

FIELD NOTES

T. 1 N., R. 15 W.

by

H. Washington (1852)

Base line by offset lines thru
Sections 19, 20, 21, 22, 25, 26, 27,
28, 29, 30, 31 and 36.

Copied from notes loaned by J.M.Tate

$\frac{R/16W.}{R/15W.}$								$\frac{R/15W.}{R/14W.}$	
24	19	20	21	22	23	24	19		
25	30	29	28	27	26	25	30		
36	31	32	33	34	35	36	31	T. 1 N	

LINES NORTH OF SAN BERNARDINO BASE LINE,

Being through T. 1 N., R. 15 W.

-
- 18 50 West through open wavy prairie, rich.
 - 36 50 To branch 8 lks. wide shallow, course SE.
 - 43 00 Crossed road from Los Angeles to Santa Barbara, course S. 20° E.
 - 57 00 To deep gully 30 lks. wide course NE, with small stream 3 lks. wide.
 - 60 50 Cross wagon road course NE.
 - 61 96 Descend high bluff.
 - To the E. boundary of T. 1 N., R. 15 W., being 139 chs. 12 lks. or 1 mile 59 chs. 12 lks. N. of the San Bernardino Base line, at which set post whence bear Willow S. 60° E. 45 lks., T. 1 N., R. 14 W., S. 30, 28 ins. dia.
 - Willow S. 28° W. 78 lks. T. 1 N., R. 15 W. S. 25, 23 in. dia.

NOTE: From the last post ran through T. 1 N, R. 15 W. on offset lines as follows:

- 1 00 WEST 1st mile through T. 1 N., R. 15 W. Var. 13° 43' E.
- 10 00 Crossed branch 5 lks. wide course NE.
- NOTE: This branch runs through a deep gully bank about 10' high.
- 10 00 Set temporary stake at A., and ran SOUTH the most eligible point found to reach the San Bernardino Base line.
- SOUTH from Point A.
- 1 70 To branch 5 lks. wide course NE.
- 6 50 Cross road course NE, not much traveled.
- 14 00 Cross another road nearly east, nearly overgrown.
- 23 00 To foot of high hills, general course nearly N. 85° E. Prairie
- 45 00 To growth of small walnut.
- 80 50 To thick bushy scrub hills.
- 112 30 To top of high hill.
- 116 65 Set charred stake and sycamore, charred post, on south side of hill, marked T 1 N, R 15 W, S 36., from which bears
- Swamp dogwood, S. 84° E. 38 lks., 5 in. dia.
- do , N. 38° W, 37 lks., 6 in. dia. both marked with same numbers as the post.

NOTE: Finding it entirely impracticable to proceed farther to the southward in any direction from this point owing to the ruggedness of the mountains, returned to temporary stake at A., 10 chs. west of range line between ranges west 14 and 15, and continued west through T 1 N, R 15 W.

- 53 26 To small branch 4 lks. wide (in a deep wide gully), course SE.
- 80 00 Set temporary stake one mile west of range line between Rs 14 & 15.
- WEST 2nd mile, through T 1 N, R 15 W.
- 73 00 From level to rolling prairie.
- 80 00 Set temporary mile stake.
- WEST 3rd mile, through T 1 N, R 15 W.
- 40 00 Stake. January 7, 1853.
- Thence ran NORTH. In Prairie Hill.
- 10 00 To level, rich prairie.
- 20 88 Set stake, thence continue the offset base line due WEST on Sec. line on 3rd Mile.
- 40 00 Set 3rd mile stake, being 3 miles W. of range line between 14 & 15.
- WEST 4th mile, through T 1 N, R 15 W.
- 80 00 Set 4th mile stake.
- WEST 5th mile, through T 1 N, R 15 W.
- 26 00 Cross ravine, dry (runs a short distance above), 10 lks. wide, course north to hills.
- NOTE: At this point ascertained the variations of the needle on the night of the 8th January, 1853, by celestial observation - taking the North Star on the meridian; found the variation to correspond with my lines run through R 15 W., to wit: 13° 43' E.
- 36 00 Set walnut stake, in Walnut hills.
- Thence due NORTH.
- 10 00 From Black Walnut Hills to wavy prairie

20 00 Set stake, in prairie, being 2 miles 20 chs. N. of San Bernardino
 Base line, thence due WEST, 5th mile through T 1 N, R 15 W. continued.
 44 00 Set 5th mile stake.
 WEST 6th mile, through T 1 N, R 15 W.
 6 00 To high Walnut Hills, estimated height 200 feet.
 38 00 From Walnut Hills to Prairie Valley.
 47 50 Crossed dry ravine, gully about 10 feet deep, 30 lks. wide, course
 north to wavy prairie.
 56 00 Set temporary stake at point A., being 5 miles 56 chs. west of range
 line between ranges 14 and 15 and 2 miles 20 chs. north of the San
 Bernardino Base line and east margin of prairie.
 Thence ran due SOUTH through prairie.
 SOUTH.
 21 50 Crossed dry ravine (runs above, 10 lks. wide), course NE.
 37 00 To bushy high hills, mountain range.
 51 00 Cross small branch 3 lks. wide, course NW.
 80 00 Set stakes. 8 January, 1853.
 SOUTH 2nd mile.
 2 60 Crossed branch, pure water, 3 lks. wide, course NW.
 40 50 Set stake on top of high hill, and compelled to run, (owing to rough
 hills) due west.
 WEST, surface rough.
 24 00 To range line between ranges 15 and 16 at which point set a stake
 being 59 chs. 50 lks. N. of the San Bernardino Base line (the range
 line running north, passes through a range of hills, which cannot,
 in my opinion, be run and measured with a reasonable degree of
 accuracy). From the last stake set ran due SOUTH on line between
 ranges 15 and 16.
 21 00 Set stake and compelled from extreme ruggedness of the mountain, to
 run due WEST.
 3 00 Thence over a very narrow ridge, S. 10° W.
 20 00 Thence due South.
 18 80 To San Bernardino Base line 6 chs. 47 lks. West of corner to ranges
 15 and 16 W.
 Thence along said line WEST.
 1 00 Cross dry, sandy ravine, runs above and below, 20 lks. wide, general
 course apparently due south.
 1 30 Set walnut post, being in a narrow pass of the mountains, 7 chs. 77 lks.
 West of SE. of T 1 N, R 16 W. (the township corner being in rough
 high hills, could not be reached), whence bears
 Sycamore N. 2° 30' E. 43 lks. 21 in. dia.
 Sycamore S. 84° W. 154 lks. 12 in. dia.
 Post and bearing trees marked
 T 1 N R 16 W S 36, T 1 S R 16 W S 1.
 The San Bernardino Base line could not be continued West with accuracy,
 was therefore compelled to return to a stake at A. 5 miles 56 chs. W.
 of range line between ranges 14 and 15, and continue WEST on 6th mile
 through 1 N, R 15 W.
 80 00 Set walnut stake on W. boundary of township 1 N, R 15 W. from which
 bears
 Black Walnut S. 42° 30' W. 130 lks. 10 ins. dia. marked
 T 1 N R 16 W S 24.
 Then due NORTH on range line between 15 and 16.
 36 50 Leave walnut hills, to level rich prairie.
 40 00 Set charred stake, (from this post Mexican Rancho, name unknown bears
 N. 61° E.) and post in mound of earth marked T 1 N R 15 W S 19 and
 T 1 N R 16 W S 24, from which the center of 4 pits bear N 10 lks,
 S 10 lks., E 10 lks. W. 10 lks., being 2 miles 60 chs. North of the San
 Bernardino Base Line.
 Thence along the valley through T 1 N, R 16 W., due WEST through
 prairie.

 By H. Washington, Deputy Surveyor,
 Contract of October 4, 1852.

NORTH of the San Bernardino Base Line, East boundary of
T 1 N, R 16 W. Var. 13° 43' E.
January 27, 1853.

Beginning at a post and mound established at 2nd mile, 60 chs. N.
of the San Bernardino Base Line (see page 17, Book 4,) from which
Mexican Rancho bears N. 61° E.

There is also a mineral spring near on a line between this corner
and the rancho. Thence ran through prairie.

SOUTH between ranges 15 and 16, and Sections 19 and 24.
To hills.

3 50
11 50 Mexican Rancho bears N. 31½° E. Mineral Spring N. 37° E. about 16 chs.
20 00 Set Walnut ¼ section post, whence bears

Black Walnut N. 57° E. 283 lks. 9 ins. dia.

Black Walnut S. 52° W. 78 lks. 8 ins. dia.

40 00 A post (see page 17, Book No. 4).

48 00 To open prairie, near west margin.

55 00 To steep hills.

60 00 Set post corner to sections 19 and 30, T 1 N, R 15 W., S. 24 and 25,
T 1 N, R 16 W. from which bears

Red Oak N. 1° E. 256 lks. 23 in. dia.

Scrub Oak S. 2° 15' W. 11 80 lks. 5 in. dia.

Red Oak S. 0° 15' E. 1240 lks. 60 in. dia.

No other bearing convenient.

Last 60 chs. mostly rolling and hilly with a scattering growth of
black walnut and occasionally, an evergreen scrub red oak.

SOUTH on 5th mile, range line between Rs 15 & 16 and Secs. 25 & 30.
To rolling prairie near the west margin.

1 00
5 00 Leave prairie to bushy hills.

15 52 Set charred stake and post, from which

Red Oak N. 1° E. 310 lks., marked T 1 N, R 15 W, S 30

No other bearing found.

Last 15.52 chs. rolling, 2nd rate prairie and rugged scrub hills.

Unable to continue the line on account of the great ruggedness of
the mountain range.

NOTE: See Book No. 4, pages 16 & 17 for a part of the 6th mile
south on this range line run to the San Bernardino Base line by offsets
January 29, 1855.

29th January, 1853.

Var. 13° 43' E.

Beginning at a post on the E boundary of T 1 N, R 15 W. 139 chs.

12 lks. N of San Bernardino Base Line (see notes of this on page 11
Book No. 4) and ran due SOUTH on 5th mile of the E boundary T 1 N,
R 15 W. S 25.

1 10 Rose high bluff, about 10 ft. high, to right.

6 20 Cross road E & W, leading from Los Angeles to Santa Barbara, open prairie

19 12 Walnut ¼ section post, whence bears

Black Walnut S. 0° 30' E. 23 chs., 12 in. dia.

Black Walnut S. 1° 15' W. 23 chs. 86 lks., 8 in. dia.

40 00 Crosses prairie, to rich walnut hills.

59 12 Set post, corner to secs. 25 & 36, T 1 N, R 15 W, Secs. 30 & 31
T 1 N, R 14 W. From which bears

Evergreen red Oak N. 39° 30' E. 56 lks. 12 in. dia.

Evergreen red Oak N. 72° W. 128 lks. 17 in. dia.

Black Walnut S. 74° W. 123 lks. 5 in. dia.

No other bearing convenient.

Last 59 chs. 12 lks. moderately wavy, 2nd prairie, & 2nd rich, hilly.
Black Walnut and very scattering evergreen red oak.

SOUTH 6th mile, on E boundary of T 1 N, R 15 W.

20 80 Crossed branch 4 lks. wide, course NE.

27 50 To rugged mountain, unable to measure the line any farther with the
necessary accuracy. Set oak post from which bears

Scrub evergreen red oak N. 1° W., 52 lks. 5 in. dia.

Scrub evergreen red oak S. 38° E. 21 lks. 7 in. dia.

Last 27.50 chs. hilly, 2nd and 3rd rate. Last 6 chs. 70 lks. bushy
with wild sage bushes, the growth being entirely small and scrubby.

January 29, 1853

By Henry Washington, Deputy Surveyor, Contract of October 4, 1 852

Department of the Interior
Office of the Surveyor General,
San Francisco, California.
August 5th, 1914.

I, Frank H. Gould, U. S. Surveyor General for California, do hereby certify that the annexed transcript is a full, true and correct copy of the field notes of part of the exterior lines and offset lines, of T 1 N, R 15 W, S. B. M., California, Surveyed by Henry Washington, Deputy Surveyor, under contract of October 4th, 1852, as the same remain on file and of record in this office.

WITNESS my hand and official seal, hereunto set, the day and date above written.

(Signed) Frank H. Gould.

United States Surveyor General
for California.

SEAL