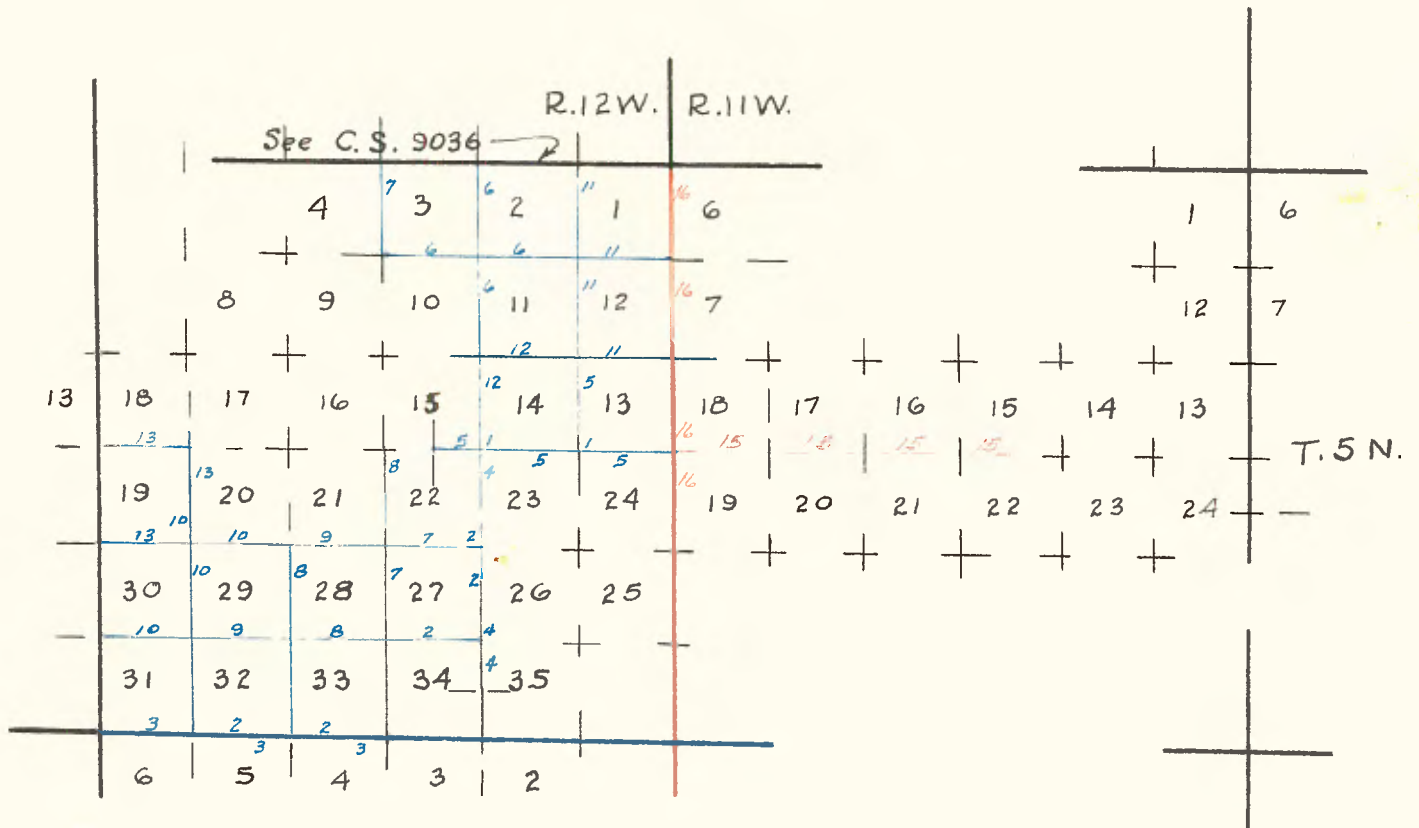


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H. Hancock - 1851

T. 3 N. R. 6 W.

Frank Lecouveau,

Subscribed and sworn to by the above named persons  
before me this 4th day of June A.D. 1856.

(Signed)

Alex Gibson,  
Justice of the Peace in &  
For the City & County of  
Los Angeles, Cal.

I, Henry Hancock, deputy Surveyor, do solemnly swear  
that in pursuance of a contract with John C. Hays,  
Surveyor of the public lands of the United States in  
the State of California, bearing date the 15th February  
1855, and in strict conformity to the laws of the  
United States, and the instructions furnished by the  
said Surveyor General, I have faithfully surveyed and  
subdivided into sections, fractional township 3 North  
of the base line of Range 6 West of the San Bernardino  
Meridian in the State aforesaid, and do further solemnly  
swear that the foregoing are the true and original field  
notes of such surveys.

(Signed)

Henry Hancock.  
Dep. Surveyor.

State of California }  
County of San Francisco } S.S.

Subscribed by said Henry Hancock, Dep. Surveyor,  
and sworn to before me this 26 day of June, 1856.

(Signed)

Gilbert A. Grant.  
Notary Public.

L.S.

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T. 5 N. R. 12 W. of San Bernardino Mer.

Field Notes of the subdivision of Fract. Township  
5 N. Range 12 West commenced April 28th, 1856.

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From the cor. to Secs. 13 & 24 on the East boundary  
of the Township, I run to throw the fractions on  
the Northwest.

West on a random line bet. Secs. 13 & 24.

Var. 14° 05' E.

40.00  
80.00

Set a post for a temp. qr. sec. cor.

Set a post for a temp. cor. to Secs. 13, 14, 23 & 24,  
from which cor. I run--

West on a random line bet. Secs. 14 & 23.

Var. 14° 05' E.

T. 5 N., R. 12 W. of San Bernardino Mer.

5.00 Enter La Solidad Pass, course S.W.  
40.00 Set a post for a temp. qr. sec. cor.  
45.00 Across ravine 2 chs. wide & Trail, course N.E.  
59.00 To base of mountain spur from the West.  
75.00 To a point on E. slope of same spur.  
80.00 Set post for a temp. corner Secs. 14, 15, 22 & 23, from which corner I run--

South on a random line bet. Secs. 22 & 23.  
Var. 14° 08' E.

40.00 Set a post for a temp. qr. sec. cor.  
43.00 Into La Solidad Pass, Course S.W.  
50.00 Across trail, course N.E.  
75.00 To base of the mountain on the E.  
80.00 Set a post for a temp. cor. to Secs. 22, 23, 26 & 27, from which corner I run--

South on a random line bet. Secs. 26 & 27  
Var. 14° 08' E.

40.00 Set a post for a temp. qr. sec. cor.  
55.00 Into La Solidad Pass, course S.W.  
80.00 Set a post for a temp. cor. to Secs. 26, 27, 34 & 35, from which corner I run--

West on a random line bet. Secs. 27 & 34.  
Var. 14° 08' E.

26.00 To mouth of a canada 1 ch. wide from the S.E. Same 20 chs. long.  
40.00 Set a post for temp. qr. sec. cor.  
58.00 Across La Solidad Pass and to East base of an Isolated Hill on the south of some 2- chs. base.  
76.50 To top of N. slope of same.  
80.00 Set a post for temp. cor. to Secs. 27 & 28, 33 & 34, from which corner I run

South on a random line bet. Secs. 33 & 34.  
Var. 14° 08' E.

3.00 To La Solidad Pass, course S.W.  
30.00 Across same.  
40.00 Set a post for a temp. qr. sec. cor.  
80.00 Set a post for a temp. cor. to Secs. 33 & 34, 3 & 4, from which corner I run--

West on the south boundary of Sec. 33, on a random line.  
Var. 14° 08' E.

35.00 To base of the North point of a spur of the mountain on the south.  
40.00 Set a post for a temp. qr. sec. cor.  
55.00 Across a dry arroyo 250 lks. wide, course S.W.  
68.00 To base of steep bank, course N.W.  
80.00 Set a post for temp. cor. to Secs. 32 & 33, 4 & 5, on bank from which corner I run--

West on a random line on the South boundary of Sec. 32.  
Var. 14° 08' E.

T. 5 N., R. 12 W. of San Bernardino Mer.

5.00 To summit of a high peak.  
25.00 To base of same and enter Canada course W.  
40.00 Set a post for temp. qr. sec. cor. in dry arroyo.  
55.00 Cross dry arroyo 150 chs. wide, crs. N.W.  
65.00 To base of spur from hill on the South.  
80.00 Set a post for temp. cor. to Secs. 31 & 32, 6 & 5, from  
which cor. I run--

West on a random line on the South boundary of Sec. 31.  
Var. 14°08' E.

6.00 To W. base of spur & enter dry arroyo, course S.  
15.00 Leave same, course S.W.  
40.00 Set a post for a temp. qr. sec. cor.  
81.25 Intersect the West boundary of the Township 20.42 chs.  
North of the corner of Tps. 4 & 5 N., Rs. 12 & 13 West  
of the San Bernardino Meridian, from which corner I run--

East on the true South boundary of Sec. 31.  
Var. 14°08' E.

41.25 Set a post for a qr. sec. cor. drive a charred stake  
and make mound with trench pits as per instructions.  
81.25 Set a post for cor. to Secs. 31, 32, 5 & 6, drive a  
charred stake and make a mound with trench & pits as  
per instructions.

Land gently undulating. Soil 2nd rate.

---

East on the true South boundary of Sec. 32.  
Var. 14° 08' E.

40.00 Set a post for qr. sec. cor. drive a charred stake &  
make a mound with trench & pits as per instructions.  
80.00 Set a post for cor. to Secs. 32, 33, 4 & 5, drive a  
charred stake and make a mound with trench & pits as  
per instructions on the N.W. slope of a high ridge,  
course S.E., ascent 350 feet.

Land mountainous, soil 3rd rate.

---

East on the true South boundary of Sec. 33.  
Var. 14° 08' E.

40.00 Set a post for a qr. sec. cor. & drive a charred stake  
& make an earth mound for a witness cor. 7 chs. N. of  
the true qr. sec. cor. the same falling on the steep  
face of the mountain, where it is impracticable to  
build a corner.  
80.00 Set a rock 3 ft. long 2 ft. wide & 18 inches thick for  
cor. to Secs. 33, 34, 3 & 4, on the north face of the  
mountain.

Land mountainous. Soil 3rd. rate.

T. 5 N., R. 12 W. of San Bernardino Mer.

---

North on a true line bet. Secs. 33 & 34.  
Var. 14°05' E.

40.00 Set a post for qr. sec. cor. drive a charred stake &  
make a mound with trench & pits as per instructions.  
80.00 Set a post for cor. to Secs. 27, 28, 33 & 34, drive a  
charred stake, make a mound with trench & pits as per  
instructions.

Land broken. Soil 3rd rate.

---

East on a true line bet. Secs. 27 & 34.  
Var. 14°05' E.

40.00 Set a post for a qr. sec. cor. drive a charred stake &  
make a mound with trench & pits as per instructions.  
80.00 Set a post for cor. to Secs. 26, 27, 34 & 35, drive a  
charred stake & make a mound with trench & pits as per  
instructions.

Land gently undulating. Soil 2nd rate.

---

From cor. to Secs. 26, 27, 34 & 35.  
South between Secs. 34 & 35.  
Var. 14°05' E.

12.50 To base of spur from the East.  
15.50 To top of W. slope of same.  
40.00 Drive a post for a qr. sec. cor. & charred stake in  
the center of a clump of Cedars beyond which it is  
impracticable to measure further south.

---

From cor. to Secs. 26, 27, 34 & 35.

North between Secs. 26 & 27.  
Var. 14°05' E.

40.00 Set a post for a qr. sec. cor. drive a charred stake  
& make a mound with trench & pits.

80.00 Set a post for cor. Secs. 22, 23, 26 & 27, drive a charred  
stake & make a mound with trench & pits as per instructions.

Land undulating. Soil 2nd rate.

---

North between Secs. 22 & 23.  
Var. 14°05' E.

40.00 Set a post for a qr. sec. cor. drive a chd. stake and make  
a mound with trench & pits as per instructions.

T. 5 N., R. 12 W. of San Bernardino Mer.

80.00 Set a post for cor. to Secs. 14, 15, 22 & 23, drive a charred stake and make a mound with trench & pits as per instructions.

Land, undulating. Soil 2nd rate.

---

From cor. to Secs. 14, 15, 22 & 23,

I run--

West between Secs. 15 & 22.

Var. 14°08' E.

33.00

40.00

To top of ridge from the N.W. 300 ft. high.  
Set a post for a qr. sec. cor. on the S.W. face of ridge, drive a charred stake in mound with trench & pits as per instructions, beyond which it is impracticable to measure further, on account of the mountain.

---

From cor. to Secs. 14, 15, 22 & 23, I run--

East on a true line bet. Secs. 14 & 23,

Var. 14°08' E.

40.00 Set a post for a qr. sec. cor., drive a charred stake & make a mound with trench & pits as per instructions.

80.00 Set a post for cor. to Secs. 13, 14, 23 & 24, drive a charred stake & make a mound with trench & pits as per instructions.

Land undulating. Soil 2nd rate.

---

East on a true line between Secs. 13 & 24.

Var. 14°08' E.

40.00 Set a post for a qr. sec. cor., drive a charred stake and mark a mound with pits and trench as per instructions.

80.00 Intersect the East boundary of the Tp. 20.42 chs. South of Cor. to Secs. 13 & 24 and set a post and charred stake in an irregular mound of rocks for cor. to Secs. 13 & 24.

Land consisting of North face of the mountain.  
Soil 3rd rate.

---

From the cor. to Secs. 13, 14, 23 & 24, - run--  
North between Secs. 13 & 14.

Var. 14°08' E.

40.00

55.00

Set a post for a qr. sec. cor. drive a chd. stake & made a mound with trench & pits as per instructions.  
Enter a post for cor. to Secs. 11, 12, 13 & 14. Drove a charred stake & made a mound with trench & pits as per instructions.  
Land rolling. Timber scattering, Cedar.  
Soil 2nd rate.

T. 5 N., R. 12 W. of San Bernardino Mer.

North between Secs. 10 & 11.

Var. 14°08' E.

15.00 To bank of gulley, course N.E.  
30.00 Enter gulley 1 ch. wide with a spring of water.  
course N.E.  
36.00 To top of S.E. slope of ridge.  
40.00 Set a post for a qr. sec. cor. drove a charred stake &  
made a mound with trench & pits as per instructions.  
50.00 Set a post for cor. to Secs. 2, 3, 10 & 11, on north base  
of mountain, drove a charred stake & made a mound with  
trench & pits as per instructions.

Land mountainous.

---

East on a random line bet. Secs. 2 & 11.

Var. 14°08' E.

40.00 Set a post for temp. qr. sec. cor.  
49.00 Across La Solidad Pass crs. N.W.  
79.55 Intersect the N. & S. line 141 lks. S. of Cor. to  
Secs. 1, 2, 11 & 12, from which corner I run--  
West on a true line bet. Secs. 2 & 11.  
Var. 15°08' E.

39.77½ Set a post for a qr. sec. cor. drove a charred stake &  
made a mound with a trench & pits as per instructions.  
79.55 The cor. to Secs. 2, 3, 10 & 11.

First half wide rolling land.  
Last 1/2 nearly level. Soil 2nd rate.  
Timber scattering Cedar.

---

North between Secs. 2 & 3.

Var. 14° 08 ' E.

40.00 Set a post for qr. sec. cor. drove a charred stake &  
made a mound with trench & pits as per instructions.  
75.00 To base of hills.  
100.00 Enter Valley.  
106.50 Intersect the first Standard North 16.45 chs. West  
of 67th Mile S.C.  
Set a post for C.C. to Secs. 2 & 3 at the point of  
intersection, drove a charred stake and made a mound  
with trench & pits as per instructions.

Lands gently undulating. Soil 2nd rate.  
Timber scattering Cedar.

---

From Cor. to Secs. 2, 3, 10 & 11--I run  
West on a true line bet. Secs. 3 & 10.

Var. 14° 08' E.

10.00 To north base of a mountain.  
40.00 Set a post for qr. sec. cor. drove a charred stake &  
made a mound with trench & pits as per instructions.

T. 5 N. R. 12 W. of San Bernardino Mer.

46.00 To top of North slope of spur, ascent 300 feet.  
 50.00 Set a post for cor. to Secs. 3, 4, 9 & 10, drove charred stake & made a mound with trench & pits as per instructions, from which a Cedar 6 in. dia. bears S. 39° E. dist. 43 lks.  
 This mile falls principally on the North face of the mountain.

Soil 2nd rate but rocky.

---

North between Secs. 3 & 4.

Var. 14°08' E.

30.00 To north of base of the mountain.  
 40.00 Set a post for qr. sec. cor. drove a chd. stake and made a mound with trench & pits as per instructions.  
 106.07 Intersect the First Standard North 13.65 chs. West of the 65th Mile S.C. and C.C. post for Secs. 3 & 4 at the point of intersection, drove a chd. stake and made a mound with trench & pits as per instructions.

Land level. Soil 3rd rate.

---

From cor. to Secs. 27, 28, 33 & 34.  
 I run--

North between Secs. 27 & 28.

Var. 14°08' E.

17.00 Across Canada, course S.W.  
 32.00 Into Canada of La Solidad Pass, course S.W.  
 40.00 Set a post for qr. sec. cor. drove charred stake and made a mound with trench & pits as per instructions.  
 44.00 To top of spur 3 chs. wide, course S.W., ascent 30 ft.  
 54.00 To base of mountain.  
 50.00 Set a post for cor. to Secs. 21, 22, 27 & 28, drove a charred stake & made a mound with trench & pits as per instructions.

Land broken. Soil 2nd rate.

---

East on a random line bet. Secs. 22 & 27.

Var. 14°08' E.

25.00 Enter Canada of La Solidad.  
 40.00 Set a post for temp. qr. sec. cor.  
 79.50 Intersect the N. & S. line 68 lks. North of cor. to Secs. 22, 23, 26 & 27, from which cor. I run--

West on a true line bet. Secs. 22 & 27.

Var. 13°38' E.

39.75 Set a post for qr. sec. cor. drove a charred stake & made a mound with trench & pits as per instructions.  
 79.50 The cor. to Secs. 21, 22, 27 & 28.  
 Land mostly level. Soil 3rd rate.



T. 5 N., R. 12 W. of San Bernardino Mer.

North between Secs. 21 & 22.

Var. 14°05' E.

5.00  
26.00  
36.00

Enter flat ravine, course E.

Across same.

To a point beyond which it is impracticable to measure further.

Set a post for a witness qr. sec. cor. 4 chs. South of true cor. Drove a charred stake & made a mound with trench & pits as per instructions on the S.E. face of the mountain.

From the cor. to Secs. 32 & 33, 4 & 5, I run--

North between Secs. 32 & 33.

Var. 14°05' E.

18.00  
33.00  
40.00  
48.00  
76.00  
80.00

To top of ridge 200 ft. high, course East.

To north base of same.

Set a post for a qr. sec. cor. drove a charred stake & made a mound with trench & pits as per instructions.

Enter La Solidar Pass.

Across same, course S.W.

Set a post for cor. to Sec. 28, 29, 32 & 33. Drove a charred stake & made a mound with a trench & pits as per instructions.

First half mile broken land.

Last half mostly level. Soil 2nd rate.

---

East on a random line bet. Secs. 28 & 33.

Var. 14°05' E.

30.00  
40.00  
80.16

Enter main Canada of La Solidar Pass, course South.

Set a post for a temp. qr. sec. cor.

Intersect the N. & S. line 220 lks. North of cor. to Secs. 27, 28, 33 & 34, from which corner I run--

West on a true line bet. Secs. 28 & 33.

Var. 12°34' E.

(Owing mostly to local attraction.)

40.08  
80.16

Set a post for a qr. sec. cor. Drove a charred stake & made a mound with trench & pits as per instructions.

The cor. to Secs. 28, 29, 32 & 33.

Land rolling. Soil 3rd rate.

Timber scattering Cedar.

---

North between Secs. 28 & 29.

Var. 14°05' E.

25.00  
40.00

To base of mountain.

Set a post for a qr. sec. cor. drove a charred stake and made a mound with trench & pits as per instructions.

T. 5 N., R. 12 W., of San Bernardino Mer.

50.00 To top of spur, 300 ft. high, course S.  
 80.00 Set a post for cor. to Secs. 20, 21, 28 & 29, drove charred stake & made a mound with trench & pits as per instructions.

Broken land. Soil 2nd rate.

---

East on a random line bet. Secs. 21 & 28.  
 Var. 14°08' E.

27.50 Enter Canada, course S.W.  
 40.00 Set a post for temp. qr. sec. cor. on the East side of a Canada.  
 81.00 Intersect the N. & S. line 194 lks. N. of the cor. to Secs. 21, 22, 27 & 28. From which corner I run--

West on a true line bet. Secs. 21 & 28.  
 Var. 12°45' E.

40.50 Set a post for a qr. sec. cor. drove a charred stake and made a mound with trench & pits as per instructions  
 81.00 To cor. to Secs. 20, 21, 28 & 29.

Land broken. Soil 3rd rate.  
 Timber scattering Cedar.

---

North between Secs. 31 & 32.  
 Var. 14°08' E.

24.00 Enter a dry arroyo, course W.  
 26.50 Leave same.  
 40.00 Set a post for qr. sec. cor. drove a chd. stake & made a mound with trench & pits  
 80.00 Set a post for cor. to Secs. 29, 30, 31 & 32, drove a charred stake & made a mound with trench & pits as per instructions.

Land gently undulating.  
 Soil 3rd rate.

---

East on a random line bet. Secs. 29 & 32.  
 Var. 14°08' E.

4.00 Enter Canada, course S.  
 12.00 Across same.  
 40.00 Set a post for temp. qr. sec. cor.  
 80.49 Intersect the N. & S. line 120 lks. N. of cor. to Secs. 28, 29, 32 & 33. From which cor. I run--

West on a true line between Secs. 29 & 32.  
 Var. 13°17' E.

40.24½ Set a post for qr. sec. cor. drove a charred stake & made a mound with trench & pits as per instructions.  
 80.49 The cor. to Secs. 29, 30, 31 & 32.

Land undulating. Soil 3rd rate.  
 May 2, 1856.

T. 5 N., R. 12 W. of the San Bernardino Mer.

West on a random line bet. Secs. 30 & 31.  
Var. 14°08' E.  
25.00 Across valley to base of mountain.  
40.00 Set a post for a temp. qr. sec. cor.  
80.67 Intersect the West boundary of the tp. at post  
cor. to Secs. 30 & 31, from which corner I run--

East on a true line bet. Secs. 30 & 31.  
Var. 14°08' E.  
40.67 Set a post for a qr. sec. cor. drove a charred  
stake & made a mound with trench & pits as per  
instructions.  
80.67 To cor. to Secs. 29, 30, 31 & 32.

First half mile mountainous.  
Last half mile level. Soil 3rd rate.

---

North between Secs. 29 & 30.  
Var. 14°08' E.  
25.00 To the East point of a mountain spur.  
40.00 Set a post for qr. sec. cor. drove a charred  
stake & made a mound with trench & pits as per  
instructions.

53.00 To N. base of spur.  
80.00 Set a post for cor. to Secs. 19, 20, 29 & 30, drove a  
charred stake & made a mound with trench & pits as  
per ins.

Land rolling, Soil 2nd rate.

---

East on a random line bet. Secs. 20 & 29.  
Var. 14°05' E.  
40.00 Set a post for temp. qr. sec. cor. on the East side  
of a Canada.  
79.77 Intersect the N. & S. line 173 lks. North of cor.  
to Secs. 20, 21, 28 & 29. From which corner I run--

West on a true line bet. Secs. 20 & 29.  
Var. 12°54' E.  
39.88½ Set a post for qr. sec. cor. drove a chd. stake &  
made a mound with trench & pits as per instructions.  
79.77 The cor. to Secs. 19, 20, 29 & 30.  
Last half mile level. Soil 2nd rate.

---

West on a random line bet. Secs. 19 & 30.  
Var. 14°05' E.  
40.00 Set a post for temp. qr. sec. cor.  
45.00 Across valley course S.  
80.62 Intersect the West boundary of the tp. a post cor.  
to Secs. 19, 24, 25 & 30, from which corner I run--

T. 5 N. R. 12 W. of San Bernardino Mex.

East on a random line bet. Secs. 12 & 13.  
Var. 14°05' E.

40.00 Set a post for temp. qr. sec. cor.  
45.00 To base of hill, ranging N. & S.  
76.50 Across Ravine 5 chs. wide to N.E.  
80.70 Intersect the E. boundary of the Township 20.85  
chs. S. of cor. to Secs. 12 & 13, from which cor.  
I set a post and charred stake in a mound at the  
point of intersection for the cor. to Secs. 12 & 13.  
Thence I run

West on a true line bet. Secs. 12 & 13.  
Var. 14°05' E.

40.35 Set a post for a qr. sec. cor. drove a charred stake  
80.70 & made a mound with trench & pits as per instructions.  
The cor. to Secs. 11, 12, 13 & 14.

Land undulating. Soil 2nd rate.

---

North between Secs. 11 & 12.  
Var. 14°05' E.

28.50 Leave La Solidaridad pass, course N.W.  
40.00 Set a post for a qr. sec. cor. drove a charred stake  
& made a mound with trench & pits as per instructions.  
60.00 Enter Canada, course West.  
80.00 Set a post for cor. to Secs. 1, 2, 11 & 12. Drove a  
charred stake & made a mound with trench & pits as  
per instructions.

Land broken. Soil 2nd rate.

---

East on a random line bet. Secs. 1 & 12.  
Var. 14°05' E.

40.00 Set a post for temp. qr. sec. cor.  
80.94 Intersect the East boundary of the Township 20.46  
Chs. South of cor. to Secs. 1, 12, 6 & 7, and set a  
post for cor. to Secs. 1 & 12 at intersection. Drove  
a charred stake & made a mound with trench & pits as  
per instructions, from which corner I run--

West on a true line bet. Secs. 1 & 12.  
Var. 14°05' E.

40.47 Set a post for a qr. sec. cor. Drove a chd. stake &  
made a mound with trench & pits,  
as per instructions.  
80.94 To cor. to Secs. 1, 2, 11 & 12.

Land, undulating. Timber scattering Cedar.  
Soil 2nd rate.

---

North between Secs. 1 & 2.  
Var. 14°05' E.

T. 5 N., R. 12 W. of San Bernardino Mer.

1.00	Leave Canada.
33.00	Across another Canada, 5 chs. wide, course W.
40.00	Set a post for qr. cor. sec. & drove chd. stake in a witness mound 50 lks. North of true qr. sec. cor. to avoid a dry arroyo 10 lks. wide course W. with trench & pits as per instructions.
64.00	Enter valley.
85.00	Across road, course West.
105.00	Intersect the first Standard line North 17.04 chs. W. of the 66th Mile Standard corner and set a post for C. cor. to Secs. 1 & 2, drove a charred stake & made a mound with trench & pits as per instructions at the point of intersection.
	Land rolling.
	Soil 2nd rate.

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From the cor. to Secs. 14, 15, 22 & 23--I run--  
North between Secs. 14 & 15. Var. 14°05' E.

18.00	To base of mountain.
37.00	To top of East slope of same, ascent 300 ft.
40.00	Set a post for qr. sec. cor. drove a charred stake & made a mound with trench & pits as per instructions. Thence on offset to avoid large rocks East. 2.00 chs. to Station 2. Thence North on offset line 27.00 chs. and drove stake. Thence West 2.00 chs. to true line and drove stake, Therefore,
67.00	To stake on north side of rock
76.00	To north face of mountain.
80.00	Set a post for cor. to Secs. 10, 11, 14 & 15, drove charred stake and made a mound with trench & pits as per instructions.
	Land mountainous. Soil 3rd rate.

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East on a random line bet. Secs. 11 & 14.  
Var. 14°08' E.

40.00	Set a post for temp. qr. sec. cor.
70.00	Enter La Solidad Pass.
80.14	Intersect the North & South line 100 lks. South of the Cor. to Secs. 11, 12, 13 & 14, from which cor. I run--
	West on a true line bet. Secs. 11 & 14. Var. 14°51' E.
40.07	Set a post for qr. sec. cor. drove a charred stake & make a mound with trench & pits as per instructions.
80.14	The cor. to Secs. 11, 10, 14 & 15. Land undulating. Soil 2nd rate.

T. 5 N., R. 12 W. of San Bernardino Mer.

East on a true line bet. Secs. 19 & 30.  
Var. 14°05' E.  
40.62 Set a post for qr. sec. cor. drove a chd. stake  
& made a mound with trench & pits as per instructions.  
80.62 The cor. to Secs. 19, 20, 29 & 30.  
First half mile, land broken.  
Last half mile, land level. Soil 3rd rate.

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North between Sec. 19 & 20. Var. 14°05' E.  
30.00 To base of mountain.  
40.00 Set a post for qr. sec. cor. drove a chd. stake and  
made a mound with trench & pits as per instructions.  
72.00 Enter canada course S.W.  
80.00 Set a post for cor. to Sec. 17, 18, 19 & 20, drove a  
charred stake & made a mound with trench & pits as  
per instructions.

Land broken. Soil 3rd rate.

West on a random line bet. Secs. 18 & 19.  
Var. 14°05' E.  
40.00 Set a post for temp. qr. sec. cor. on East base of  
spur to South.  
65.00 To West base of spur.  
80.06 Intersect the West boundary of tp. 250 lks. N. of the  
cor. to Secs. 18 & 19, from which corner I run--

East on a true line bet. Secs. 18 & 19.

Local attraction 14°.

Var. 15°41' E.

40.06 Set a post & charred stake in mound with trench  
& pits as per instructions for qr. sec. cor.  
80.06 The cor. to Secs. 17, 18, 19 & 20.

Land broken. Soil 2nd rate.

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#### GENERAL DESCRIPTION.

The unsurveyed portion of this Township falls  
in the mountains.  
The remainder lies at the head of the La Solidad Pass  
and consists mostly of a rolling country covered with  
a growth of scattering Cedar and Palmetto.  
It affords good pasturage of bunch grass and is for the  
main part susceptible of cultivations.

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T. 5 N., R. 12 W.

We hereby certify that we assisted Henry Hancock, deputy Surveyor in surveying the exterior boundaries and subdividing fractional township 5 North of the Base line of Range 12, West of the San Bernardino Meridian and that said fractional township has been in all respects to the best of our knowledge and belief, well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General.

(Signed)

Wm. Murdock,	Chairman.
Cyrillus Thompson,	Axeman.
Ranin Mardibil,	Flagman.
Frank Lecouverus,	Compass man.

Subscribed and sworn to by the above named persons before me this 4th day of June A. D. 1856.

(Signed)

Alex. Gibson, Justice of the Peace in and for the City and County of Los Angeles, State of California.

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I, Henry Hancock, Dep. Surveyor do solemnly swear, that in pursuance of a contract with John C. Hays, Surveyor of the public lands of the United States in the State of California, bearing date the 15th day of February 1855, and in strict conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed the exterior boundaries and subdivided into sections, Fractional Township 5 North of the Base Line of Range 12 West of the San Bernardino Meridian in the State aforesaid and do further solemnly swear that the foregoing are the true and original field notes of such survey.

(Signed)

Henry Hancock.

T. 5 N., R. 11 W.

40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.  
78.50 Set sec. post and charred stake in mound with trench and pits as per instructions, cor. of Secs. 15, 16, 21 & 22, from which bears the lobe on W. face of mountain before taken S. 30 W. and the canon of the stream of water entering swamp, S. 10° E. hilly and principally third rate soil.

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West on South boundary of Sec. 16.

18.50 To base of ridge.  
40.00 Set qr. sec. post and charred stake in mound with trench and pits as per instructions.  
50.00 To top of ridge, course S.E.  
71.50 Gross dry arroyo 15 lks. wide, course N.W.  
75.00 To top of ridge.  
80.00 Set sec. post and charred stake in mound with trench and pits as per instructions, cor. of Secs. 16, 17, 20 & 21. Similar to last mile. Timber scattering Cedar.

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West on South boundary of Sec. 17

4.00 To base of ridge and into flat Ravine.  
12.50 Across same course.  
14.50 To west bluff of same.  
40.00 Drive qr. Sec. post and charred stake from which a Cedar 3 in. diam. bears N. 69° E. dist. 1-3 lks. A Cedar 4 in. diam. bears S. 24 W. dist. 59 lks. situated in a ravine 50 lks. wide, course N.E.  
48.00 To W. bluff of same ravine.  
53.00 To E. bluff of Canada.  
54.00 Into same. Course N.E.  
59.00 Across dry arroyo, 15 lks. wide, course N.E.  
62.00 Across Canada.  
64.50 To top of W. bluff and to Cedar plain.  
80.00 Set Sec. post and charred stake in mound with trench and pits as per instructions. Cor. of Secs. 17, 18, 19 & 20 from which bears Peak (a) S. 68°. Cone on top of high hill S. 45½° W. and a tree on the W. slope of ridge S. 25° W. Hilly, soil and vegetation same as last mile.

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West on South boundary of Section 18.

28.00 A gully 4 lks. wide, course N.  
40.00 Set qr. Sec. post and charred stake in mound with trench and pits as per instructions.  
44.00 To bluff of ravine.  
46.00 Into same 3 lks. wide, course N.W.  
53.00 To N. slope of high hill.  
77.23½ Set sec. post and charred stake in mound with trench and pits as per instructions. Cor. of Secs. 13, 18, 19 & 24 allowing the calculated convergency of the range to this point 256½ lks. and North face of the mountain. Broken land, soil third rate.

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On West boundary of fractional T. 5 N. R. 11 W.

Var. 14° 8' E.



Fractional T. 5 N., R. 11 W.

From Cor. of Secs. 13, 18, 19 & 24.  
South on West boundary of Sec. 19.

1.50 To bluff of ravine.  
3.50 Across center of same 12 lks. wide, course N.W.  
18.50 T. S. E. slope of ridge.  
35.50 Across gulley 10 lks. wide, course N.E.  
35.50 To top of high lobe.  
40.00 Set qr. sec. post and charred stake in mound of rock and earth 5 feet base and 30 in. high on N. face of high lobe and finding it impracticable to measure further, we return to corner of Sections 13, 18, 19 & 24. Thence

40.00 North on West boundary of Sec. 18.  
Set qr. sec. post and charred stake in mound, with trench and pit as per instructions.  
63.00 Into ravine, course N.W. 12 lks. wide.  
65.00 To N. bluff of same.  
72.00 Into broad ravine, course N.E.  
76.00 Across dry arroyo 8 lks. wide to N.W.  
80.00 Set Sec. post and charred stake in mound with shallow trench and pits for nearness of ledge to surface on N. side of broad ravine. Cor. to Secs. 7, 12, 13 & 18.  
Broken land.  
Soil third rate generally.

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8.00 North on west boundary of Sec. 7.  
17.00 To N.E. point of Limestone Ridge.  
22.00 Into ravine, course N.E.  
40.00 Across same.  
Set qr. sec. post and charred stake in mound with trench and pits as per instructions on the S. side of a small valley extending some distance N.W. and in which at about half a mile E. there are two springs.  
46.00 Cross trail, course W.  
50.50 Across valley.  
55.00 To top of low range of hills.  
60.00 Set sec. post and charred stake in mound with trench and pits as per instructions. Cor. of Secs. 1, 6, 7 & 12, from which bears Peak (a) before taken S. 7° E. cone a. S. 19° W. and a true cone S. 2° W.  
Hilly, second rate soil.

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5.50 North on west boundary of Sec. 6.  
34.00 Across dry arroyo, 6 lks. wide at base of hill, course N.E.  
40.00 Across road course W.  
Set qr. sec. post and charred stake in mound, with trench and pits as per instructions.  
49.00 Leave N. base of hills.  
64.93 Intersect the First Standard North. 64 chs. East of the 66th Standard mile post as established by Col. R. Morris and set C.C. post and charred stake in mound with trench and pits, as per instructions at the point of intersection cor. of Township 5 N. Rs. 11 & 12 W. Soil second rate.

July 10th,

### GENERAL DESCRIPTION.

The land of these townships is generally undulating, and for the most part apparently well adapted to the cultivation of wheat and small grain, and is entirely free from the fogs of the sea. In the Fractional Townships along the Northern base of the Mountain, there are some hills and the soil is in some parts rocky. The soil of the majority of the Townships alternates with a red mound, and a reddish sandy loam, and appears for the most part to be second rate. The timber consists of Cottonwood, Elder and Willow, along the streams and on the base of the mountains Cedar, which in Ranges 4, 5 & 6 W. extends into the plain or valley from two to four miles.

The Spanish Bayonet or Palmetto is found scattered in all parts. Underbrush and shrubbery abound in every part, consisting principally of the "Herenia", a resin bush and species of the Chemical, together with Chemical of which horses and sheep are very fond.

Bunch grass abounds in all parts and in some portions there are pin and other grasses. The ravines and canons on the North face of the mountain, from Range 1 to Range 12 W. are generally well supplied with Pine timber, which in many parts is of easy access. Permanent water is found along the whole Northern base of the mountain in distances from two to six miles and it is believed that water may be obtained in almost all parts at a reasonable distance by digging wells.

The bottom lands of the river Mohave is on an average about 60 chs. wide, and in Township 4 N. R. 4 W. the soil is principally first rate; and the swampy portion can be drained by a very trivial amount of labor. In Township 4 N. Ranges 3 & 4 W. the soil of the bottom land is generally sandy and during the summer season the bed of the river is dry. In the Southern portion of Township 3 N. R. 4 W. there is a fine detached valley on the West fork of the Mohave river affording an abundance of feed and having several sections of arable land. The Mohave overflows all of its bottom land to the depth of 3 or 4 feet at times. The river Rio del Llano when high, sweeps over from two to four miles in width in its way, Northwardly through the Valley, rendering a large tract of land stoney and unfit for cultivation, but the river may easily be taken out, either East or West onto other lands for irrigation purposes--for it seems to have by its deposits, raised its bed above the surrounding land. Local attraction prevails in some parts, but throughout this region both in Summer and Winter, I discover a controlling influence over the needle, which I believe has been heretofore unknown to science. First I found that when the instrument was level the needle by the N. or S. end attach itself to the glass (which was always sufficiently well raised) and that the only way I could devise to free it was to wet the glass immediately above the point of contact or adhesion, in which case the needle would repel and detach itself. Again the needle will often settle from 1° to 5° either E. or W. of natural objects I may have in my sight as general guides (to guard against attraction) and that by drawing my wet finger on the glass directly over the needle its whole length, the needle will assume the magnetic North; other means seem altogether ineffectual. In some parts I find it unsafe to rely on the course, without first having wet the glass over the needle for its entire length.