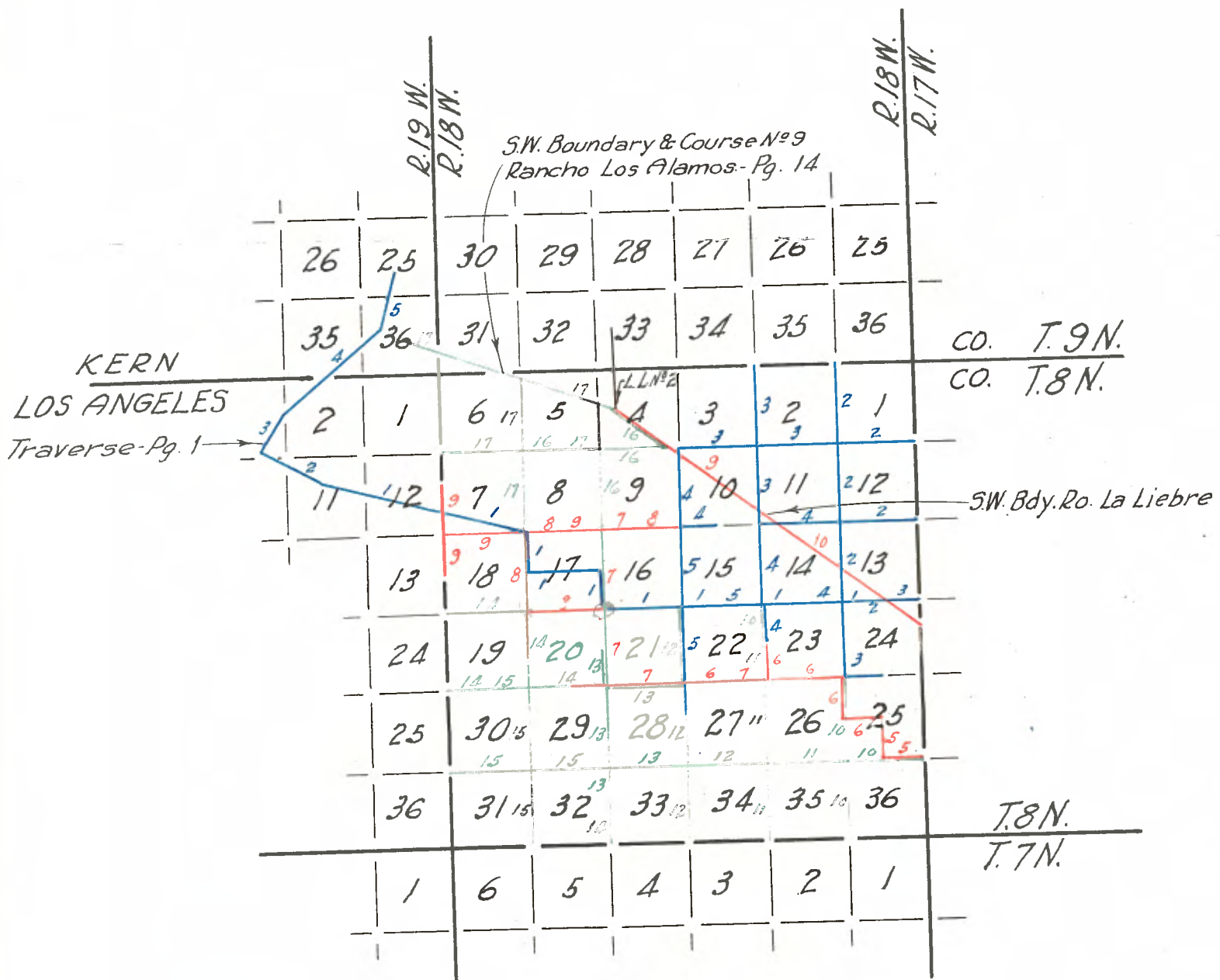


FIELD NOTES
of
Interior Section Lines
in
Township 8 North, Range 18 West
S. B. M.

Copied from official notes loaned
by Forest Supervisor at Santa Bar-
bara, California, July 1922



T. 5 N., R. 18 W., S. B. M.

40.00 West on S. line of Sec. 13. Va. 14th 8' E.
Set $\frac{1}{4}$ mile post with mound cor. to secs. 13, 14, 23
and 24.
50.00 Set post with mound, cor. to secs. 13, 14, 23, 24.
Land 2nd rate, open and hilly.
On S. line of sec. 14.
40.00 Set $\frac{1}{4}$ sec. post with mound.
65.00 To valley.
50.00 Set post with mound, corner to secs. 14, 15, 22 and 23
2nd rate land and hilly.
South line of sec. 15.
2.00 Cross road to Cajon de Las Rivas, course E. of W.
40.00 Set $\frac{1}{4}$ sec. post with mound.
50.00 Set post with mound, cor. to secs. 15, 16, 21, 22 at foot
of hill.
2nd rate land and rolling.
South line of sec. 16.
Over hills.
40.00 Set $\frac{1}{4}$ sec. post with mound.
65.00 To valley extending more than 1 mile S.
50.00 Set post with mound, cor. to secs. 16, 17, 20 and 21.
Land good 2nd rate.
North on W. line of sec. 16.
40.00 Set $\frac{1}{4}$ sec. post on road to Cajon Des Rivas, course E.
& W. on S. bank of small lake. Made mound and run W.
through sec. 17.
West inside of sec. 17.
4.00 Pass W. end of lake.
31.50 Cross trail to San Francisco Rancho, course S.
50.00 Set $\frac{1}{4}$ sec. post on W. line of sec. 17 and make mound.
Land 2nd rate.
North on W. line of sec. 17.
30.00 Cross road to Cajon des Rivas.
40.00 Set post with mound, cor. to secs. 7, 8, 17 and 18, with
1 ch. S. as the cor. comes in gulch.
From this point true cor. I commence a traverse as the pass
is too narrow to run but short dist. at right angles.

| Course | Dist. | North | South | East | West |
|--------|--------|--------------|-------|--------------|---------------|
| 1 | | | | | |
| N 74 W | 226.00 | 62.29 | | | 217.25 |
| 2 | | | | | |
| N 60 W | 49.00 | 24.50 | | | 42.44 |
| 3 | | | | | |
| N 29 E | 60.00 | 52.48 | | 29.09 | |
| 4 | | | | | |
| N 51 E | 120.00 | 75.52 | | 93.25 | |
| 5 | | | | | |
| N 14 E | 65.00 | <u>63.07</u> | | <u>15.72</u> | |
| | | 277.86 | | 138.06 | <u>259.69</u> |
| | | | | | <u>138.06</u> |
| | | | | | 121.63 |

180.00 Ascend ridge.

226.00 To summit and descend.

About 40 chs. E. a lake and near here at E. entrance to
the valley called Canada des las Rivas. At this post, I
am inside of sec. 25, R. 19 W., T. 9 N. I run N.

July 15, 1854

R. W. MORRIS

Vol. 273-12
G.B.J.

T. 8 N., R. 16 W., S. E. M.

From the cor. to secs. 1 and 2 on N. E. of the Tp. I
run South bet. secs. 1 and 2. Va. 14° 13' E.
20.00 Enter broken hills.
40.00 Set a post, charred and chalked for the $\frac{1}{4}$ sec. cor. and
raised a mound with trench and pits as per inst.
60.00 To scattering timber.
80.00 Set a post, charred and chalked and notched for the cor.
to secs. 1, 2, 11 and 12; raised a mound with trench and
pits as per inst. from which a
White oak 14 in. dia. brs. N. 34° E. 244 lks. dist.
Land 2nd rate and rough hills.
East on a random line bet. secs. 1 and 12. Va. 14° 13' E.
20.00 Leave scattering timber.
40.00 Set a post for tem. $\frac{1}{4}$ sec. cor.
75.00 To a valley.
80.18 Int. E. E. of the Tp. 36 lks. N. of the cor. to secs. 1 and
12, from which cor. I run West on a true line bet. secs. 1
and 12. Va. 13° 58' E.
40.09 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and
raised a mound with trench and pits as per inst.
80.18 The cor. to secs. 1, 2, 11 and 12.
Land 2nd rate and very hilly with scattering oak, cedar
and scrub.
South bet. secs. 11 and 12. Va. 14° 13' E.
5.00 Leave timber.
40.00 Set a post charred and chalked for $\frac{1}{4}$ sec. cor. and raised
a mound with trench and pits as per inst.
80.00 Set a post charred and chalked and notches for the cor. to
sec. 11, 12, 13 and 14, and raised a mound with trench and
pits as per inst.
Land 2nd rate and hilly.
East on a random line bet. secs. 12 and 13. Va. 14° 13' E.
18.00 Enter a valley bearing E. & W.
40.00 Set a post for tem. $\frac{1}{4}$ sec. cor.
69.00 To hills.
79.91 Int. the E.E. of the Tp. 50 lks. N. of the cor. to secs. 12
and 13 from which cor. I run
West on true line bet. secs. 12 and 13. Va. 13° 52' E.
39.95 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and
raised a mound with trench and pits as per inst.
79.91 The cor. to secs. 11, 12, 13 and 14.
Land hilly and 2nd rate.
South bet. secs. 13 and 14. Va. 14° 13' E.
7.00 To a small valley bearing E. & W.
18.00 To hills.
40.00 Set a post, charred and chalked for the $\frac{1}{4}$ sec. cor. and
raised a mound with trench and pits as per inst.
75.00 To a valley course E. & W.
80.00 Set a post charred and chalked and notches for the cor. to
secs. 13, 14, 23 and 24, and raised a mound with trench
and pits as per inst.
Land hilly and 2nd rate.
East on a random line bet. secs. 13 and 24. Va. 14° 13' E.
20.00 To broken hills.
40.00 Set a post for tem. $\frac{1}{4}$ sec. cor.
80.26 Int. the E.E. of the Tp. 67 lks. N. of the cor. to secs. 13
and 24, from which cor. I run West on true line bet. secs.
13 and 24.
Va. 13° 44' E.

40.13 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 50.26 The cor. to secs. 13, 14, 23 and 24.
 Land hilly and 2nd rate.
 South bet. secs. 23 and 24. Va. $14^{\circ} 13'$ E.
 7.00 Enter dry bed of Lake extending 40 chs. E. and 20 chs. W.
 15.00 Leave bed of lake.
 27.50 Cross road to Fort Tejon course E. & W.
 31.00 Enter very abrupt hills.
 40.00 The hill is so steep that I cannot make a mound for the $\frac{1}{4}$ sec. cor. and I therefore construct a witness mound 3 chs. S. and set a post charred and chalked
 50.00 Set a post charred, chalked and notches for the cor. to secs. 23, 24, 25 and 26, and raised a mound with trench and pits as per inst.
 Land on N. portion of this line is valleys 1st rate; the remainder is mountainous and 2nd rate.
 East on a random line bet. secs. 24 and 25. Va. $14^{\circ} 13'$ E.
 38.00 To scattering pine timber.
 40.00 Establish the $\frac{1}{4}$ sec. cor. by setting a post charred and chalked and raising a mound with trench, from which a Pine 20 in. dia. brs. W. 90 lks. dist.
 Land 2nd rate.
 It is impossible to proceed further with this line on account of the steep mountains. Nor is it possible to run further S. for the same reason.
 South bet. secs. 2 and 3. Va. $14^{\circ} 13'$ E.
 10.00 Enter broken hills.
 40.00 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst. from which a
 50.00 White Oak 12 in. dia. brs. N. 34 E. 296 lks. dist.
 Set a post charred, chalked and notches for the cor. to secs. 2, 3, 10 and 11 and raised a mound with trench and pits as per inst., from which a
 White oak 18 in. dia. brs. N. $10\frac{1}{2}^{\circ}$ E. 348 lks. dist.
 Land very hilly and broken, generally 2nd rate.
 East on random line bet. secs. 2 and 11. Va. $14^{\circ} 13'$ E.
 40.00 Set a post for temp. $\frac{1}{4}$ sec. cor.
 79.55 Int. N. & S. line 42 lks. N. of cor. to secs. 1, 2, 11, 12 from which cor. I run
 West on a true line bet. secs. 2 and 11. Va. $13^{\circ} 55'$ E.
 39.77 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 79.55 The cor. to secs. 2, 3, 10 and 11.
 Land 2nd rate.
 Broken hills and scattering oak.
 South bet. secs. 10 and 11. Va. $14^{\circ} 13'$ E.
 40.00 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. from which a white oak 36 in. dia. brs. S. $58\frac{1}{2}^{\circ}$ W. 62 lks. dist.
 A white oak 30 in. dia. brs. N. 53° $\frac{1}{2}$ W. dist. 87 lks.
 50.00 Set a post charred and chalked and notches for the cor. to secs. 10, 11, 14 and 15, in mound with trench, from which a
 White oak 14 in. dia. brs. N. 29° E. 348 lks. dist.
 White oak 8 in. dia. brs. S. 45° W. 3.50 lks. dist.
 Land 2nd rate. Hills abrupt and broken.
 East on a random line bet. secs. 11 and 14. Va. $14^{\circ} 13'$ E.
 20.00 Leave scattering timber.
 40.00 Set post for temp. $\frac{1}{4}$ sec. cor.

79.62 Int. N. & S. line 14 lks. N. of the cor. to secs. 11, 12, 13 and 14, from which cor. I run
 39.81 West on a true line bet. secs. 11 and 14. Va. 14° 06' E.
 79.62 Set a post charred and chalked for $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 The cor. to secs. 10, 11, 14 and 15.
 Land good 2nd rate and very hilly.
 South bet. secs. 14 and 15. Va. 14° 13' E.
 40.00 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 63.00 Leave scattering timber.
 65.00 Enter a Valley bearing E. & W.
 80.00 Set a post charred, chalked and notches for the cor. to secs. 14, 15, 22 and 23, and raised a mound with trench and pits as per inst.
 Land 2nd rate and very hilly.
 East on a random line bet. secs. 14 and 23. Va. 14° 13' E.
 40.00 Set a post for temp. $\frac{1}{4}$ sec. cor.
 79.56 Int. N. & S. line 50 lks. N. of the cor. to secs. 13, 14, 23, 24, from which cor. I run
 West on a true line bet. secs. 14 and 23. Va. 13° 52' E.
 39.78 Set a post charred and chalked for $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 79.56 The cor. to secs. 14, 15, 22 and 23.
 Land hilly and good 2nd rate.
 South bet. secs. 22 and 23. Va. 14° 13' E.
 3.50 Cross road to Fort Tejon, course N. 80° W.
 40.00 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 This post is on the base of mountain and it is impossible to survey further South as the mountains are very steep and rough.
 As it is not practicable to run the line bet. secs. 3 and 4 on account of the mountains, I run
 West from the cor. to secs. 2, 3, 10, 11.
 West bet. secs. 3 and 10. Va. 14° 13' E.
 40.00 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench and pits as per inst.
 80.00 Set a post charred, chalked and notches for the cor. to secs. 3, 4, 9, 10 and raised a mound with trench and pits as per inst.
 Land good 2nd rate. Hills very steep, scattering oak and pine.
 South bet. secs. 9 and 10. Va. 14° 13' E.
 40.00 To a live oak 6 in. dia. which I mark as inst. for the $\frac{1}{4}$ sec. cor.
 80.00 Set a post charred, chalked and notches for the cor. to secs. 9, 10, 15 and 16, in a mound with trench and pits per inst., from which a
 White oak 6 in. dia. brs. N. 2° E. 86 lks.
 White oak 6 in. dia. brs. S. 15° W. 37 lks.
 Pine 8 in. dia. brs. S. 72° E. 36 lks.
 Land 2nd rate, but broken and mountainous.
 East on a random line bet. secs. 10 and 15. Va. 14° 13' E.
 40.00 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor. from which
 White oak 10 in. dia. brs. N. 17 $\frac{1}{2}$ ° E. 58 lks.
 White oak 24 in. dia. brs. S. 74° E. 73 lks.
 Land 2nd rate.
 Owing to the steepness of the mountains and their rugged

36
 66
 216
 216
 2376

86
 56
 516
 5676

character I cannot run this line further.
 South bet. secs. 15 and 16. Va. 14° 13' E.
 40.00 As the hill is so steep that I cannot make a mound
 I make a witness mound as inst. 3 chs. S. from which a
 Pine 18 in. dia. brs. N. 42 W. 12 lks.
 48.00 Leave timber.
 73.00 To a valley bearing E. & W.
 74.50 Cross road to Fort Tejon course N. 45° W.
 80.00 Set a post, charred, chalked and notches for the cor.
 to secs. 15, 16, 21 and 22, and raised mound with
 trench and pits per inst.
 Land 2nd rate and very mountainous. Pine, white and
 Live oak.
 40.00 East on a random line bet. secs. 15 and 22. Va. 14° 13' E.
 68.50 Set a post for temp. $\frac{1}{4}$ sec. cor.
 79.50 Cross road to Fort Tejon, course N. 80° W.
 Int. N. & S. line 47 lks. N. of the cor. to secs. 14, 15,
 22, 23, from which cor. I run
 West on a true line bet. secs. 15 and 22. Va. 13° 53' E.
 39.75 Set a post charred, chalked for the $\frac{1}{4}$ sec. cor. and
 raised a mound with trench and pits as per inst.
 79.50 The cor. to secs. 15, 16, 21 and 22.
 Land level and good 2nd rate.
 40.00 South bet. secs. 21 and 22. Va. 14° 13' E.
 Set a post charred and chalked for the $\frac{1}{4}$ sec. cor.
 65.00 and raised a mound with trench and pits as per inst.
 80.00 To hills.
 Set a post, charred, chalked and notched for the cor.
 to secs. 21, 22, 27 and 28, and raised a mound with
 trench, pits and c. as per inst.
 This cor. is at the base of mountains and I cannot
 survey any more in this Tp.

Aug. 1, 1855
 R. W. MORRIS

Vol. 164.33
 G. B. J.

T. 6 N., R. 18 W., S. 1, 2, 3.

West on true line bet. secs. 25 and 26. Va. 14° 30' E.
 19.00 To ravine 150 lks. wide, course S.W.
 21.00 To summit of spur, course S.
 25.00 To ravine 1 ch. wide course SE.
 32.00 To summit spur course S.
 40.00 To $\frac{1}{4}$ sec. cor. bet. secs. 25 and 36, set post and
 charred stake in mound with pits as per inst., from
 which a
 White oak tree 8 in. dia. brs. N. dist. 4 $\frac{33}{100}$ chs.
 I can proceed no farther either W. or S. on account
 of the steep and broken nature of the ground.
 1st 19 chs. land rolling, 2nd rate; growth of clover and
 wild oats good grazing. Last 21 chs. land quite broken,
 soil 3rd rate.
 Very little grass and a very scattering growth of
 scrub pine and live oak.
 North through sec. 25. Va. 14° 30' E.
 4.33 To a white oak 8 in. dia. on line.
 5.00 To brow of bluff, sloping S. course N. 60° W. & S. 30° E.
 15.50 To summit of ridge, course N. 33° W.
 40.00 To the center of sec. 25. Set post and charred stake in

mound with pits as per inst., from which a
 White oak tree 5 ft. in dia. brs. S. 52° E. dist. 100 lks.
 Land for the 1st 5 chs. broken almost barren of grass, 3rd
 rate, a few scattering scrub Pine and live oak trees.
 Land for the last 35 chs. quite rolling, 2nd rate. Growth
 of wild oats and clover.
 West on a true line through sec. 25. Va. 14° 30' E.
 20.00 To summit of spur course N.W.
 34.00 To summit of spur course N. W.
 40.00 To $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26, set post and charred
 stake in mound with pits as per inst.
 Land rolling 2nd rate.
 I could not proceed S. from this point on account of the
 steep and broken nature of the mountain range.
 North on random line bet. secs. 25 and 26. Va. 14° 30' E.
 11.50 To ravine 1 ch. wide course N.E.
 25.10 To ravine 2 chs. wide course N.E.
 40.07 To point 14 lks. W. of old mound, cor. to secs. 23, 24, 25
 and 26.
 Post had decayed hence I reestablished the same by setting
 a post and charred stake in old mound with pits as per inst.
 South on true line bet. secs. 25 and 26. Bearing S. 0° 12' W.
 40.07 To $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26.
 Land very rolling, soil 2nd rate.
 West on true line bet. secs. 23 and 26. Va. 14° 30' E.
 10.00 To summit of spur course E.
 20.00 To ravine course N.E.
 35.00 To top of ridge course N.W.
 40.00 To $\frac{1}{4}$ sec. cor. bet. secs. 23 and 26. Set post and charred
 stake in mound with pits as per inst.
 60.00 To small ravine course N.E.
 73.00 To summit of ridge course NE. & SW.
 80.00 To cor. to secs. 22, 23, 26 and 27. Set stake --- charred ---
 in mound with pits as per inst.
 Land very rolling, soil 2nd rate.
 Growth clover and alfalfa.
 North on random bet. secs. 22 and 23. Va. 14° 30' E.
 22.00 To small ravine course N.E.
 23.00 To summit of ridge course N.E.
 32.00 To ravine course N.E.
 40.06 To point 7 lks. E. of old mound the $\frac{1}{4}$ sec. cor. bet. secs.
 22 and 23. The old stake had decayed so I reestablished the
 cor. by setting a post and charred stake in old mound with
 pits as per inst.
 South on true line, bearing S. 0° 06' E.
 40.06 To cor. to secs. 22, 23, 26 and 27.
 Land rolling, soil 2nd rate.
 I can proceed no farther S. on account of steep hills.
 West on random bet. secs. 22 and 27. Va. 14° 30' E.
 16.00 To ravine course NW.
 30.00 To summit of spur course N.W.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 65.00 To ravine course N.W.
 75.00 To base of high hill course N. & S. Enter small flat.
 78.00 To base of round knoll.
 80.16 To point 21 lks. N. of old mound, cor. to secs. 21, 22, 27
 and 28. The old post being decayed, I set a post and charred
 stake in old mound with pits as per inst.
 East on true line bearing N. 89° 51' E.

40.08 To $\frac{1}{4}$ sec. cor. Set post and charred stake in mound with pits as per inst.

80.16 To cor. to secs. 21, 22, 27 and 28.
Land very rolling, soil 2nd rate; growth of clover and wild oats. I am unable to run farther S. from cor. to secs. 21, 22, 27, 28 on account of the rough and broken nature of the mountain range.

March 28, 1873.

10.00 West on true line bet. secs. 21 and 28. Va. $14^{\circ} 30'$ E.

26.00 To foot of high hills, enter flat course SW. & NE.

40.00 To the S. point of a spur course N.

54.00 To $\frac{1}{4}$ sec. cor. set post and charred stake in mound with pits as per inst.

56.50 To W. edge of flat course SE. & NW. Commenced ascent of hills.

58.00 To summit of spur course SE.

80.00 To base of spur course SE.

To cor. to secs. 20, 21, 28 and 29. Set post in mound with charred stake and pits as per inst.

Land for 1st 10 chs. rolling, 2nd rate. Last 26 chs. hilly, 2nd rate.

I could proceed no farther S. or W. on account of steep hills.

32.00 North on random bet. secs. 20 and 21. Va. $14^{\circ} 30'$ E.

38.50 To summit of spur course SE.

40.00 To base of spur, enter flat course NE. and SW.

62.50 To $\frac{1}{4}$ sec. cor. Set post and charred stake in mound with pits as per inst.

67.50 To road to Los Alamos course SE. and NW.

80.04 To dry wash 2 chs. wide course SE.

To cor. to secs. 16, 17, 20 and 21, at old mound of Traverse line set post and charred stake in old mound with pits as per inst.

Land for 1st 25 $\frac{1}{2}$ chs. very hilly, soil 3rd rate.

Land for 1st 51 $\frac{1}{2}$ chs. level soil 2nd rate.

South on true line bearing S.

40.02 To $\frac{1}{4}$ sec. cor.

80.04 To cor. to secs. 20, 21, 28 and 29.

2.00 North bet. secs. 16 and 17. Va. $14^{\circ} 30'$ E.

12.00 To base of spur course E. & W. Commence ascent.

22.00 To summit of spur course E. & W. This spur extends about 10 chs. W. and terminates in flat.

36.20 To base of spur course E. & W. Enter dry lake valley.

36.80 To Fort Tejon road course E. & W.

40.00 To S. edge of small lake 1 ch. wide, extending 50 lks. E. of line and 2 chs. W. of line.

To $\frac{1}{4}$ sec. cor. bet. secs. 16 and 17. Set post and charred stake in old mound of meander line with pits as per inst.

42.00 From which the E. end of a small lake bears N. 80° W. dist. 6 chs. Lake is 8 chs. long E. & W. and 2 chs. N. & S.

80.00 To base of hills at N. edge of dry lake valley course E. & W. Commence ascent.

To cor. to secs. 8, 9, 16 and 17, set post and charred stake in mound with pits as per inst.

Land for 1st 22 chs. rolling, soil 3rd rate.

Next 20 chs. across dry lake valley level, soil 1st rate.

Land for last 38 chs. very rolling, soil 2nd rate.

Growth clover and wild oats.

25.50 East on random bet. secs. 9 and 16. Va. $14^{\circ} 30'$ E.

40.00 To ravine 1 ch. wide course S.E.

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

| | |
|-------|---|
| 48.00 | To summit of ridge course S. 70° E. |
| 55.20 | To pine tree on line 36 in. dia. |
| 80.16 | To point 16 lks. S. of old mound. |
| | West on true line bearing S. 89° 53' W. |
| 40.08 | To $\frac{1}{4}$ sec. cor. set post and charred stake in mound with pits as per inst. from which a |
| | scrub live oak brs. N. 70° W. dist. 40 lks. and a |
| 80.16 | Small spring brs. E. dist. 40 lks. |
| | To cor. to secs. 8, 9, 16 and 17. |
| | Land very broken, soil 3rd rate. |
| | I can proceed no farther N. from this point on account of the steep and broken nature of the mountain range. |
| | West on true line bet. secs. 17 and 20. Va. 14° 30' E. |
| 7.75 | To dry wash 50 lks. wide course SE. |
| 11.80 | To Los Alamos road course SE. |
| 24.00 | To base of ridge course NW. |
| 26.00 | To summit of ridge course NW. and SE. |
| 28.00 | To base of spur enter flat. |
| 40.00 | To $\frac{1}{4}$ sec. cor. bet. secs. 17 and 20. Set post and charred stake in mound with pits as per inst. |
| 49.50 | To base of spur course N. & S. |
| 61.00 | To summit of spur course NE. |
| 78.00 | To base of spur course N. & S. |
| 80.00 | To cor. to secs. 17, 18, 19 and 20. Set post and charred stake in mound with pits as per inst. |
| | Land for 1st 24 chs. level, soil 2nd rate. |
| | Land 56 chs. quite rolling, soil 2nd rate. |
| | Growth of clover and alfalfa. |
| | I can proceed no farther S. or W. from this point on account of a steep broken mountain range. |
| | March 29, 1873. |
| | North on random line bet. secs. 17 and 18. Va. 14° 30' E. |
| 2.00 | To base of hill, enter small flat, course NW. and SW. |
| 10.00 | To base of spur course NE. and SW. Leave flat. |
| 20.00 | To summit of spur course NE. |
| 34.00 | To base of spur course E. & W. Enter S. edge of dry lake valley |
| 39.50 | To S. edge of dry wash course SE. |
| 40.00 | To temp. $\frac{1}{4}$ sec. cor. in wash. |
| 44.00 | To N. edge of dry wash. |
| 50.50 | To Los Alamos road course SE. |
| 57.00 | To creek 8 lks. wide course E. |
| 67.20 | To S. edge of small lake course E. & W. 2 chs. wide and extending 250 lks. E. 72.00 lks. W. of line. |
| 69.00 | To Fort Tejon road at base of high hills on the N. side of dry lake valley, course E. & W. |
| 79.04 | To point 21 lks. E. of old mound of meander line, witness cor. 1 ch. S. of true cor. |
| 80.04 | To cor. to secs. 7, 8, 17 and 18. Set post and charred stake in old witness mound with pits as per inst. |
| | South on true line bearing S. 09° E. |
| 40.02 | To $\frac{1}{4}$ sec. cor. set post and charred stake in mound with pits as per inst. |
| 80.04 | To cor. to secs. 17, 18, 19 and 20. |
| | Land for 1st 34 chs. hilly, soil 3rd rate; the next 35 chs. level soil 2nd rate. Last 11 chs. hilly, soil 3rd rate, small growth of clover and alfalfa. |
| | East on random bet. 8 and 17. Va. 14° 30' E. |
| 19.00 | To base of hill course SW. enter flat which extends W. into hills about 7 chs. |
| 24.00 | To base of hills, course SE. on E. edge of flat. |
| 27.30 | To point from which 2 adobe houses brs. S. 43° W., the 1st house is dist. about 12 chs., the other is dist. about 15 chs. |

40.00 Set temp. & sec. cor.
 73.00 To ravine course S.
 80.46 To point 35 lks. S. of cor. to secs. 8, 9, 16 and 17.
 West on true line bearing S. 89° 45' W.
 40.23 To $\frac{1}{4}$ sec. cor., set post and charred stake in mound with
 pits as per inst.
 80.46 To cor. to secs. 7, 8, 17 and 18.
 Land very hilly and broken, soil 2nd rate.
 I am unable to run farther N. from this point on account of
 the steep and broken nature of the mountain range.
 West on true line bet. secs. 18 and 7. Va. 14° 30' E.
 17.00 To base of hills on N. side of dry lake valley.
 21.00 To Fort Tejon road course N. 80° W. and S. 80° E.
 31.00 To creek 4 lks. wide course S. 83° E.
 40.00 To $\frac{1}{4}$ sec. cor. set post and charred stake in mound with
 pits as per inst., from which a
 small lake brs. N. dist. 2 chs. Lake is 150 lks. wide N. & S.
 150 lks. is the dist. it extends E. and 150 lks. is the dist.
 it extends W. of $\frac{1}{4}$ sec. line.
 47.80 To Los Alamos road course SE. & NW.
 56.00 To base of hills on S. side of dry lake valley, course N. 65° W.
 Commenced ascent.
 80.00 To point on range line bet. Rs. 18 and 19 W., cor. to secs.
 7 and 18, 12 and 13. Set post and charred stake in mound
 with pits as per inst.
 Land for 1st 17 chs. rolling; next 39 chs. level and the last
 24 chs. rolling hills, soil 2nd rate.
 North on Range line bet. secs. 7 and 12. Va. 14° 30' E.
 20.20 To creek 4 lks. wide course E. at base of hills on S. side of
 dry lake valley.
 25.00 To Fort Tejon road course E. & W.
 29.50 To base of hills on N. side of dry lake valley course E. & W.
 40.00 To $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, set post and charred
 stake in mound with pits as per inst.
 Land for 1st 20 chs. hilly; the next 9 chs. level; the last
 11 chs. very hilly and broken, soil 2nd rate.
 I find it impossible to run farther N. from this point as the
 line lies over a steep, broken, impassable mountain range.
 South on range line bet. secs. 13 and 18. Va. 14° 30' E.
 3.50 To ravine 1 ch. wide course E.
 7.00 To summit of spur course E.
 32.00 To base of spur course E. & W.
 40.00 To $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, set post and charred
 stake in mound with pits as per inst.
 51.00 To base of steep broken mountain range, set post and charred
 stake as per inst.
 In order to connect the survey of Rancho La Liebre with the
 Government subdivisions made in this Tp. in 1855, I went to
 Station No. 2 the S. W. cor. of "Rancho Los Alamos E. Agua
 Caliente" which I found to be an oak post marked L L No. 2
 from which a white oak tree 20 in. dia. marked L L No. 2
 brs. S. dist. 5.95 chs. and a
 Large spring of water brs. N. 52° E. dist. 7.67 chs.
 All agreeing with inst. furnished me from the Surveyor
 General's office. Thence
 Retracing the SW. cdy. of Rancho "La Liebre"
 S. 53 $\frac{3}{4}$ ° E. Va. 14° 30' E.
 78.34 Int. the line bet. secs. 9 and 10, dist. 4.32 chs. S. of
 cor. to secs. 3, 4, 9 and 10. Set post and charred stake
 in mound with pits as per inst.
 177.54 Int. the line bet. secs. 10 and 11 dist. 17.02 chs. N. of
 cor. to secs. 10, 11, 14 and 15. Set post and charred stake
 in mound with pits as per inst.
 206.32 Int. the line bet. secs. 11 and 14, dist. 23.22 chs. E. of

277.49 cor. to secs. 10, 11, 14 and 15, set post and charred stake
 in mound with pits as per inst.
 Int. the line bet. secs. 13 and 14, dist. 1.92 chs. S. of the
 341.73 $\frac{1}{4}$ sec. cor. bet. secs. 13 and 14, set post and charred stake
 in mound with pits as per inst.
 Int. the line bet. secs. 13 and 34, dist. 11.80 chs. E. of $\frac{1}{4}$
 377.02 sec. cor. bet. secs. 13 and 24, set post and charred stake in
 mound with pits as per inst.
 Int. the E.B. of Tp. 8 N., Rs. 17 and 18 W., S.B.M. dist. 20.87
 chs. S. of cor. to secs. 24, 25, 19 and 30, set post and
 charred stake in mound with pits as per inst.
 I could survey no farther in this Tp.
 John Goldsworthy.
 U. S. Dep. Sur.
 Vol. 164-20
 G.B.J.

T. 8 N., R. 18 W., S. B. M.
 Retracing (1st $\frac{1}{4}$ mile)

As a portion of this Tp. has been previously surveyed, I find
 it necessary to run a part of the lines S.
 From the cor. to secs. 23, 24, 25, 26, which I find standing
 and agreeing with field notes, I run
 South on a true line bet. secs. 25 and 26. Va. 14° 30' E.
 Ascend.
 40.00 Being unable after diligent search to find old $\frac{1}{4}$ sec. cor.
 I set a post 4 in. sq. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12
 62.00 8 lks. E. for $\frac{1}{4}$ sec. cor. on top of mountain sloping W.
 80.00 Leave same descending gradually.
 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone mound
 4 ft. in dia. at base by 2 ft. in height for cor. to secs.
 25, 26, 35, 36
 Timber and undergrowth of oak and chaparral.
 Land mountainous, soil 1st and 2nd rate.
 East on a random line bet. secs. 25 and 36. Va. 14° 30' E.
 Ascend.
 40.00 Being unable after diligent search to find old cor. I set
 temp. $\frac{1}{4}$ sec. cor.
 80.22 Int. E.B. of Tp. 22 lks. N. of cor. to secs. 25, 36, 30, 31,
 from which cor. I run N. 89° 51' W. on a true line bet.
 40.11 Secs. 25 and 36. Va. 14° 25' E.
 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24 x 18
 x 12, 8 lks. N. for $\frac{1}{4}$ sec. cor.
 80.22 The cor. to secs. 25, 26, 35 and 36.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of Oak, chaparral and bunchgrass.
 South on a random line bet. secs. 35 and 36. Va. 14° 30' E.
 Ascend.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 52.50 Summit of ridge bxs. NE. & SW. and descend.
 79.85 Int. S.B. of Tp. 38 lks. W. of cor. to secs. 35, 36, 1, 2,
 from which cor. I run
 N. 61' W. on a true line bet. secs. 35 and 36. Va. 14° 30' E.
 39.85 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.
 79.85 The cor. to secs. 25, 26, 35, 36.
 Land mountainous, soil 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 RETRACING.
 Being unable to find any traces of old cor. to secs. 22, 23,
 26, 27 in order to reestablish same, I begin at cor. to sec.
 14, 15, 22, 23 which I find standing and agreeing with field

notes and run South on a true line bet. secs. 22 and 23.
 Va. 14° 30' E.
 Through valley.
 Cross road brs. E. & W.
 Being unable after diligent search to find old cor. I set
 post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
 8 lks. E. for $\frac{1}{4}$ sec. cor. Leave valley brs. E. & SW. and
 ascend gradually.

12.00 Top of mountain brs. E. & SW. and descend.
 40.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pits
 24x18x12, 8 lks. dist. at 4 angles for cor. to secs. 22,
 23, 26, 27.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, bunchgrass and chaparral.
 South bet. secs. 26 and 27. Va. 14° 30' E.
 Ascend.

19.75 Summit of ridge brs. E. & W. and descend.
 30.00 A spring brs. E. about 9.00 obs. dist.
 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24x18x
 12, 8 lks. E. for $\frac{1}{4}$ sec. cor.
 Enter Canada brs. NW. & SE.
 Leave same brs. same and ascend.

56.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pits 24x18x12,
 8 lks. dist. at 4 angles for cor. to secs. 26, 27, 34, 35.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 East on a random line bet. secs. 26 and 35. Va. 14° 30' E.
 Ascend.

13.00 Top of ridge brs. NE. and SW. and descend.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 44.00 Cross ravine 10 lks. wide course SE.
 52.50 Cross ravine 10 lks. wide course S. and ascend.
 79.74 Int. N. & S. line 14 lks. S. of cor. to secs. 25, 26, 35, 36,
 from which cor. I run
 S. 89° 54' W. on a true line bet. secs. 26 and 35. Va. 14° 30' E.

39.87 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.
 79.74 The cor. to secs. 26, 27, 34, 35.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 South on a random line bet. secs. 34 and 35. Va. 14° 30' E.
 Descend.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.77 Int. S.E. of Tp. 18 lks. E. of cor. to secs. 34, 35, 2, 3,
 from which cor. I run N. 8' E. on a true line bet. secs. 34
 and 35. Va. 14° 30' E.

39.77 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
 4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.
 from which brs. an
 Oak 10 in. dia. N. 15 $\frac{3}{4}$ ° W. 74 lks. dist.
 79.77 The cor. to secs. 26, 27, 34, 35.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth, chaparral and bunchgrass.

Oct. 25, 1880

RETRACING.

Being unable after diligent search to find any trace of cor. to

secs. 21, 22, 27, 28, in order to reestablish same, I go to cor. to secs. 15, 16, 21, 22, which I find standing and agreeing with field notes, and run S. South on a true line bet. secs. 21 and 22. Va. 14° 25' E. Descend.

40.00 Being unable after diligent search to find old cor. I set post, 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4 ft. in dia. at base by 2 ft. in height and dug pits 24 x 18 x 12, 8 lks. E. for $\frac{1}{4}$ sec. cor.

44.50 Cross gulch 10 lks. wide course SW. and ascend.

51.00 Cross road brs. NW. and SW.

50.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound 4 ft. in dia. at base by 2 ft. in height and dug pits 24 x 18 x 12, 8 lks. dist. at 4 angles for cor. to secs. 21, 22, 27, 28.

Land mountainous, soil 2nd and 3rd rate. Timber and undergrowth of oak, chaparral and bunchgrass. South bet. secs. 27 and 28. Va. 14° 30' E. Through valley.

22.00 Leave same and ascend.

40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4 ft. in dia. at base by 2 ft. in height and dug pit 24 x 18 x 12, 8 lks. E. for $\frac{1}{4}$ sec. cor.

50.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound 4 ft. in dia. at base by 2 ft. in height and dug pit 24 x 18 x 12, 8 lks. dist. at 4 angles for cor. to secs. 27, 28, 33, 34.

Land level in valley and mountainous elsewhere. Soil 1st and 2nd rate. Timber and undergrowth of oak and chaparral. East on a random line bet. secs. 27 and 34. Va. 14° 30' E. Ascend.

24.00 Top of spur brs. NW. and SE. and descend.

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

50.20 Int. N. & S. line 20 lks. N. of cor. to secs. 26, 27, 34, 35 from which cor. I run N. 89° 51' W. on a true line bet. secs. 27 and 34. Va. 14° 30' E.

40.10 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4 ft. dia. at base and 2 ft. in height and dug pit 24x18x12, 8 lks. N. for $\frac{1}{4}$ sec. cor.

50.20 The cor. to secs. 27, 28, 33, 34. Land mountainous, soil 1st and 2nd rate. Timber and undergrowth of oak, chaparral and bunchgrass. South on a random line bet. secs. 33 and 34. Va. 14° 30' E. Ascend.

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

79.86 Int. S.B. of Tp. 18 lks. W. of cor. to secs. 33, 34, 3, 4, from which cor. I run N. 8' W. on a true line bet. secs. 33, 34. Va. 14° 30' E.

39.86 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12 8 lks. E. for $\frac{1}{4}$ sec. cor.

79.86 The cor. to secs. 27, 28, 33, 34. Land mountainous, soil 2nd and 3rd rate. Timber and undergrowth of oak, chaparral and bunchgrass.

RETRACING.

Being unable after diligent search to find any traces of old coors. to secs. 20, 21, 28, 29 in order to reestablish same, I go to $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21, which I find standing and agreeing with field notes, and run South bet. secs. 20 and 21. Va. 14° 30' E.

20.25 Ascend.
 26.00 Summit of ridge brs. E. & W. and descend.
 33.75 Enter valley brs. E. & W.
 40.00 Cross wash 15 lks. wide course E.
 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pits
 24x18x12, 8 lks. dist. at 4 angles for cor. to secs. 20,
 21, 28, 29,
 from which brs. a
 white Oak 20 in. dia. s. 14° W. 40 lks. dist.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 RETRACING.
 East on a random line bet. secs. 21 and 28. Va. 14° 30' E.
 Through valley.
 24.50 Cross trail brs. NW. and SE.
 40.00 Being unable after diligent search to find old cor. I set
 temp. 1/4 sec. cor.
 58.75 Cross gulch 25 lks. wide, course SW.
 64.50 Cross road brs. N. & SW.
 79.88 Int. N. & S. line 12 lks. S. of cor. to secs. 21, 22, 27, 28,
 from which cor. I run
 S. 89° 55' W. on a true line bet. secs. 21, 28, Va. 14° 30' E.
 39.94 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24 x
 18 x 12, 8 lks. N. for 1/4 sec. cor.
 79.88 The cor. to secs. 20, 21, 28, 29.
 Land most level, soil 1st rate.
 Timber and undergrowth of oak and bunchgrass.
 South bet. secs. 28 and 29. Va. 14° 30' E.
 1.75 Leave valley brs. E. & W. and ascend.
 14.50 Top of spur brs. E. & SW. and descend.
 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
 8 lks. E. for 1/4 sec. cor.
 42.50 Cross gulch 10 lks. wide course E. and ascend.
 66.20 Cross fence brs. E. & W.
 80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pits 24x18x12,
 8 lks. dist. at 4 angles for cor. to secs. 28, 29, 32, 33.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 East on a random line bet. secs. 28 and 33. Va. 14° 25' E.
 Descend.
 6.00 Enter valley brs. N. & S.
 23.00 Cross wash 50 lks. wide course SE.
 25.50 Cross road brs. NE. & SW.
 32.75 Leave valley brs. NE. and S. and ascend.
 40.00 Set temp. 1/4 sec. cor.
 80.12 Int. N. & S. line 21 lks. S. of cor. to secs. 27, 28, 33, 34,
 from which cor. I run
 S. 89° 51' W. on a true line bet. secs. 28 and 33. Va. 14° 30' E.
 40.06 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12
 8 lks. N. for 1/4 sec. cor.
 80.12 The cor. to secs. 28, 29, 33, 32.
 Land level in valley and mountainous elsewhere.
 Soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 Oct. 26, 1880.
 South on a random line bet. secs. 32, 33. Va. 14° 25' E.

Descend.
 37.00 Enter valley brs. E. & W.
 40.00 Set temp. & sec. cor.
 43.50 Leave valley thence over low hills.
 66.50 Enter valley brs. NE. and SW.
 79.87 Int. S. B. of Tp. 14 lks. N. of cor. to secs. 4, 5, 32, 33,
 from which cor. I run
 N. 6' W. on a true line bet. secs. 32, 33. Va. 14° 30' E.
 39.87 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24 x
 18 x 12, 8 lks. E. for & sec. cor.
 79.87 The cor. to secs. 28, 29, 32, 33.
 Land mostly level, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 From the cor. to secs. 17, 18, 19, 20, which I find standing
 and agreeing with field notes, I run
 West on a random line bet. secs. 18 and 19. Va. 14° 30' E.
 Ascend.
 40.00 Set temp. & sec. cor.
 62.50 Top of spur brs. NW. and S. and descend.
 80.27 Int. W.B. of Tp. 15 lks. N. of cor. to secs. 18, 19, 23, 24
 from which cor. I run
 N. 89° 54' E. on a true line bet. secs. 18, 19. Va. 14° 30' E.
 40.27 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
 8 lks. N. for & sec. cor.
 80.27 The cor. to secs. 17, 18, 19, 20.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak and bunchgrass.
 South bet. secs. 19 and 20. Va. 14° 30' E.
 Ascend.
 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
 4 ft. in dia. at base by 2 ft. in height for & sec. cor.
 80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pits
 24 x 18 x 12, 8 lks. dist. at 4 angles for cor. to secs.
 19, 20, 29, 30.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak and bunchgrass.
 East on a random line bet. secs. 20 and 29. Va. 14° 25' E.
 Descend.
 40.00 Set temp. & sec. cor.
 65.00 Enter valley brs. NW. & SE.
 80.18 Int. N. & S. line 30 lks. dist. S. of cor. to secs. 20, 21, 28,
 29 from which cor. I run
 S. 89° 47' W. on a true line bet. secs. 20 & 29. Va. 14° 30' E.
 40.09 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24 x
 18 x 12, 8 lks. N. for & sec. cor.
 80.18 The cor. to secs. 19, 20, 29 and 30.
 Land level in valley and mountainous elsewhere.
 Land 1st and 2nd rate.
 Timber and undergrowth of oak and bunchgrass.
 West on a random line bet. secs. 19 and 30. Va. 14° 25' E.
 Ascend.
 19.50 Top of ridge brs. NW. & SE. thence along S. slope of same,
 crossing head of Canada.
 33.50 Summit of ridge brs. N. and S. and descend.
 40.00 Set temp. & sec. cor.
 80.10 Int. W.B. of Tp. 10 lks. S. of Cor. to secs. 19, 30, 24, 25,
 from which cor. I run
 S. 89° 56' E. on a true line bet. secs. 19, 30. Va. 14° 30' E.

40.10 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.
from which brs. an
Oak 10 in. dia. S. 63° E. 20 lks. dist.

80.10 The cor. to secs. 19, 20, 29, 30.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
South bet. secs. 29 and 30. Va. 14° 25' E.
Ascend.

19.50 Top of spur brs. NW. and SE. and descend.

40.00 Set stone 16 x 12 x 6 in stone mound 4 ft. in dia. at base by
2 ft. in height for $\frac{1}{4}$ sec. cor.

80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above stone mound
4 ft. in dia. at base by 2 ft. in height for cor. to secs.
29, 30, 31, 32.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
East on a random line bet. secs. 29 and 32. Va. 14° 30' E.
Ascend.

22.50 Top of spur brs. NW. and SE. and descend.

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

41.75 Cross gulch 5 lks. wide course SE. and ascend.

66.00 Top of spur brs. NW. and SE. and descend.

79.80 Int. N. & S. line 24 lks. N. of cor. to secs. 28, 29, 32, 33,
from which cor. I run
N. 89° 50' W. on a true line bet. secs. 29 and 32. Va. 14° 25' E.

39.90 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound 4 ft.
in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.

79.80 The cor. to secs. 29, 30, 31, 32.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
West on a random line bet. secs. 30 and 31. Va. 14° 30' E.
Descend.

6.75 Cross gulch 10 lks. wide course SE. and ascend.

32.50 Top of spur brs. N. and S. and descend.

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

68.75 Cross gulch 10 lks. wide course SE. and ascend.

79.79 Int. W.B. of Tp. at the cor. to secs. 30, 31, 25, 36, from
which cor. I run
East on a true line bet. secs. 30 and 31. Va. 14° 30' E.

39.79 Set post 4 in. dia. 1 ft. in earth 1 ft. above stone mound
4 ft. in dia. at base by 2 ft. in height for $\frac{1}{4}$ sec. cor.,
from which bears an
Oak 10 in. dia. N. 12 $\frac{3}{4}$ ° E. 65 lks. dist.

79.79 The cor. to secs. 29, 30, 31, 32.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
South on a random line bet. secs. 31 and 32. Va. 14° 30' E.
Descend.

7.25 Cross gulch 10 lks. wide, course SE. and ascend.

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

80.15 Int. S.B. of Tp. 33 lks. W. of cor. to secs. 5, 6, 31, 32,
from which cor. I run
N. 14° W. on a true line bet. secs. 31 and 32. Va. 14° 30' E.

40.15 Set stone 18 x 12 x 10 in stone mound 4 ft. in dia. at base
by 2 ft. in height for $\frac{1}{4}$ sec. cor.

80.15 The cor. to secs. 29, 30, 31, 32.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
Oct. 27, 1880

RESURVEY OF COURSE NO. 9
of Los Alamos Rancho

From post L. L. No. 2 of Rancho Los Alamos, I run
N. 66 3/4° W. along S.B. of same. Va. 14° 25' E.
Ascend.
5.00 Top of spur brs. NE. and SW. and descend.
32.25 Cross gulch 10 lks. wide course N.
65.50 Cross gulch 10 lks. wide, course N. and ascend.
86.00 Top of spur brs. N. & S. and descend.
180.00 Enter valley of Castao brs. NE. and SW.
223.14 To a point, from which White Oak S.B. and C 7 or SW. cor. of
Los Alamos Rancho, brs. S. 23 1/4° W. 10.71 chs. dist. which
would make my corrected course S. 69 1/2° E. 223.14 chs. dist.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak and chaparral.
From the cor. to secs. 8 and 9, 16 and 17 which I find stand-
ing and agreeing with field notes, I run
North bet. secs. 8 and 9. Va. 14° 25' E.
Ascend.
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
8 lks. E. for 1/4 sec. cor.
48.50 Top of spur brs. NW. and SE. and descend.
60.00 Cross near head of gulch 5 lks. wide course SE. and ascend.
74.00 Top of spur brs. NW. and SE. and descend.
80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound 4 1/2
ft. in dia. at base by 2 ft. in height and dug pits 24 x 18 x
12, 8 lks. dist. at 4 angles for cor. to secs. 4, 5, 8, 9.
Land mountainous, soil 1st rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
East on a true line bet. secs. 4 and 9. Va. 14° 25' E.
Descend.
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
4 ft. in dia. at base by 2 ft. in height and dug pit 24 x 18
x 12, 8 lks. N. for 1/4 sec. cor.
43.75 Cross gulch 10 lks. wide course NE. and ascend.
73.56 Int. SW. Bdy. of Rancho La Liebre and set post 4 in. sq. 1 ft.
in earth 1 ft. above earth mound 4 1/2 ft. in dia. at base by
2 ft. in height and dug pits 24 x 18 x 12, 8 lks. dist. at 4
angles for cor. to frac. secs. 4 and 9, from which cor. I run
along SW. Bdy. of said rancho N. 53 1/4° W. 20.50 - Cross gulch
10 lks. wide course NE. 56.75 - Cross gulch 10 lks. wide course
NW. 68.52 - To cor. No. 2 of final survey of Rancho La Liebre.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
From the cor. to secs. 4, 5, 8, 9, I run
North bet. secs. 4 and 5. Va. 14° 25' E.
Ascend.
2.50 Top of ridge brs. NE. and SW. and descend.
40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
4 ft. in dia. at base by 2 ft. in height and dug pit 24 x
18 x 12, 8 lks. E. for 1/4 sec. cor.
47.47 Int. S.B. of Los Alamos Rancho, 19 35 chs. N. 69 1/2° W.
of SE. cor. of same and cor. No. 2 of Rancho La Liebre and
set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound 4 1/2
ft. in dia. at base by 2 ft. in height and dug pits 24 x 18 x
12, 8 lks. dist. at 4 angles for cor. to frac. secs. 4 and 5.
Land mountainous, soil 1st and 2nd rate.
Timber and undergrowth of oak, chaparral and bunchgrass.
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From the cor. to secs. 7, 8, 17, 18, which I find standing
 and agreeing with field notes, I run
 North bet. secs. 7 and 8. Va. 14° 30' E.
 Ascend.
 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24 x 18
 x 12, 8 lks. E. for $\frac{1}{4}$ sec. cor.
 61.50 Top of spur brs. NW. and SE. and descend.
 80.00 Set post 4 in. sq. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pits
 24 x 18 x 12, 8 lks. dist. at 4 angles for cor. to secs. 5,
 6, 7, 8.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
 East on a random line bet. secs. 5 and 8. Va. 14° 30' E.
 Ascend.
 15.00 Top of ridge brs. NW. and E. along same.
 25.00 Descend.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 53.50 Cross ravine 5 lks. wide course N. and ascend.
 73.00 Top of ridge brs. N. & S. and along same.
 80.00 Int. N. & S. line at cor. to secs. 4, 5, 8 and 9, from which
 cor. I run
 West on a true line bet. secs. 5 and 8. Va. 14° 25' E.
 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
 8 lks. N. for $\frac{1}{4}$ sec. cor.
 80.00 The cor. to secs. 5, 6, 7 and 8.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak and bunchgrass.
 West on a random line bet. secs. 6 and 7. Va. 14° 30' E.
 Descend.
 5.00 Set temp. $\frac{1}{4}$ sec. cor.
 40.00 Cross ravine 10 lks. wide, course NW.
 44.50 Cross ravine 10 lks. wide course NW. and ascend.
 47.00 Int. W.B. of Tp. 12 lks. N. of cor. to secs. 6, 7, 1, 12,
 79.97 from which cor. I run
 N. 89° 55' E. on a true line bet. secs. 6, 7. Va. 14° 30' E.
 39.97 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound
 4 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
 8 lks. N. for $\frac{1}{4}$ sec. cor.
 79.97 The cor. to secs. 5, 6, 7, 8.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak and bunchgrass.
 North bet. secs. 5 and 6. Va. 14° 30' E.
 Ascend.
 4.75 Top of ridge brs. NE. and SW. and descend.
 40.00 Set post 4 in. dia. 1 ft. in earth 1 ft. above earth mound 4
 ft. in dia. at base by 2 ft. in height and dug pit 24x18x12,
 8 lks. E. for $\frac{1}{4}$ sec. cor. in low sag and ascend.
 42.50 Top of spur brs. NW. and SE. and descend.
 54.25 Cross near head of gulch 5 lks. wide, course NW. and ascend.
 77.21 Int. the S.E. of Rancho Los Alamos and set post 4 in. sq. 1 ft.
 in earth 1 ft. above earth mound 4 ft. in dia. at base by
 2 ft. in height and dug pits 24 x 18 x 12, 8 lks. dist. at 4
 angles for cor. to secs. 5, 6, from which cor. I run
 S. 69½° E. 85.21 chs. to cor. to frac. secs. 4 and 5.
 Land mountainous, soil 1st and 2nd rate.
 Timber and undergrowth of oak, chaparral and bunchgrass.
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 G.B.J. W. H. NORWAY