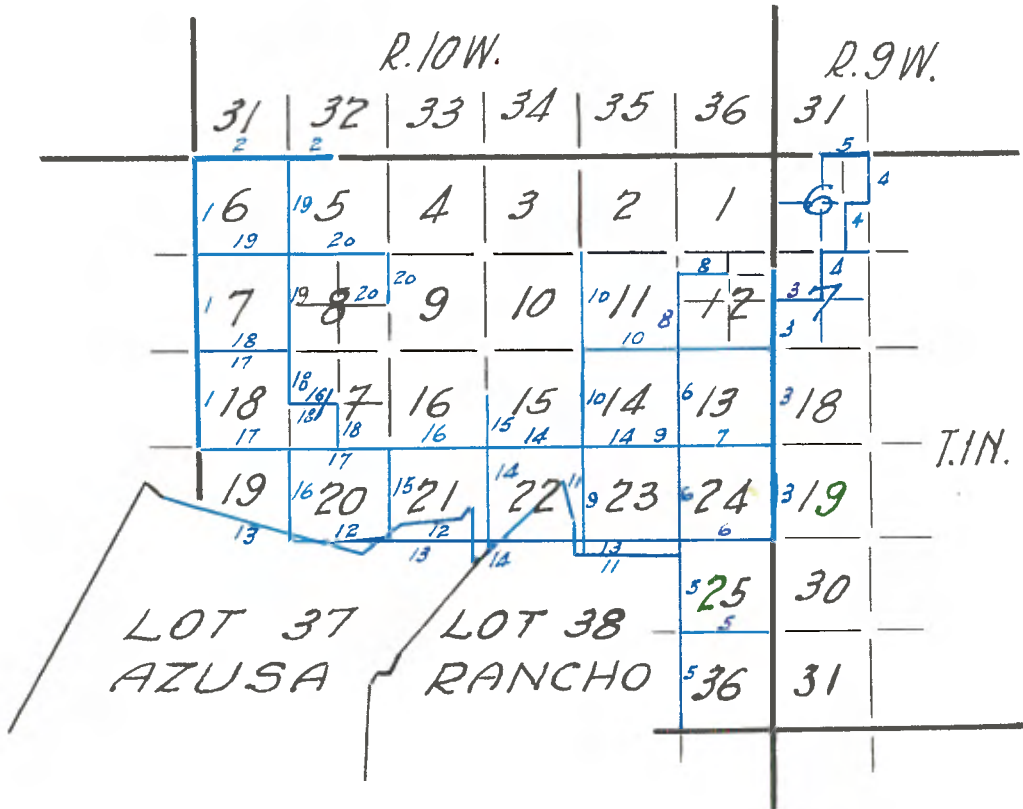


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T. 1 N., R. 10 W., S. B. M.

Field notes of the exterior boundaries of Tp. 1 N.
R. 10 W. of San Bernardino base and Mer. State of Cal.
Surveyed by Wm. H. Norway Dep. Surveyor, under contract
with Jas. T. Stratton U. S. Surveyor Genl. for Cal.
dated July 31st 1875.

From the established cor. to Secs. 18-19-13-24 on the
W. boundary of Tp. I run,
North, on W. boundary of Sec. 18.

Var. 14-1/4° E.

40.00 Ascending over high hills.
Set redwood post 3 x 3 in. 3-1/2 feet long in rock Md. as
instructed for 1/4 sec. cor.
50.00 Summit of ridge, E. and W. and descend.
70.00 J. M. Butlers house about 3.00 chs. E.
71.50 Cross same pit creek 10 lks. wide co. W.
80.00 Set oak post 4 x 4 in. 3-1/2 feet long in Md. of rocks as
instructed in side hill facing S. for cor. to Secs. 7-12-13-18
from which a gray granite rock 4 feet cube bears N. 86° E.
22 lks. dist.
Land rough 1st and 2nd rate. N. 1/2, S. 1/2 3rd rate.

North on West boundary of Sec. 7.

Var. 14-1/4° E.

40.00 Ascending high hills.
Set an Oak post 3 x 3 in. 3-1/2 feet long in Md. of earth
and pits as instructed for 1/4 Sec. Cor.
80.00 Set redwood post 4 x 4 in. 3-1/2 feet long in Md. of rocks
on side hill facing N. E. as instructed for cor. to Secs.
1-6-7-12
Land rough, soil mostly 2nd rate. Timber line.
Oak and Redwood poles under brush chemisal.

North on W. boundary of Sec. 6th

Var. 14-1/4° E.

26.50 Cross a gulch 50 lks. wide. Co. S. E.
40.00 Set an Oak post 4 x 4 in. 3 feet long in Md. of earth and
pits as instructed for 1/4 sec. cor. thence ascend abrupt
side hill.
80.00 Set spruce post 6 x 6 in. 4 feet long in Md. of rocks on
S. E. slope of high mountains as instructed for cor. to
Townships 1 and 2 N. Ranges 10 and 11 W.
Land very rough along line timber oak and fir in Canadas
2nd and 3rd rate soil.

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

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

East on true line on northern boundary of Sec. 6.
Var. 14-1/4° E.

- Descending.
28.50 Cross dry gulch near head 20 lks. wide Co. S.E. thence
Ascend.
40.00 Set Redwood post 3 x 3 in. 3 feet long in a Md. of rock as
instructed for 1/4 sec. cor. from which
A gray granite rock 10 feet cube bears S. 70-1/2° E.
1.25 chs. dist.
80.00 Set granite rock 10 x 16 x 24 in. in Md. of rocks as
instructed for cor. to Secs. 5-6-31-32.
Land very rough with timber in
Canadas Oak, and scattering Fir and Pine.
-

East on true line on N. boundary of Sec. 5.
Var. 14-1/4° E.

- 40.00 Along on S. slope of high Mts.
Set granite rock 10 x 16 x 20 in. in Md. of rocks, a steep
side hill facing S. as instructed for 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 2 N. R. 10 W. is rough and broken Mts. with some
timber in Canadas but too rough country to make the timber
available.
Nov. 24th, 1875.
From the established cor. to Secs. 24-25-19-30 on the E.
boundary of Tp. I run,
-

North on East boundary of Sec. 24.
Var. 14-1/4° E.

- Ascending over high hills.
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 an Oak post 3 x 3 in. 3 feet long in Md. of earth and
pits as instructed for 1/4 sec. cor. from which,
A Redwood tree 6 in. diam. bears N. 42° E. 18 lks. dist.
71.00 Summit of high Spur Co. S. W. and N. E. and descend.
80.00 Set Oak post 4 x 4 in. 3-1/2 feet long in Md. of rocks as
instructed on steep side hill facing N. for cor. to
Secs. 13-18-19-24.
Land high broken Mts. 2nd and 3rd rate soil,
Timber, Live Oak, some fir scattering.
-

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

North, on E. boundary of Sec. 13,
Var. 14-1/4° E.

Descend.

40.00 The point for 1/4 sec. cor. falling in deep gulch co. W.
not suitable place to build a monument. I continue and at
42.50 Set an Oak post 3 x 3 in. 3 ft. long in Md. of rocks as
instructed for witness to 1/4 sec. cor. from which,
An Oak tree 10 in. diam. bears S. 10° W. 1.07 lks. dist.
76.50 Summit of hill and descend.
78.50 Enter valley of San Gabriel river.
80.00 Set a Sycamore post 4x4 in. 3-1/2 feet long in Md. of
rocks as instructed for cor. to Secs. 7-12-13-18
from which,
A Live Oak 16 in. diam. bears S. 32° W. 1.95 chs. dist.
A Red Oak 18 in. diam. bears S. 48-1/2° E. 3.23 chs. dist.
Land rough, 2nd rate, Timber,
Live Oak and Sycamore.
Nov. 25th, 1875.

North, on east boundary of Sec. 12.
Var. 14-1/2° E.

7.00 Cross San Gabriel river 50 lks. wide co. W.
16.50 Leave valley or river bottom and ascend steep mountain side.
32.50 Summit of ridge co. E. and W. and descend.
38.00 Cross short gulch co. S. E. and ascend.
40.00 Set an Oak post 3x3 in. 3 feet long in Md. of rocks as
instructed for 1/4 sec. cor. on ridge facing E.
48.50 Cross ravine near head course S.E. and ascend.
60.00 Not being able to run further N. or E. in this direction
I set,
A Oak post 3 x 3 in. 3-1/2 feet long in Md. of rocks as
instructed for 1/8 sec. cor. and return S. to 1/4 sec.
bet. Secs. 12 & 7 bet. ranges 9 & 10 and run an offset line
thru T. 1 N. R. 9 W. East thru Sec. 7 on 1/4 Sec.
Var. 14-1/4° E.
20.00 Enter canada of San Gabriel co. S. W.
29.50 Leave valley in canada and ascend.
40.00 The point for 1/4 sec. cor. center of Sec. 7 falling on
steep hill side not suitable place to build a monument I set
A Sycamore post 4 x 4 in. 3 feet long in Md. of rocks as
instructed 6.64 chs. N. for witness to 1/4 sec. center
of Sec. 7 from which,
A Sycamore tree 12 in. diam. bears S. 48-1/4° W. 88 lks. dist.
Thence
North, thru center of Sec. 7 on 1/4 sec. line.
Var. 14-1/4° E.
6.64 Witness post leave mountain 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 in. 3 feet long in Md. of rocks on
steep side hill facing S. as instructed for 1/4 sec. cor.
between Secs. 6 and 7.
Mountainous land, timber Live Oak,
Sycamore and Cottonwood.

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

East, between Secs. 6 and 7 from 1/4 sec. cor.
Var. 14-1/4° E.

6.50 Enter valley of San Gabriel river co. S. W.
12.34 To right bank of San Gabriel river.
13.50 Over same co. S. W.
25.50 Leave valley of San Gabriel and ascend.
40.00 Set Sycamore post 4 x 4 in. 3 feet long in Md. of rocks
on steep hill side facing W. as instructed for cor. to
Sec. 5-6-7-8.

Land 2nd, 3rd 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 in. 3 feet
long in Md. of rocks as instructed for 1/8 sec. cor.
from which

A Sycamore 12 in. diam. bears N. 3-3/4° E. 1.45 chs. dist.
North through E. 1/2 of sec. cor. 1/8 line.
Var. 14-1/4° E.

5.50 Leave valley and ascend point of hill.
21.50 Leave hill and enter valley co. E. and W.
31.00 Leave valley and ascend.
40.00 Set an Oak post 3 x 3 in. 3-1/2 feet long in Md. of rocks
on side hill facing N.E. as instructed for 1/8 sec. cor.
Thence,
East on 1/4 sec. cor. in Sec. 6.

Var. 14-1/4° E.
14.00 Leave hill and enter river bottom co. N.W. and S.E.
20.00 Set Sycamore post 3 x 3 in. 3 feet long in Md. of rocks on
right bank of San Gabriel river as instructed for 1/4 sec.
cor. between Secs. 5 and 6 from which,
A Sycamore tree 24 in. diam. bears S. 85° W. 2.13 chs. dist.
A Live Oak tree 24 in. diam. bears N. 15-1/2° W. 2.13 chs.
distant.

Land rough timber Oak, Sycamore and Cottonwood.

North, between Secs. 5 and 6 from 1/4 sec. cor.
Var. 14-1/4° E.

13.00 Cross San Gabriel river 50 lks. wide co. S. E.
15.00 Leave valley and ascend.
40.00 Set an Oak post 4 x 4 in. 3-1/2 feet long in Md. of rocks as
instructed for cor. to Secs. 5-6-31-32 on the N. boundary
of Tp.

Land rough, timber scattering, Sycamore and Cottonwood.
In order to establish the cor. to Tp. 1 and 2 N. R.
9 and 10 W. I run, _____

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

West on N. boundary of Sec. 6.

25.00
35.50
37.00

Var.
Enter valley of San Gabriel river Co. N. and S. E.
San Gabriel river 50 lks. wide co. S. E.
To the foot of a 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 in. 3 feet long in Md. of rocks as
instructed for witness to 1/4 sec. cor. from which an Alder
tree 6 in. diam. bears S. 84° E. 39 lks. dist.
An Alder tree 6 in. diam. bears N. 46° E. 27 lks. dist.
Land rough 2nd rate, Timber, Oak, Sycamore,
Alder and Cottonwood scattering.
Nov. 26th, 1875.

Field notes of the subdivision of Tp. No. 1 N. of R. No. 10 W.
of San Bernardino base and meridian by Wm. Norway, Dep.
Surveyer under contract dated July 31st, 1875 with Jas. T.
Stratton U. S. Surveyer Gen'l for Cal.

From the cor. to Secs. 35-36-1-2 on the south boundary of
Tp. on the base line the same being in the E. boundary of
the Rancho Azusa I run north, between Secs. 35 and 36.
Var. 14-1/4° E.

40.00
62.30
69.00
80.00

Along the E. boundary of the rancho Azusa.
Set a walnut post 3 x 3 in. 3 feet long in Md. of earth and
pits as instructed for 1/4 sec. cor.
Cross a pole fence co. N. 70° E.
Casey's house about 30 lks. E. of line.
Set walnut post 4 x 4 in. 3 feet long in an old Md. of
rocks as instructed for cor. to Secs. 25-26-35-36.
Land level 1st rate.

East on random line between Secs. 25 and 36

5.50
12.50
16.00
20.50
40.00
41.50
79.00
79.96

Var. 14-1/4° E.
A house 1.75 links N. of line.
A house 80 lks. N. of line.
Cross a road co. N.E. and S.W.
A house 30 lks. S. of line.
Set a post for temp. 1/4 sec. cor.
A house about 7.00 S. of line.
To W. bank of Canada co. S.
Int. the E. boundary of Tp. at the point for cor. to
Secs. 25 and 36 from this cor. I run,
West, on true line between Secs. 25 and 36.

39.98
79.96

Var. 14-1/4° E.
Set a redwood post 3 x 3 in. 3 feet long in a Md. of rock
and pits as instructed for 1/4 sec. cor.
The cor. to Sec. 25-26-35-36.
Land level, 1st rate soil.

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

North, between Secs. 25 and 26.
East boundary Azusa Rancho.

25.00 Foot of hill co. E. and W. and ascend.
36.50 Summit of hill co. E. and W. and descend.
40.00 Set an Oak post 3 x 3 in. & 3 feet long in Md. of rocks as
instructed for 1/4 sec. cor. at the foot of hill, thence
enter small valley.
60.00 To corner N.E. cor. of the Rancho, a stake in rock mound.
I do not find any Cedar to correspond with the description
furnished me.
63.20 Foot of high mountain and ascend.
78.00 Summit of ridge co. S.W. and N.E. and descend.
80.00 Set an Oak post 3 x 3 in. and 3 feet long in rock Md. as
instructed on steep side hill facing west for cor. to
Secs. 23-24-25-26.
Land mostly level 1st rate.

East, on random line between Secs. 24 and 25.

40.00 Along feet of hills.
51.50 Set a post for temp. 1/4 sec. cor.
52.25 Cross a dry gulch 50 lks. wide co. S.W. at junction with
another gulch coming from N.W.
80.10 A house 50 lks. N. of line.
Int. the E. boundary of Tp. 10 lks. S. of cor. to Secs. 24
and 25 from this cor. I run,
S. 89°56' W. on true line between Secs. 24 and 25.
40.05 Set an Oak post 3 x 3 in. 3 feet long in Md. of rock, on side
hill facing E. as instructed for 1/4 sec. cor.
80.10 The cor. to Secs. 23-24-25-26.
Land mostly 1st rate W. 1/2 broken
2nd rate.

North, between Secs. 23 and 24.

40.00 Ascending abrupt Mts.
Set a redwood post, 3 x 3 in. 3 feet long in Md. of rocks
as instructed for 1/4 sec. cor. on side hill facing S.
50.00 Summit of Spur course S.W. and E.
60.00 Enter valley of San Gabriel.
61.50 San Gabriel River 50 lks. wide co. N.W.
72.50 San Gabriel River 50 lks. wide co. S.E.
76.00 Enter field co. N.W. and S.E.
80.00 Set Sycamore post 4x4 in. 3 feet long in large Md. of rocks
as instructed for cor. to Secs. 13-14-23-24, in center of
small field a house bears
S. 64° E. about 7 chs. dist.
Land rough with scattering timber
2nd and 3rd rate soil.
Nov. 27th, 1875.

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

East, on random line between Secs. 13 and 24.

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

- 5.00 Leave valley of San Gabriel and ascend along N. slope of Mts.
40.00 Set a post for temp. $1/4$ sec. cor.
80.22 Int. E. boundary of Tp. 14 lks. N. of cor. to Secs. 13 & 24
from this cor. I run,
N. $89^{\circ}54'$ W. on true line between Secs. 13 and 24.
Var. $14-1/4^{\circ}$ E.
40.11 Set an Oak post 3 x 3 in. 3 feet long in Md. of rocks as
instructed for $1/4$ sec. cor. on side hill sloping N. W.
80.22 The cor. to Secs. 13-14-23-24.
Land rough, mts. scattering timber.
-

North, between Secs. 13 and 14.

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

- 5.50 Leave river bottom and ascend.
15.50 Summit of Spur co. N.W. and S.E. and descend.
24.00 Enter river bottom co. S.E. and S.W.
27.00 Cross river 40 lks. wide co. S.W. and ascend steep Mts.
40.00 Set redwood post 3 x 3 in. 3 feet long in Md. of rocks as
instructed for $1/4$ sec. cor.
73.50 Cross dry gulch near head 20 lks. wide co. S.E.
80.00 Set Oak post 4 x 4 in. $3-1/2$ feet long in Md. of earth and
pits as instructed for cor. to Secs. 11-12-13-14.
Land very rough along line,
Scattering Oak, Sycamore and Cottonwood along river and in
canadas.
-

East on random line between Secs. 12 and 13.

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

- 40.00 Descend over gravel hills.
51.00 The point for $1/4$ sec. cor. in steep gulch co. S.W.
54.25 Foot of Mts. enter San Gabriel canon co. S.W. and N.E.
71.50 Cross San Gabriel river 50 lks. wide co. S.W. and ascend
foot of hill.
76.00 Summit of Spur and descend.
80.00 Enter canada San Gabriel co. N.W. and S.E.
Int. the E. boundary of Tp. 21 lks. N. of cor. to Secs.
12 and 13 from this cor. I run,
N. $89^{\circ}51'$ W. on true line between Secs. 12 and 13
Var. $14-1/4^{\circ}$ E.
28.90 Set Alder post 3 x 3 in. 3 feet long in Md. of rocks on W.
side of valley as instructed for witness to $1/4$ sec. cor.
as the true cor. will fall in deep gulch not suitable place
to build a monument from which
A live Oak 16 in. diam. bears N. 25° E. 36 lks. dist.
A live Oak 8 in. diam. bears S. $42-1/2^{\circ}$ W. 36 lks. dist.
The Winson Quartz mill is about 10 chs. S.W. on W. side
of river.

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

40.00 True point for 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 Secs. 13 of which the chief one is the
Winsen mine.

North, between Secs. 11 and 12.

Var. 14-1/4° E.

Ascend.

40.00 Set Oak post 3 x 3 in. 3 feet long in Md. of earth and pits,
as inst. for 1/4 sec. cor.

60.00 The ground being too rough to run further in this direction
I set a granite rock 10 x 16 x 24 in. in Md. of rocks as
instructed for 1/8 sec. cor. on side hill facing S.
East, on 1/8 sec. line through N. 1/2 of sec. 12

Var. 14-1/4° E.

Along on south slope of high Mts.

31.50 Cross near head of gulch co. S.

40.00 Set Oak post 3 x 3 in. 3 feet long in Md. of rocks on S.W.
slope of gravel hill as instructed for 1/8 sec. cor. and run,
North, on 1/4 sec. line.

Var. 14-1/4° E.

20.00 Set Fir post 3 x 3 in. 3 feet long in Md. of rocks as inst.
for 1/4 sec. cor. between Secs. 1 and 12.

Land over high rolling hills,
soil gravelly 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.

Nov. 29th, 1875.

From the cor. to Secs. 23-24-25-26, I run
West, on true line between Secs. 23 and 26.

Var. 14-1/4° E.

16.50 Cross gulch co. S.

40.00 Set Oak post 3 x 3 in. 3 feet long in Md. of rocks on
summit of ridge Co. N.E. and S.W. as inst. for 1/4 sec.
cor. thence descend.

46.00 Cross ravine 50 lks. wide co. S.W.

50.00 Summit of spur, co. N. and S. and descend.

52.00 Cross ravine co. S. a spring about 5 chs. N.

67.00 To dry ravine.

68.00 Over same co. S.W.

74.25 Descend steep bluff into valley of San Gabriel co. N. and S.

Set Alder post 4 x 4 in. 3-1/2 feet long in Md. of rocks as
instructed for cor. to Secs. 22-23-26-27.

Land along foot hills 1st and 2nd
rate.

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

North, between Secs. 22 and 23.

- 19.00 To edge of high rocky point too rough to measure.
West 5.00 chs. to valley thence,
North, 15.00 chs. Henry Roberts house west of line.
31.22 chs. to N. point of hill thence,
East 5.00 chs. to line between Secs. 22-23-10-22.
chs. N. of 1/4 sec. cor. at an
Alder tree 2 feet in diam. I mark for witness to 1/4 sec.
cor. on N.E. edge of Zanja co. S.W. thence continue.
50.50 North, between Secs. 22 and 23.
Counting the dist. from cor. to Secs. 22-23-26-27 cross
wagon road co. S.W. and N.E.
55.30 Cross San Gabriel River 50 lks. wide co. S.W.
62.50 Leave river W. and ascend steep side hill co. E. and W.
77.40 Edge of steep side hill, I set an Alder post 4 x 4 in.
and 3-1/2 feet long in Md. of rocks as instructed for witness
to cor. to Secs. 14-15-22-23 as the true cor. will fall
on steep side hill not a suitable place to build a monument.
80.00 Point for cor. to Secs. 14-15-22-23.
Land along river 2nd and 3rd rate.

East on random line between Secs. 14 and 23.

- 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. 1/4 sec. cor. thence along on S. slope
of rocky hill.
65.00 Summit of Spur co. N.W. and S.E. and descend.
69.50 Enter valley of San Gabriel River.
76.00 Cross San Gabriel River 50 lks. wide co. S. E.
77.50 Enter field co. N.W. and S.E.
80.14 Int. the N. and S. line 16 lks. N. of cor. to Secs. 13-14-23-24
from this cor. I run,
N. 89°53' W. on true line between Secs. 14 and 23.
40.07 Set Cottonwood post 3 x 3 in. and 3 feet long in Md. of
recks on side hill facing S. as inst. for 1/4 sec. cor.
80.14 The true cor. to Secs. 14-15-22-23.
Land rough, W. 1/2 mostly 1st rate soil
E. 1/2 very rough scattering timber.
-

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

North, between Secs. 14 and 15.

Var. 14-1/4° E.

From true cor. on side hill, descend.

7.00 Cross dry gulch 20 lks. wide co. S.E. thence descend.

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

40.00 Set Sycamore post 3 x 3 in. and 3 feet long in Md. of rocks on W. slope of hill as inst. for 1/4 sec. cor.

60.00 Cross gulch 50 lks. wide co. S.W. and ascend.

80.00 Set Oak post 4 x 4 in. 3 feet long in Md. of rocks on side hill sloping W. as inst. for cor. to Secs. 11-10-14-15

Land rough with timber in Canadas, Oak, Sycamore and Cottonwood.

East, on random line between Secs. 11 and 14.

Var. 14-3/4° E.

Summit of ridge co. N.E. and descend.

6.00 Cross gulch 50 lks. wide co. S.W. ascend.

13.50 Set post for temp. 1/4 sec. cor.

40.00 Cross near head of gulch co. S.E. and ascend.

72.50 Int. N. and S. line 26 lks. N. of cor. to Secs. 11-12-13-14 from this cor. I run,

N. 89°50' W. on true line between Secs. 11 and 14.

Var. 14-1/4° E.

39.97 Set redwood post 3 x 3 in. and 3 feet long in Md. of rocks as instructed for 1/4 sec. cor.

79.94 The cor. to Secs. 10-11-14-15.

Land rough with timber in Canada, Oak, Sycamore, and Cotton.

Nov. 30th, 1875.

North, between Secs. 10 and 11.

Var. 14-1/4° E.

Ascend.

40.00 Set Oak post 3 x 3 in. and 3 feet long in Md. of rocks on S. slope of gravel hill as instructed for 1/4 sec. cor. This is as far N. as it is practicable to extend this line as there is no timber. Worthless mountains. I therefore run W. on 1/4 sec. line through sec. 10.

Var. 14-1/4° E.

Descend into Canada with timber.

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

40.00 Set Oak post 3 x 3 in. 3 feet long in Md. of rocks as inst. for 1/4 sec. cor. in center of sec. 10 on side hill facing E. thence,

North on 1/4 sec. line.

Var. 14-1/4° E.

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

21.00 Along on E. slope of hill.
Cross gulch 25 lks. wide co. S.E. thence ascend side hill covered with low brush.
40.00 Set redwood post 3 x 3 in. 3 feet long in Md. of rocks on S. slope of gravel hill as instructed for 1/4 sec. cor. between 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 account of the worthlessness of the country.

As all the cor. on the N. boundary of the Rancho Azusa have disappeared, or cannot be found, I find it necessary to resurvey the Rancho, I begin at the N.E. cor. of said Rancho, being 20.00 chs. S. of cor. to Secs. 23-24-25-26 and run along N. boundary of said Rancho according to the co. and dist. of the final survey of said Rancho.

1st S. 89° W.
Var. 14-1/4° E.
83.50 chs.
At 13.00 chs. a house about 6.00 chs. N. at 23.75 chs. cross a dry wash 100 lks. wide co. S.
At 50.50 cross road co. N.W. and S.E.

60.00 Feet of hills enter valley co. N. and S.
64.30 Chain cross brushfence co. N. and S.
83.50 Finding no trace of the cor. called for in the final survey of the Rancho Azusa. I set an Alder post 3 x 3 feet in Md. of earth and pits as inst. and marked same R. T. No. 15 for station No. 15 of the final survey of the Rancho, thence,

2nd N. 4° W. 40.00 An Oak post in Md. of rocks for cor. No. 14 of this Rancho, thence.

3rd N. 18-1/4° W. 22.50 chs.
10.00 Cross water ditch co. S. W.
22.50 Find no trace of cor. called for in final survey. I set an Alder post 3 x 3 in. and 3 feet long in Md. of rocks as instructed for cor. No. 13 of this Rancho.

4th N. 7-1/4° E. 19.50 chs.
9.25 Enter dry wash of San Gabriel River S.W. and E.
19.50 Find no trace of cor. as called for in the final survey of said Rancho, I set An Alder post 3 x 3 in. and 3 feet long in large Md. of rocks as instructed 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

5th S. 46-1/2° W.
8.00 to S. or left bank of dry bed or wash of San Gabriel River co. S.W. or N.E. 71.90 leave upland and enter dry wash of San Gabriel

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

109.40 River Co. Southerly thence down dry wash of river.
All traces of the monument having disappeared I set an Alder post 3 x 3 in. 3 feet long in large Md. of rock as instructed for cor. No. 11 of this Rancho being cor. No. 9 of this Rancho Azusa Duarte thence along the Rancho Azusa Duarte thence along the Rancho Azusa Duarte.

1st No. 6° E. 57.60 chs.
30.50 chs. Cross ranja 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 in. 3 feet long in large Md. of rocks as inst. for cor. No. of the final survey of the Rancho Azusa Duarte on side hill facing S.E. at foot of large Granite Rock.

2nd S. 58-1/4° W. 46.10 chs. Finding no trace of the monument Granite Rock as called for in the final survey, I set a Redwood scantling post 4 x 4 in. 3-1/2 feet long in large Md. of rocks as instructed marked same A. D. No. 7 from which, A Sycamore tree 2 feet in diam. bears S. 55° W. 1.13 chs. dist. N. Van Tassel house bears N. 22° E. about 3.00 chs. dist. thence,

3rd S. 68-1/2° W. 45.00 chs.
3.25 chs. Cross gulch 100 lks. wide co. S. E. 45.00 chs. finding no trace of the cor. called for in the former survey I set Oak post 4 x 4 3-1/2 feet long in Md. of earth and rocks as inst. for cor. No. 0 of said Rancho, thence,

4th S. 75° W. 11.00 chs. Set a wooden scantling post 4 x 4 in. 3 feet long in Md. of earth and pits as inst. for cor. No. 5 of the said Rancho about 2.00 chs. S. of ft. of Mt. in level plain, thence

5th N. 79-1/2° W. 119.00 chs.
At 14.70 chs. Cross brush fence co. N. and S.
At 27.00 Leave valley and ascend hill co. N. and S.
31.50 chs. summit spur co. N.W. and S.E.
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. 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.

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

N. 79-1/2° W. Counting dist. from Station No. 5
64.60 chs. to head of gulch, thence down
75.00 chs. cross gulch in canada 50 lks. wide co. S.
80.00 chs. cross gulch co. S. thence ascend 88.50
summit of spur co. N. and S. thence over broken
spur.
10.00 chs. enter valley co. N. and S.
A house bears N. 2.00 chs.
112.00 chs. leave valley and ascend.
119.00 chs. to an old Md. of rocks a summit of
ridge facing S.E. I rebuild said
monument set an Oak stake in Md. of rocks
marked same A. D. No. 4, thence
N. 68-1/2° W. 29.92 chs. Int. the W. boundary of Tp. 1 N.
between Ranges 10 and 11 W.
29.50 chs. N. of the cor. to Secs. 19 and 30 at
the post cor. to fractional 19 and 24.

From the cor. to Secs. 22-23-26-27 I run south, between
Secs. 26 and 27.

1.50 Var. 14-1/4° E.
12.00 Leave valley ascend point of hill
21.40 Leave hill and descend.
Int. the N. boundary of the Azusa Rancho 3.49 chs. N. 89° E.
of cor. No. 15 of said Rancho. Set Willow post 3 x 3 in.
3 feet long in Md. of earth and pits as instructed for cor.
to fractional Secs. 26 and 27.
Land rolling mostly 1st rate.
Dec. 1st, 1875.

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

4.99 Var. 14-1/4° E.
Int. the E. boundary of Rancho Azusa 21.49 chs. N. 4° W. of
cor. No. 15 of said Rancho. Set Alder post 4 x 4 in. 3 feet
long in Md. of rock as inst. for cor. to fractional Secs.
22 and 27, thence continuing west between Secs. 22 & 27
thru Rancho Azusa.
8.50 Cross zanja co. S.
40.00 Set Alder post 3 x 3 in. 3 feet long in Md. of rock in
brushy bed of San Gabriel River as inst. for 1/4 sec. cor.
65.00 Enter wash of river co. N. and S.
73.23 Int. W. boundary of rancho Azusa S.E. .09 chs. S. 46-1/2° W.
of cor. No. 12 of said Rancho.
Set Cedar post 4 x 4 wide 3 feet long in large Md. of rock
as inst. for cor. to fractional Secs. 22 and 27.
78.50 San Gabriel River -- No water as it runs in zanja.
79.50 Over river co. S. W.
80.00 Set Oak post in Md. of rock as instructed for cor. to Secs.
21-22-27-28.
Land mostly through dry brushy bottom. Land of
San Gabriel River 2nd and 3rd rate.

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

South, on true line between Secs. 27-28.

3.00
6.43

Var. 14-1/4° E.
Cross San Gabriel River 100 lks. wide co. S. W.
Int. N. W. boundary of Rancho Azusa and set an Alder
post 3 x 3 in. 3 feet long in Md. of rock as instructed
for cor. to fractional Secs. 27-28.
From this cor. I run along the N.W. boundary of said
Rancho S. 46-1/2° 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
West between Secs. 21 and 22.

15.40
31.00
37.00

Var. 14-1/4° E.
Cross ranja co. S. W.
Leave river bottom and ascend.
Foot of rocky ridge as the 1/4 sec. cor. will fall on rocky
ledge not suitable place to build a mound.
I set at this point a post 3 x 3 in. 3 feet long in Md.
of rock on steep side hill facing S. as instructed for
witness to 1/4 sec. cor.
L. M. Rasmussen's house bears N.E. about 7.00 chs. dist.
The true point for 1/4 sec. cor. on rocky ledge co. E. and W.
Summit of ridge and descend co. E. and W.
Set redwood post 4 x 4 in. 3 feet long in Md. of rock as
instructed for cor. to Secs. 15-16-21-22.
Land S. 1/2 level, mostly river bottom N. 1/2
Mts. good bee Rancho.
Soil all 3rd rate.

40.00
59.00
80.00

East, on random line between Secs. 15 and 22.

Var. 14-1/4° E.

7.50
10.00
20.00
40.00
54.50
79.90

Cross gulch with timber S. 10° E. and ascend.
Summit of Spur co. N. and S. and descend.
Cross a ravine 50 lks. wide co. S.E. and descend.
Set post for 1/4 sec. cor.
Summit of Spur co. N.W. and S.E. and descend.
Int. N. and S. line 21 lks. S. of cor. to Secs. 14-15-22-23
from this cor. I run,
S. 89° 51' W. on true line between Secs. 15 and 22.

39.95
79.90

Var. 14-1/4° E.
Set an Oak post 3 x 3 in. and 3 feet long in large Md. of
rock on S.W. slope of Mts. as instructed for 1/4 sec. cor.
The cor. to Secs. 15-16-21-22.
Land rough, Mts. 3rd rate. Timber
in Canadas good Bee Ranches.

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

North, between Secs. 15 and 16.

21.50
40.00
40.00
Var. 14-1/4° E.
Cross gulch 50 lks. wide co. S.E. thence ascend.
Set post 3 x 3 in. 3 feet long in Md. of rocks as instructed
for 1/4 sec. cor. The mountains are too rough and worthless
to run further N. I therefore run E. on 1/4 sec. line
through center of Sec. 15.
Var. 14-1/4° E.
Along on S. slope of ridge.
Set redwood post 3 x 3 in. 3 feet long, Md. of rock as
instructed for 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 subdivision Dec. 2nd, 1875.

From the cor. to Secs. 21-22-27-28.

I run,
West on true line between Secs. 21 and 28.
Var. 14-1/4° E.
8.44
Int. E. boundary of Rancho Azusa Duarte 16.17 chs. N. 6° E.
of cor. No. 9 of said Rancho as reestablished by me I set
An Alder post 4 x 4 in. 3-1/2 feet long in Md. of rock as
instructed for cor. to fractional Secs. 21-28, thence
continued,
West between Secs. 21, 28 through the Rancho Azusa Duarte.
40.00
Set an Alder post 3 x 3 in. 3 feet long in Md. of rock as
instructed for 1/4 sec. cor.
80.00
Post for cor. to Section 20-21-28-29 inside the Rancho
Azusa Duarte.
I do not establish the cor.
Land level mostly brushy, W. of
San Gabriel River. Soil 2nd and 3rd rate.

North, between Secs. 20 and 21.

2.47
40.00
75.00
77.00
80.00
Var. 14-1/4° E.
Int. the E. boundary of Rancho Azusa Duarte 5.65 chs.
N. 68-1/2° E. from cor. No. 6 of said Rancho as reestablished
by me. Set Sycamore post 3 x 3 in. 3 feet long in large Md.
of rock at foot of Mt. as instructed for cor. to fractional
Secs. 20 and 21 thence, leave valley and ascend.
Set Oak post 3 x 3 in. 3 feet long in Md. of rock as inst.
for 1/4 sec. cor.
Summit of ridge co. N.W. and S.E.
Descend. Leave ridge.
Set sand rock 10 x 16 x 24 in. in Md. of rock as instructed
for cor. to Secs. 16-17-21-22.
Land high Mts. 3rd rate soil.
See Rancho.

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

East, on random line between Secs. 16 and 21.

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

11.50
40.00
41.50
80.10

Cross gulch near head co. S. and ascend.

Summit high ridge set post for temp. $1/4$ sec. cor.

Descend.

Int. N. and S. line at post cor. to Secs. 15-16-21-22 from which I run,

West, on true line between Secs. 16 and 21.

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

40.05
80.10

Set an Oak post 3 x 3 in. 3 feet long in Md. of rock as instructed for $1/4$ sec. cor.

The cor. to Secs. 16-17-20-21.

Land high and rough. Mts. 3rd rate.

Soil timber in Canada, Oak and Sycamore. Van Tassels house in S.W. $1/4$ of Sec. 21. This is as far N. as it is practicable to survey on account of the worthlessness of the land.

From the point for cor. to Secs. 20-21-28-29 inside the Rancho Azusa Duarte, I run,

West on true line between Secs. 20 and 29.

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

7.92
27.38

Int. the N. boundary of the Rancho Azusa Duarte 2.77 chs. S. 15° W. of cor. No. 6 of said Rancho as re-established by me. Set a Sycamore post 4 x 4 in. $3-1/2$ feet long in Md. of rock as instructed for cor. to fractional Secs. 20 and 29.

Int. the N. boundary of the Rancho Azusa Duarte 11.70 chs. N. $79-1/2^{\circ}$ W. of cor. No. 3 of said Rancho as re-established by me.

Set an Oak post 4 x 4 in. 3 feet long in Md. of rock as instructed for cor. to fractional Secs. 20 and 29.

40.00

Set an Oak post 3 x 3 in. 3 feet long in Md. of earth and pits as instructed for $1/4$ sec. cor.

53.50

Cross brush fence co. S.

80.00

Set Oak post 4 x 4 in. $3-1/2$ feet long in Md. of earth and pits as instructed for cor. to Secs. 19-20-29-30.

Land level 1st and 2nd rate.

North between Secs. 19-20.

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

9.00

Int. the N. boundary of Rancho Azusa Duarte, the cor. falling on steep side hill facing W. not suitable place to build a monument. I set a Redwood scantling post 4 x 4 in. $3-1/2$ feet long in a Md. of earth and pits which bears S. $79-1/2^{\circ}$ E. 4.00 chs. dist. at head of gulch co. W. as inst. for cor. to fractional Secs. 19-20-from this cor. I run,

N. $79-1/2^{\circ}$ W. 54.15 chs. to cor. No. 4 of said Rancho as established by me thence from cor. to fractional Secs. 19-20 I run,

North, between Secs. 19-20.

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

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

12.50 Counting the dist. from the cor. to Secs. 19-20-29-30.
Cross near head of gulch co. W.
14.30 Summit of Spur co. S. W. and N. E.
17.00 Enter valley co. N. E. and S. W.
22.50 Cross gulch and leave valley co. N.E. and S.W.
26.36 Summit of Spur co. S.W. and N.E.
30.50 Enter gulch S. 15° W. thence up the same.
32.00 Leave gulch thence along W. side.
37.50 Summit of a low spur co. N.E. and S.W.
Ascend.
40.00 Set an Oak post 3 x 3 in. 3 feet long in Md. of rock as
instructed on side hill facing W. for 1/4 sec. cor.
47.00 Cross gulch 20 lks. wide co. S.W. thence ascending high hills
80.00 Set Oak post, 4x4 in. and 3 feet long, in Md. of rock as
instructed for cor. to Secs. 17-18-19-20.
On side hill facing N.W. Land rough along true gravel.
Land in rolling of Canada.
Old Placer Mines in Sec. 19.
Dec. 3rd, 1875.

East, on random line between Secs. 17-20.

Var. 14-1/4° E.

Along on S. slope of Mt.
14.51 Descend.
40.00 Set a post for temp. 1/4 sec. cor.
44.50 Cross gulch 50 lks. wide co. S. thence ascend.
53.00 Summit of Spur co. N. and S. and descend.
62.50 Cross gulch 50 lks. wide co. S. thence ascend.
79.86 Int. the N. and S. line 14 lks. S. of cor. to Secs. 16-17-
20-21 from this cor. I run,
S. 89°54' W. on true line
Set Secs. 17-20
Var. 14-1/4° E. 39.93 chs. the point for 1/4
sec. cor. falling on steep side hill not suitable place to
build a monument I continued at
43.50 Set Oak post 3 x 3 in. and 3 feet long in Md. of rock as
instructed for witness to 1/4 sec. cor.
79.86 The cor. to Secs. 17-18-19-20.
Land over rough high Mt. 3rd rate soil
with timber in Canadas, Oak and Sycamore.

West, on random line between Secs. 18 and 19.

Var. 14-1/4° E.

Along S. slope of Mt.
17.00 Cross gulch 50 lks. wide co. S.W. and ascend.
35.00 Summit of Spur co. N.E. and S.W. thence descend.
40.00 Set post for temp. 1/4 sec. cor.
57.00 Cross gulch 40 lks. wide co. S.
80.70 Int. W. boundary of Tp. 16 lks. S. of cor. to Secs. 18 & 19
from this cor. I run,
S. 89°54' E. on true line between Secs. 18 and 19.
Var. 14-1/4° E.

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

40.70 Set an Oak post 3 x 3 in. 3 feet long in Md. of rock as instructed on side hill facing W. for 1/4 sec. cor. from which
80.70 A rock 10 feet cube bears S. 41-1/2° E. 18.00 chs. dist. The cor. to Secs. 17-18-19-20.
Land high Mts. Soil 3rd rate with some timber in Canadas, Oak, Sycamore. Old Placer Mine in Sec. 19.

North, between Secs. 17-18.

Var. 14-1/4° E.
This line being too rough to measure, I begin at 1/4 sec. cor. between Secs. 17 and 20 and run North, thru Sec. 17 on 1/4 sec. line on E. slope of hill ascending.
40.00 Set Oak post 3 x 3 in. 3 feet long in Md. of rocks as instructed for 1/4 sec. cor. center of Sec. 17 from which, A live Oak tree 12 in. in diam. bears S. 60° E. 28 lks. dist. thence W. on 1/4 sec. line.
33.50 Cross gulch near head co. S.W.
40.00 Set Redwood post 3 x 3 in. 3 feet long in Md. of rock on side hill sloping S.E. as instructed for 1/4 sec. cor. on line between Secs. 17-18 thence continued N. between Secs. 17-18
Var. 14-1/4° E.
Ascending.
25.00 Summit of Spur Co. N.E. and S.W. and descend.
40.00 Set redwood post 4 x 4 in. 3-1/2 feet long in large Md. of rock as instructed for cor. to Secs. 17-18-7-8
Land rough Mts. 3rd rate with mineral indicating Placer.
The line between Secs. 8 and 17 is too rough and worthless to survey. I therefore run west on random line between Secs. 7-18.
Var. 14-1/4° E.
15.00 Along S. slope of ridge.
25.50 Cross gulch 25 lks. wide co. W. thence along N. side.
Cross same gulch 25 lks. wide co. N. W.
Thence along on S. side of gulch
40.00 Set a post for temp. 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. and S.
76.00 Leave field co. N. and S.
80.63 Int. W. boundary of Tp. 26 lks. S. of cor. to Secs. 7 & 18 from this cor. I run, S. 89°49' E. on true line between 7 and 18.
Var. 14-1/4° E.
40.63 Set Oak post 3 x 3 in. 3 feet long Md. of rock as instructed for 1/4 sec. cor.
80.63 The cor. to Secs. 7-8-17-18.
Land very rough with Oak and Sycamore in Canadas. W 1/2 mostly 1st rate.

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

North, between Secs. 7 and 8.

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

Descending.

7.50 Cross gulch 25 lks. wide co. S.W. and ascend.
40.00 Set sand rock 6 x 10 x 20 in. in Md. of rocks for 1/4 sec. cor.
43.00 Summit of ridge co. N.E. and S.W. thence along on ridge.
46.50 Descend.
80.00 Set an Oak post 4 x 4 wide 3-1/2 feet long in Md. of rock
as instructed for cor. to Secs. 5-6-7-8 from which a live
Oak tree 10 in. in diam. bears N. 80° W. 70 lks. distant.
A Fir tree 20 in. in diam. bears S. $72-1/2^{\circ}$ W. 45 lks. dist.
Dec. 4th, 1875.

West, on random line between Secs. 6 and 7.

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

10.00 Cross gulch 20 lks. wide co. S.W.
22.50 Summit of Spur co. N. and S.
33.00 Cross gulch 75 lks. wide co. S.
40.00 Temp. post for 1/4 sec. cor. on steep side hill facing E.
45.00 Top of ridge co. N. and S.
62.75 Cross gulch 25 lks. wide co. S.E. and ascend.
80.30 Int. W. boundary of Tp. 14 lks. S. of cor. to Secs. 6 and 7
from this cor. I run,
S. $89^{\circ}54'$ E. on true line between Secs. 6 and 7.
Var. $14-1/4^{\circ}$ E.
34.70 Summit of high ridge at the 1/4 sec. cor. will fall on steep
side hill, not a suitable place to build a monument I set
A Redwood post 3 x 3 in. 3 feet long in Md. of rock as
instructed for witness to 1/4 sec. cor.
40.30 The true point for 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 between Secs. 5 and 6.

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

Descending.

6.50 Cross gulch 25 lks. wide co. S. W. thence ascending.
22.50 Summit of Spur co. N. and S.
40.00 Set post for temp. 1/4 sec. cor.
44.50 Enter gulch co. S.W. thence up same 50 lks. wide.
46.75 Leave gulch and ascend.
80.23 Int. N. boundary of Tp. 19 lks. E. of cor. to Secs. 5 and 6
from this cor. I run,
S. $08'$ E. on true line between Secs. 5 and 6.
Var. $14-1/4^{\circ}$ E.
40.23 Set Oak post 3 x 3 in. 3 feet long in Md. of rock on steep
side hill facing N. as instructed for 1/4 sec. cor. from which
A Fir tree 20 in. in diam. bears N. 16° W. 140 chs. dist.
80.23 The cor. to Secs. 5-6-7-8. Land rough, high Mts. with
scattering Fir and Oak timber.

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

- East, on true line between Secs. 5 and 8.
Var. $14-1/4^{\circ}$ E.
- 40.00 Along on N. slope of high ridge.
Set Oak post 3 x 3 in. 3 feet long in Md. of rock as instructed for $1/4$ sec. cor. from which
62.50 A Fir tree 24 in. in diam. bears S. 41° E. 83 lks. dist.
80.00 Summit of ridge co. N.E. and S.W. thence descend.
Set sand rock 10 x 16 x 24 in. in Md. of rock as instructed for cor. to Secs. 4-5-8-9 on steep side hill facing S. E.
Land rough with scattering Fir and Oak. The land N. and E. of this point is too rough and worthless to extend the survey further in this direction.
I therefore run,
South between Secs. 8 and 9,
Var. $14-1/4^{\circ}$ E.
- 40.00 Descending side hill with scattering fir and oak.
Set sand rock 10 x 16 x 20 in. in Md. of rock at the head of gulch as instructed for $1/4$ 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 $1/4$ sec. line through center of Sec. 8.
Var. $14-1/4^{\circ}$ E.
- 40.00 Along on S. slope of Mt.
Set redwood post 3 x 3 in. 3 feet long in Md. of rock as instructed for $1/4$ sec. cor.
Center of Sec. 8 about 18 chs. E. and 20 chs. N. of gulch from which,
A large rock bears N. $40-1/2^{\circ}$ W. 70 lks. dist.
A live Oak tree 2 feet in diam. bears N. $24-1/2^{\circ}$ E. 18 lks. dist.
Land along S. slope of Mt. scattering timber Oak and Fir very rough.
This comprises all the available land in this Tp.
Dec. 6th, 1875.

General Description.

There is a very small portion of agricultural land in this Township. Several small Bee Ranches situate along the foot hills. The Canadas or gulches have timber only valuable for fuel.

The mountains are very rough with some low brush along the San Gabriel River are several mining claims, none of them being worked but the Winson Mine in Sec. 13, Placer Mine has been extensively worked in Sec. 19 but now all are abandoned. The W. $1/2$ of Sec. 19 I would consider more valuable for mineral than agricultural purpose. The N. $1/2$ of Sec. 24 all of Sec. 13.
The S. $1/2$ of Sec. 12
The S. $1/2$ of Sec. 14 also
should be reserved as mineral also
N. $1/2$ of N. E. $1/4$ of Sec. 23.
