

G. W. PEARSON

Vol. 206-2

G. B. J.

T. 1 N., R. 10 W., S.B.M.

From the cor. the Secs. 22, 23, 26 and 27, I run
West on a true line bet. Secs. 22 and 27.
Var. $14\frac{1}{2}^{\circ}$ E.

30.00 Set oak post in Md. of rocks as inst. for cor. to Secs.
21, 22, 27 and 28.
Land mostly dry bushy land of San Gabriel River.
2nd and 3rd rate.

From the cor. to Secs. 21, 22, 27 and 28, I run
North bet. Secs. 21 and 22.
Va. $14\frac{1}{2}^{\circ}$ E.

15.40 Cross Sanja co. S.W.
31.00 Leave river bottom and ascend.
37.00 Foot of rocky ridge; as the $\frac{1}{4}$ sec. cor. will fall on rocky
ledge not suitable place to build a md., I set at this point
a Toyen post 3 x 3 ins. 3 ft. long, in Md. of rocks on steep
side hill facing S., as inst. for witness to $\frac{1}{4}$ sec. cor.
L.M. Rosmussen's house bears N.E. about 7.00 obs. dist.
40.00 The true point for $\frac{1}{4}$ sec. cor. on rocky ledge co. E. and W.
59.00 Summit of ridge and descend, co. E. and W.
50.00 Set redwood post 4 x 4 ins. 3 ft. long, in Md. of rocks, as
inst. for cor. to Secs. 15, 16, 21 and 22.
Land S. $\frac{1}{4}$ level, mostly river bottom, N. $\frac{1}{4}$ Mrs. Good Bee Rancho
Soil all 3d rate.

East on a random line bet. Secs. 15 and 22.

Va. $14\frac{1}{2}^{\circ}$ E.

7.50 Cross gulch with timber S. 10° E. and ascend.
10.00 Summit of spur co. N. and S. and descend.
20.00 Cross a ravine 50 lks. wide, co. SE. and descend.
40.00 Set a post for temp. $\frac{1}{4}$ sec. cor.
54.50 Summit of spur, co. N.W. and S.E. and descend.
79.90 Intersect the N. and S. line 21 lks. S. of cor. to Secs. 14,
15, 22 and 23, from this cor. I run
S. $89^{\circ} 51'$ W. on true line bet. Secs. 15 and 22.
Va. $14\frac{1}{2}^{\circ}$ E.

39.95 Set an oak post 3 x 3 ins., 3 ft. long, in large Md. of
rocks on S.W. slope of Mtns. as inst. for $\frac{1}{4}$ sec. cor.
79.90 The cor. to Secs. 15, 16, 21 and 22.
Land rough, Mtns. 3d. rate. Timber in Canadas good bee rancho.

North bet. Secs. 15 and 16.

Va. $14\frac{1}{2}^{\circ}$ E.

21.50 Cross gulch 50 lks. wide, co. S.E. thence ascend.
40.00 Set a Teyen post 3 x 3 ins. 3 ft. long, in Md. of rocks, as
inst. for $\frac{1}{4}$ sec. cor. The Mtns. are too rough and worthless
to run further N. I therefore run East on $\frac{1}{4}$ sec. line,
through center of Sec. 15.
Along on S. slope ridge.
Va. $14\frac{1}{2}^{\circ}$ E.

40.00 Set redwood post 3 x 3, 3 ft. long, in Md. of rocks as inst.
for $\frac{1}{4}$ sec. cor. in centre of Sec. 15.
Land rough Mtns. Some timber in Canadas. This is all the
land in this direction worth subdividing.

December 2, 1875.

North bet. Secs. 20 and 21.

Va. $14\frac{1}{4}^{\circ}$ E.

80.00 Set rock 10, 16 x 24 ins. in Md. of rock, as inst. for cor.
to Secs. 16, 17, 21 and 22.
Land high, Mts. 3d. rate, soil. Good bee rancho.

East on random line bet. Secs. 16 and 21.

Va. $14\frac{1}{4}^{\circ}$ E.

11.50 Cross gulch near head co. S. and ascend.

40.00 Summit high ridge set a post for temp. $\frac{1}{4}$ sec. cor.

41.50 Descend.

80.10 Intersect the N. and S. line at the post cor. to Secs. 15, 16,
21, 22, from which I run

West on true line bet. Secs. 16 and 21.

Va. $14\frac{1}{4}^{\circ}$ E.

40.05 Set an oak post 3 x 3 ins. 3 ft. long in Md. of rocks, as
instructed for $\frac{1}{4}$ sec. cor.

80.10 The cor. to Secs. 16, 17, 20 and 21.

Land high and rough Mt. 3d rate. Soil with timber in canada.
Oak and sycamore.

Van Tassel's house in S.W. $\frac{1}{4}$ of Sec. 21.

This is as far N. as it is practicable to survey on acct. of
the worthlessness of the land.

Volume 162-13.

December 3, 1875.

Wm. H. Norway

T. 1 N., R. 10 W., S. B. M.

From the established corner to Sections 11,12,13,14, I run West on a random line between 11 and 14, retracing.

Va. 14°29' E.

80.11 Intersect N. and S. line 31 lks. N. of corner to Sections 10, 11,14,15, which is part of decayed post in mound of rocks. I rebuilt corner by setting a granite stone 14 x 11 x 6 ins., 9 ins. in the ground for corner to Sections 10, 11, 14, 15, marked with 4 notches on S. and 2 notches on E. edges, and rebuilt mound of rocks alongside. Thence I run N. 89° 47' East on a true line between Sections 11, 14, with same variation.

From the established corner to Sections 15,16,21,22, which is a post 4 x 4 ins., marked T 1 N S 15 on N.E., R. 10 W.S. 22 on S.E., Section 21 on the S.W. and Section 16 on N.E. faces with large mound of rocks around post. North bet. Sections 15 and 16, retracing 40.00 chains. Descending. Va. 14°29' E.

21.50 Gulch 50 lks. wide, course N.E. Ascend.
40.00 After diligent search, being unable to find old corner, I set sandstone 19x12x8 ins., 14 ins. in the ground for 1/4 section corner, marked 1/4 on W. face, and raised mound of stone alongside. Pits impracticable.
50.00 Summit of ridge bears north 50° W. and S. 50° E. Descend.
65.50 Ravine 40 lks. wide, course E. Ascend.
80.00 Set granite stone 16 x 12 x 9 ins., 11 ins. in the ground for corner to Sections 9, 10, 15, 16, marked with 4 notches on

the south and 3 notches on the east edge, and raised mound of stone alongside. Pits impracticable.

Land mountainous. Soil 3d rate. Timber scattering pine and oak in ravines. Dense undergrowth of chaparral.

East on a random line between Sections 10 and 15.
Va. 14° 29' E.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
80.40 Intersect N. and S. line 46 lks. N. of corner to Sections,
10, 11, 14, 15, thence I run
N. 89° 40' west, on a true line between Sections 10, 15, with
same variation. Descend.
7.50 Gulch 20 lks. wide, course S. Ascend.
17.50 Point of spur bears south. Descend.
30.00 Ravine 45 lks. wide, course S.E. Ascend.
40.20 Set sand stone 16 x 11 x 5 ins. 11 ins. in the ground, for
 $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ on N. face, and raised mound of stone
alongside. Pits impracticable.
63.50 Top of ridge bears N.W. and S.E. Descend.
80.40 The corner to Sections 9, 10, 15, 16.
Land mountainous. Soil 3d. rate. Timber pine and oak in
ravines. Dense undergrowth of chaparral.

From corner to Sections 15, 16, 21, 22, I run
West on a random line between Sections 16, 21, retracing.

Va. 14° 29' E.

40.00 After diligent search, being unable to find corner, I set
temporary $\frac{1}{4}$ sec. cor.

50.06 Intersect N. and S. line 11 links S. of corner to Sections 16, 17, 20, 21 which is a sandstone 22 x 13 x 10 ins. firmly set in ground, marked with 3 notches on the S. and 4 notches on the East edges in large mound of rocks.
 Thence I run
 S. 89°55' East on a true line between Sections 16, 21 with same variation. Descend.

11.50 Gulch 14 lks. wide, course S. Ascend.

40.03 Set sand stone 17 x 12 x 4 ins., 12 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face, and raised mound of stone alongside. Pits impracticable. Top of ridge bears N. and S. Descend.

50.06 The corner to Sections 15, 16, 21, 22.
 Land mountainous. Soil 3d rate. Timber none. Dense undergrowth of chaparral.

From the established corner to Secs. 16, 17, 20 and 21,
 I run North bet. Sections 16, 17.
 Va. 14°29' E.

50.00 Set granite stone 12 x 10 x 5 ins., 7 ins. in the ground marked with 4 notches on S. and E. edges, and raised mound of stone alongside. Pits impracticable.
 Land mountainous. Soil 3d rate. Timber none.
 Dense undergrowth of chaparral.

East on a random line between Sections 9, 16.
 Va. 14° 29' E.

40.00 Set temporary $\frac{1}{4}$ section corner.
 79.84 Intersect N. and S. line 27 links S. of corner to Sections 9, 10, 15, 16 thence I run.

S. 89°45' West on a true line between Sections 9, 16, with
 same variations. Descend.
 19.65 Ravine 20 lks. wide, course S. 5° West. Ascend.
 32.50 Summit of ridge bears north and south. Descend.
 39.92 Set granite stone 18 x 13 x 5 ins. 13 ins. in the ground for
 † section corner marked † on N. face, and raised mound of
 stone alongside. Pits impracticable.
 65.00 Gulch 45 links wide, course S. 10° East. Ascend.
 74.30 Summit of ridge bears N. 10° W. and S. 10° E. Descend.
 79.84 The corner to Sections 8, 9, 16, 17.
 Land mountainous. Soil 3d rate. Timber scattering.
 Pine and oak in ravines. Dense undergrowth of chaparral.
 Volume 206-2. April 7, 1884.

Geo. W. Pearson

Boundary Line of San Gabriel Forest Reservation.

(Through T. 1 N., R. 10 W., S.B.M.)

40.12 From the old quarter section corner, I run
 South 89° 47' west on a random line between Sections 11 and 14.
 To a point 12 links south of corner to Sections 10, 11, 14 and
 15, which is a granite stone 5 x 6 x 11 ins. above the ground,
 marked and witnessed as described by the Surveyor General and
 witnessed by a stone mound, nearly destroyed.
 I rebuild mound, 1½ feet high, 2 feet base alongside.
 Pits impracticable. I mark stone S Q P R on north face,
 Thence I run
 North 89° 57' east on a true line between Sections 11 and 14.

September 5, 1896.

- From the corner to Sections 10, 11, 14 and 15 I run North $89^{\circ} 41'$ west on a random line between Sections 10 and 15.
- 40.00 After diligent search, being unable to find any trace of old quarter section corner, I set temporary quarter section cor. and continue north $89^{\circ} 41'$ west.
- 80.15 To a point 15 links south of corner to Sections 9, 10, 15 and 16, which is a granite stone 12 x 9 x 5 ins. above the ground, the marks nearly obliterated and the mound partly destroyed, I remark stone S G F R on north face with 4 notches on south and 3 notches on east edges and rebuild stone mound $1\frac{1}{2}$ feet high, 2 feet base north. Pits impracticable. This is the proper point for corner No. 14 San Gabriel Forest Reservation Boundary, to which I found it impossible to convey iron post. Thence I run South $89^{\circ} 35'$ east on a true line between Sections 10 and 15. Ascend.
- 18.65 Top of ridge, 500 ft. above section corner, bears north 40° west and south 40° east. Descend.
- 40.07 $\frac{1}{2}$ Set a granite stone 20 x 14 x 12 ins. 15 ins. in the ground for quarter section corner, marked S G F R $\frac{1}{4}$ on north face, and raised a mound of stone $1\frac{1}{2}$ feet high, 2 feet base north of corner. Pits impracticable.
- 48.15 Gulch, 30 lks. wide, 600 ft. below top of ridge, course S.E. Ascend.
- 60.95 Top of spur, 300 feet above gulch, bears north and south. Descend.
- 72.00 Gulch 25 lks. wide, 250 feet below top of spur, course south. Ascend.
- 80.15 The corner to Sections 10, 11, 14 and 15. Land mountainous. Soil third rate. Dense undergrowth of chaparral and buckthorn. No timber. Mountainous land, 80.15 chains.

- From the corner to Sections 9, 10, 15 and 16, I run
 South $89^{\circ}48'$ west on a random line, bet. Sections 9 and 16.
 To a point 5 links south of quarter section corner, which is
 a granite stone, 5 x 5 x 13 ins. above the ground, the marks
 partly obliterated and the mound nearly destroyed. Remarked
 stone S G F R $\frac{1}{4}$ on north face and rebuilt mound of stone.
 Pits impracticable. Thence I run
 North $89^{\circ}52'$ east on a true line between Sections 9 and 16.
 Ascend.
- 40.10 Summit of ridge, 300 ft. above section corner, bears N.E. and S.W.
 Descend.
- 7.60 Ravine, 15 lks. wide, 500 ft. below summit of ridge course S.
 Ascend.
- 19.10 The corner to Sections 9, 10, 15 and 16.
 From the quarter section corner, I continue S. $89^{\circ}48'$ W.
 To a point 18 lks. south of corner to Sections 8, 9, 16 and 17,
 which is a granite stone 5 x 5 x 10 ins. above the ground,
 marked as described by the Surveyor General. The stone mound
 being in bad condition, I rebuild same, $1\frac{1}{2}$ ft. high. 2 ft.
 base, I mark stone S G F R on north face. Pits impracticable.
 Thence I run
 South $89^{\circ}57'$ east on a true line bet. Sections 9 and 16.
 Ascend.
- 40.10 Summit of ridge, 250 ft. above sections corner, bears north 15°
 west and south 15° east. Descend.
- 39.86 Gulch 45 lks. wide, 500 ft. below summit of ridge, course S.
 Ascend.
- 5.06 The quarter section corner.
 Land mountainous.
 Soil third rate.
- 16.76
- 39.96

No timber.

Dense undergrowth of chaparral and buckthorn.

Mountainous land, 79.96 chains.

Volume 0-5.

September 7, 1896.

F.W.C.S.

Lewis H. Cutting.

Field Notes of Sections 6 and 7, T. 1 N. R. 10 W., S.B.M.
found in Volume 162 and 206 Surveyor General's Office.

Volume 162- Div. 13

From the established cor. to Secs. 18, 19, 13, 24 on the
West Boundary of this Township I run
North on West boundary of Sec. 18.

Var. $14\frac{1}{4}^{\circ}$ E.

Ascending over high hills.

40.00 Set redwood post 3 x 3 in. $3\frac{1}{2}$ ft. long in rock mound as inst.
for $\frac{1}{4}$ sec. cor.

50.00 Summit of ridge course E. and W. and descend.

71.50 Cross Saw Pit Creek 10 lks. wide course W.

80.00 Set oak post 4 x 4 in. $3\frac{1}{2}$ ft. long in mound of rocks as
inst. on side hill facing south, for cor. to Secs. 7, 12,
13, 18 from which

A gray granite rock 4 ft. cube brs. N, 56° E. 22 $\frac{1}{2}$ lks. dist.
Land rough 1st and 2nd rate, N. $\frac{1}{4}$ S. $\frac{1}{4}$ 3rd rate.

North on West boundary of Sec. 7.

Var. $14\frac{1}{4}^{\circ}$ E.

Ascending high hills.

40.00 Set oak post 3 x 3 in. $3\frac{1}{2}$ ft. long in mound of earth and
pits as inst. for $\frac{1}{4}$ sec. cor.

50.00 Set redwood post 4 x 4 in. $3\frac{1}{2}$ ft. long in mound of rocks on
side hill facing N.E. as inst. for cor. to Secs. 1, 6, 7
and 12.

Land rough, soil mostly 2nd rate.
Live oak and redwood poles. Underbrush chemical.

North on West boundary of Sec. 6.

Var. $14\frac{1}{4}^{\circ}$ E.

26.50

Cross gulch 50 lks. wide course S.E.

40.00

Set oak post 4 x 4 in. 3 ft. long in mound of earth and pits as inst. for $\frac{1}{4}$ sec. cor. Thence ascend abrupt side hill.

80.00

Set spruce post 6 x 6 in. 4 ft. long in mound of rocks on S.E. slope of high mountains as inst. for cor. to Tps. 1 & 2 N., R. 10 and 11 W.

Land rough along line, timber oak and fir in canadas 2nd and 3rd rate soil.

The North boundary of this Tp. can only be run part way. I therefore run it a true line east.

East on true line on North boundary of Sec. 6.

Var. $14\frac{1}{4}^{\circ}$ E.

Descending.

26.50

Cross dry gulch near head 20 lks. wide, course S.E. thence ascend.

40.00

Set redwood post 3 x 3 in. 3 ft. long in mound of rocks as inst., for $\frac{1}{4}$ sec. cor. from which

A gray granite rock 10 ft. cube brn. S. $70\frac{1}{2}^{\circ}$ E. 1.25 chs. dist.

80.00

Set granite rock 10x16x24 in. in mound of rocks as inst. for cor. to Secs. 5, 6, 31 and 32.

North bet. Secs. 17 and 18.

Var. $14\frac{1}{4}^{\circ}$ E.

This line being too rough to measure, I begin at $\frac{1}{4}$ sec. cor. bet. Secs. 17 and 20 and run North through Sec. 17 on $\frac{1}{4}$ sec. line on E. slope of hill ascending.

40.00 Set an oak post 3 x 3 in. 3 ft. long in mound of rocks as inst., for $\frac{1}{4}$ sec. cor., centre of Sec. 17, from which a live oak tree 12 in. dia. brs. S. 60° E. 28 lks. dist. Thence W. on $\frac{1}{4}$ Sec. line,

33.50 Cross gulch near head co. S.W.

40.00 Set redwood post 3 x 3 in. 3 ft. long in mound of rocks on side hill sloping S.E. as inst. for $\frac{1}{4}$ sec. cor. on line bet. Secs. 17 and 18, thence continued. North bet. Secs. 17 and 18.

Var. 14 $\frac{1}{2}$ ° E.

Ascending.

25.00 Summit of spur, course N.E. and S.W. and descend.

40.00 Set redwood post 4 x 4 in. 3 $\frac{1}{2}$ ft. long in large mound of rocks as inst., for cor. to Secs. 17, 18, 7 and 8.

Land rough mountains 3rd rate with mineral indicating placers.

The line bet. Secs. 8 and 17 is too rough and worthless to survey, I therefore run W. on random line bet. Secs. 7 and 18.

Var. 14 $\frac{1}{2}$ ° E.

Along on S. slope of ridge.

15.00 Cross gulch 25 lks. wide course W. thence along N. side.

25.59 Cross same gulch 25 lks. wide course N.W. Thence along on South side of Gulch.

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

45.50 Cross gulch 100 lks. wide course S.

58.50 Cross gulch 25 lks. wide course S.

71.50 Enter field of Butler, course N. & S.
80.63 Int. W. boundary of Tp. 26 lks. S. of cor. to Secs. 7 and 18,
from this cor. I run
S. 89°49' E. on true line bet. Secs. 7 and 18.
Var. 14½° E.

40.63 Set oak post 3 x 3 in. 3 ft. long in mound of rocks as inst.
for ¼ sec. cor.

80.63 The cor. to Secs. 7, 8, 17 and 18.
Land very rough with oak and sycamores in canadas.
W. ¼ mostly 1st rate.

North bet. Secs. 7 and 8.

Var. 14½° E.

Descending.

7.50 Cross gulch 25 lks. wide course S.W. and ascend.

40.00 Set sand rock 6 x 10 x 20 in. in mound of rock as inst. for
¼ sec. cor.

43.00 Summit of ridge course N.E. and S.W., thence along on ridge.

46.50 Descend.

80.00 Set an oak post 4 x 4 in. 3½ ft. long in mound of rocks as
inst. for cor. to Secs. 5, 6, 7, 8, from which
A live oak tree 10 in. dia. brs. N. 80° W. 70 lks. dist.
A fir tree 20 in. in dia. brs. 72½° W. 45 lks. dist.

December 4, 1875.

West on random line bet. Secs. 6 and 7.

Var. 14½° E.

10.00 Cross gulch 20 lks. wide course S.W.

22.50 Summit of spur course N. & S.
 33.00 Cross gulch 75 lks. wide course S.
 40.00 Temp. post for $\frac{1}{4}$ sec. cor. on steep side hill facing E.
 45.00 Top of ridge course N. & S.
 62.75 Cross gulch 25 lks. wide course S.E. and ascend.
 80.30 Int. the W. bound of Tp. 14 lks. S. of the cor. to Secs. 6
 and 7, from this cor. I run S. $89^{\circ} 54'$ E. on true line bet.
 Secs. 6 and 7.

Var. $14\frac{1}{4}^{\circ}$ E.

34.70 Summit of high ridge, as the $\frac{1}{4}$ sec. cor. will fall on steep
 side hill, not suitable place to build a monument I set
 A redwood post 3 x 3 in. 3 ft. long in mound of rocks for
 witness to $\frac{1}{4}$ sec. cor.

40.30 The true point for $\frac{1}{4}$ sec. cor.

80.30 The cor. to Secs. 5, 6, 7, 8.
 Land rough with scattering timber in canadas.

 North on random line bet. Secs. 5 and 6.

Var. $14\frac{1}{4}^{\circ}$ E.

Descending.

6.50 Cross gulch 25 lks. wide course S.W., thence ascend

22.50 Summit of spur course N. & S.

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

44.50 Enter gulch course S.W. thence up same 50 lks.

46.75 Leave same and ascend.

80.23 Int. the N. boundary of Tp. 19 lks. E. of the cor. to Secs.
 5 and 6 from this cor. I run

S. $08'$ E. on true line bet. Secs. 5 and 6.

Var. $14\frac{1}{4}^{\circ}$ E.

40.23 Set an oak post 3 x 3 in. 3 ft. long in mound of rocks on

steep side hill facing N. as inst. for $\frac{1}{4}$ sec. cor. from which
A fir tree 20 in. dia. brs. N. 16° W. 140 chs. dist.
50.23 The cor. to Secs. 5, 6, 7, 8,
Land very rough, high mountains with scattering fir and oak timber.

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From the cor. to Secs. 5, 6, 7, 8, I run
North on a random line bet. Secs. 5 and 6, retracing.
Var. $14^{\circ} 29'$ E.
40.00 After diligent search being unable to find old cor.
Set temp. $\frac{1}{4}$ sec. cor.
50.42 Intersect N. E. of Tp. 50 lks. W. of cor. to Secs. 5, 6,
31, 32, thence I run
S. $0^{\circ} 21'$ W. on a true line bet. Secs. 5 and 6 with same
variation.
Descend.
23.00 Gulch 50 lks. wide course S.W.
Ascend.
40.42 Set granite stone 17x11x9 in. 12 in. in the ground for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on N. face, and raised mound of stone alongside.
Pits impracticable.
58.00 Summit of ridge brs. E. and W.
Descend.
74.00 Gulch 30 lks. wide course S. 60° W.
50.42 The cor. to Secs. 5, 6, 31 and 32.
Land mountainous.

Soil 3rd rate.

Timber none.

Dense undergrowth of chaparral.

April 8, 1884.
