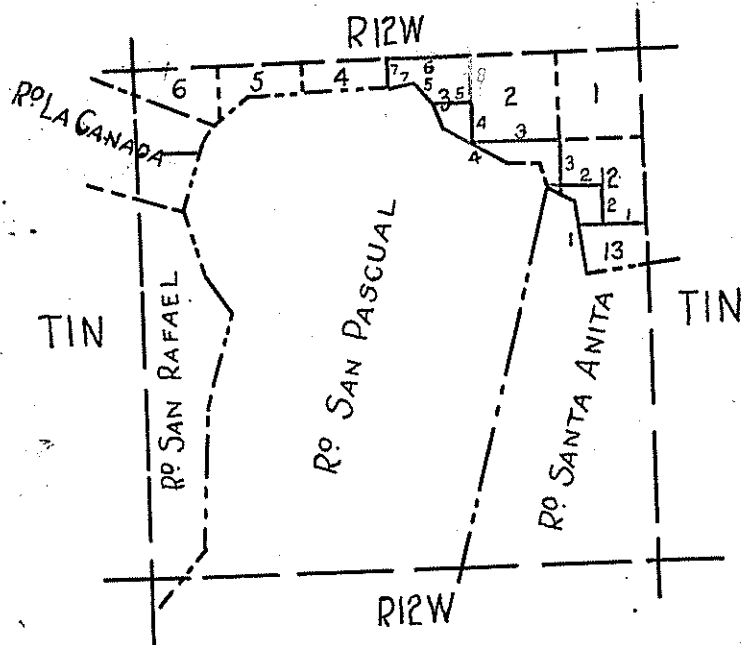


FIELD NOTES OF SURVEY OF
SECS. 2, 3, 10, 11, T.1 N., R. 12 W., S. B. M.
California



- Goldsworthy 1875
- Friel 1906

Surveyed by John Goldsworthy
Contract of 1875
Book 162, Vol. 31

T. 1 N., R. 12 W., S. B. M.

To find the Variation.

To determine the proper adjustment of my compass for subdividing this Township, I set my instrument on a post on the Range line of E. side of Sec. 13 at the intersection with the N. line of Santa Anita Rancho. I sighted to a fence on the Range line on the E. bdy. of Sec. 36. Magnetic bearing was S. 14 deg. 15' E. I then ran North on random along the E. line of Sec. 13. Va. 14 deg. 15' E.

30.58 To cor. to secs. 7, 18, 12, & 13, Int. old md. Then to retrace this line run parallel thereto, I must adjust my compass to a variation of 14 deg. 15' E.

West on true line bet. secs. 12 & 13.

Va. 14 deg. 15' E.

56.00 To a point near the intersection of the Santa Anita Rancho set temp. post. Not knowing the locality of the Station No. 15 of Rancho Santa Anita, I went to Station No. 14 & run thence S. 22 Deg. E. retracing Co. No. 15 of said Rancho.

Va. 14 deg. 15' E.

19.00 To Smith's house 6 chs. E. of line.

26.00 To road, Co. E. & W.

72.80 To a point from which station No. 15 of Rancho Santa bears due west. dist. 5 chs. Hence to connect Station No. 16 with Station No. 15 of Rancho Santa Anita, I must run N. 18 1/4 W. From Station No. 15, I run N. 18 1/4 W.

Va. 14 deg. 15' E.

Retracing Co. No. 15 of Ro. Santa Anita.

37.30

To int. of line bet. secs. 12 & 13 dist.
3.45 chs. W. from my temp. pt. at which pt. I
set a 2 x 4 in. post 4 ft. long in md. of rocks,
3 ft. dia. 2 ft. high for cor. to secs. 12 & 13,
making the whole dist. of this line 59.45 chs.

71.08

To station No. 15 of Ro. Santa Anita.

Land rolling. Soil 2rd rate.

From 1/4 sec. cor. bet. secs. 12 & 13.

North through sec. 12.

Va. 14 deg. 15' E.

40.00

To centre of sec. 12. Set post 4 in. dia., 4 ft. long
with charred stake on W. side, 1 ft. in ground and
raised md. of earth 4 1/2 ft. dia. 3 ft. high with
pits 18 ins. sq. & 12 in. deep. Thence West through
sec. 12.

Va. 14 deg. 15' E.

40.00

To line bet. secs. 11 & 12.

Set 1/4 sec. cor. post 3 x 4 ft. long, with charred
stake on W. side, 1 ft. in ground and raised md. of
rocks 3 ft. dia. 2 ft. high.

Land very hilly. Soil 3^d rate.

From N. W. cor. of RO. Santa Anita & Sta. No. 1 the
N. E. cor. of Ro. San Pasqual N. 55 deg. W. Retracing
said No. line.

Va. 14 deg. 15' E.

12.00 To line bet. secs. 11 & 12 Set post 4 in. dia. 4 ft. long, with charred stake on N. side, 1 ft. in ground, in md. of rocks, 3 ft. dia. 3 ft. high.

North bet. secs. 11 & 12

Va. 14 deg. 15' E.

1.15 To 1/4 sec. cor. bet. secs. 11 & 12

2.00 To base of hill on N.--. side of precipice canon Co. S.E.
Ascend.

27.00 To top of bluff Co. S.W.

41.15 To cor. to secs. 1,2, 11 & 12. Set post 4 in. dia. 4 ft. long, with charred stake on N. side, 1 ft. in ground & raised md. of earth & rocks 4 1/2 ft. dia. with pits 18 in. Sq. 12 in. deep
Could run no farther North or East from this point on account of the steep & broken character of the mountains.
Land hilly & broken. Soil 3d. rate.

T. 1 N., R. 12 W., S. B. M.

Sept. 9th, 1875

West bet. secs. 2 & 11.

Va. 14 deg. 15' E.

18.00 Enter precipice canon Co. S. 30 deg. E.

23.00 To W. side of canon Ascend.

30.00 To brow of canon on W. side. Enter flat.

40.00 To 1/4 sec. cor. bet. secs. 2 & 11. Set post 2 x 4 in 4 ft. long, with charred stake on W. side, 1 ft. in ground & raised md. of earth & rocks, 4 1/2 ft. dia. 3 ft. high with pits 18 in. Sq. & 12 in. deep.

80.00 To cor. to secs. 2, 3, 10 & 11. Set post 4 in.
dia. 4 ft. long, with charred stake on W. side,
1 ft. in ground & raised md. of earth & stone,
4 1/2 ft. dia. 2 ft. high with pits 18 in. Sq.
& 12 in deep.
Land rolling. Soil 2nd rate.

Sept. 10th, 1875

From Sta. No. 4 of No. San Pasqual N. 66 deg.
15' W. retracing said Rancho line

Va. 14 deg. 15' E.

41.00 Int. md. at cor. to secs. 2, 3, 10, 11.
Land gently ascending. Soil 2nd. rate.

North bet. secs. 2 & 3

Va. 14 deg. 15 E.

17.00 To base of spur.

19.00 " top " " Co. S. S. W.

21.00 Enter ravine Co. S. W.

28.00 To base of steep hills.

40.00 To 1/4 sec. cor. set 2 x 4 post 4 ft. long with
charred stake on N. side, 1 ft. in ground & raised
md. of earth and stone 4 1/2 ft. dia. 2 ft. high
with pits 18 in. Sq. & 12 in. deep. Could pro-
ceed no farther in this direction on account of
the steepness of the mountains.
Land rolling. Soil 3d. rate.

West on true line through sec. 3.

Va. 14 deg. 15' E.

20.00 To Jesus Marions Spring about 16 chs. W. of the line.
22.00 Enter canon Co. S.
34.00 To W. side canon. Ascend.
25.75 To brow of flat Co. S.
34.50 To Jesus Manon's house 7 chs. S. of line.
37.00 To center of ravine 3 chs. wide, Co. S. 25 deg. E.
40.00 To centre sec. 3 Set post 4 in. dia. 4 ft long, with
charred stake on W. side, 1 ft. in ground, raised
md. of rocks 4 1/3 ft. dia. & 3 ft. high.
Land rolling Soil 2nd rate.

From Sta. No. 6 No. San Pasqual retracing said No. line
N. 37 deg. 30' W.

Va. 14 deg. 15' E.

5.68 Int. N. & S. line through centre of sec. 3. set post
4 in. dia. 4 ft. long with charred stake on W. side
1 ft. in ground & raised md. with rocks, 3 ft. dia &
3 ft. high, thence North through sec. 3.

Va. 14 deg. 15' E.

2.81 To center post sec. 3.
14.00 " " of ravine 1 ch. wide Co. S. E.
18.00 To base of hills Co. N.W. & S.E.
26.00 " top of spur Co. S.W.
33.00 To centre of Day's Canon 1.50 chs. wide Co. S.W.
36.00 To Day & Graham house 3.50 chs. W. of line

40.00

To road at base of hill Co. S. W.

42.81

To N. line of township 1/4 sec. cor. N. side sec. 3.

Set 2 x 4 post 4 ft. long with charred stake on N. side 1 ft. in the ground and raised mound of rock 3 ft. dia. & 2 ft. high on N. side of rocky spur about 30 ft. up from the ravine. Land rolling, soil 2nd rate.

T. 1 N., R. 12 W., S. B. M.

Sept. 11th, 1875

West on random on the N. bdy of sec. 3.

Va. 14 deg. 15' E.

3.00

To top of spur Co. S.

11.00

To ravine " "

20.00

To spur " S.W.

27.00

To ravine " S.W.

30.00

To spur " S.W.

36.00

To ravine 3 chs. wide, co. S.W.

39.50

To spur Co. S. W.

40.00

To temp. cor. to secs. 2 & 3.

Land rolling. Soil 3rd. rate

S. 89 deg. 39' E. along N bdy of sec. 34.

Va. 14 deg. 15' E.

50.00

To cor. to secs. 3, 4, 32, 34, set post 4 in. dia. 4 ft. long with charred stake on W. side, 1 ft. in ground & raised md. of earth 4 1/2 ft. dia. 3 ft. high with pits 18 in sq. 12 in. deep from which a

Sycamore tree, 8 in. dia. bears S. 10 deg. W. dist.
78 lks.

S. 88 deg. 39' E. along N. bdy. sec. 3.

Va. 14 deg. 15' E.

40.00

To 1/4 sec. cor. bet. secs. 3 & 34.

South bet. secs. 3 & 4

Va. 14 deg. 15' E.

3.00

To base of hill Co. E. & W.

3.40

To well 4 lks. W. of line.

4.50

To house of Hobb, Orr & Bro. 4 lks. E. of line

13.00

To dry wash 50 chs. wide, Co. E. W.

20.25

To temp. point.

From Sta. No. 7 of Rr. San Pasqual retracing said

Rr. line S. 88 deg. W.

Va. 14 deg. 15' E.

21.50

To the Int. of the line bet. secs. 3 & 4 dist. 50 lks of
my temp. cor. set a post 4 in. dia. 4 ft. long with charred
stake on S. side, 1 ft. in ground & raised md. of stone
3 1/2 ft. dia. 3 ft. high for cor. to frac. secs. 3 & 4
making the land, descending. Soil 2nd rate.

Surveyed by Legrand Friel
Contract of 1905
Book 410.

Sub. T. 1 N., R. 12 W. S.B.M.

Chains

July 16. at 6 a.m., l.m.t., I lay off the azimuth of Polaris, 1 deg. 36.5' to the west and mark the meridian thus determined by driving a tack in the post set July 15th on which the meridian falls 0.2 ins. east of the mark, determined by the solar. At 8h.15m. a.m., l.m.t., I set off 34 deg. 12' N. on the lat. arc 21 deg. 38' N. on the decl. arc and mark a point in the meridian determined with the solar by a tack in the post already set 5 chs. N. of my station; this mark falls 0.3 ins. east of the meridian established by the Polaris observation.

The solar apparatus by p.m. and a.m. observation, defines positions for meridians, respectively about 0'10" west and 0'16" east of the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8h. 15m. a.m. is N. 14 deg. 31' W. The angle thus determined gives the magnetic decl. 14 deg. 31' E. From the 1/4 section corner between secs. 2 and 3. T. 1 N., R. 12 W., S.B.M. which is a redwood post 3 ft. long, 4 ins. sq. in mound of earth and stone, I mark the same 1/4 S. 2 on east and 1/4 S. 3 on W. faces; and raised a mound of earth and stone 3 1/2 ft. base, 1 1/2 ft. high W. of cor. Pits impracticable.

Thence I run North bet. secs. 2 and 3.

Ascending through dense undergrowth, scrub oak and white thorn.

2.15 Intersect line 2-3 of the Grace Lode Survey No. 4237 of the Monitor Consolidated Lode Claims 3.43 chs. east of cor. No. 3.

5.20 Ridge bears N. E. and S.W. Descend

7.10 Trail bears E. and W. Ascend

13.30 Spur bears E. Descend into Rubio Canon.

13.75 Trail bears E. and W.

24.87 Intersect line 1-4 of the Grace Lode Survey No. 4237 of the Monitor Consolidated Lode Claim, 3.43 chs. East of Cor. No. 4.

36.75 Rubio Canon 20 lks. wide, course west and ascend.
Rubio Pavillion East 1.25 chs.

27.28 P. E. Ry. Co's railroad track bears E. and W.

31.25 Incline railroad from Mt. Low to the Pavillion bears N. 28 deg. 00' W. and S. 28 deg 00' E.

40.00 Set temp. cor. of secs. 2, 3, 34 and 35 tps. 1 and 2 N., R. 12 W. To determine the point of intersection with the South boundary of the San Gabriel Forest Reservation and the North boundary of Township, I proceed to the W.C. for sections 2, 3, 34 and 35 and run S. 89 deg. 25' E. the witness 1/4 sec. cor. of secs. 2 and 35 being in sight.

13.45 Intersect N. and S. line bet. secs. 2 and 3 - 2.27 chs. south of my temp. cor. making said line 37. 73 chs. lg. At point of intersection, set a granite rock 10 x 12 x 30 ins. 22 ins. in the ground for cor. of secs. 2 and 3, T/1 N. R. 12 W., and secs. 34 and 35, T. 2 N., R. 12 W., marked with two notches on east and four ft. base 2 ft. high, south of cor. Fits impracticable.

Land, mountainous. Soil, rocky, 4th rate.

Undergrowth, scrub oak and white thorn.

Mountainous land, 37.73 chs.

-----July 16, 1906