

FIELD NOTES OF SURVEY OF
 East and West Boundaries
 and
 Interior Section Lines
 of
 Township 4 North, Range 9 West, S.B.M.

 Copied from Certified Photographic Copy
 received from General Land Office,
 December, 1921

	R.10W.	R.9W.					R.9W.	R.8W.	
	36	31	32	33	34	35	36	31	
									T.5 N.
	1	³⁵ 6 ₄₄	⁴⁴ 5 ₄₄	434	413	162	111	6	T.4 N.
	12	³⁰ ³⁵ 7 ²⁹	8	⁴³ 429	¹⁶ 420	¹⁵ 1511	¹⁰ 1012	7	
	13	²⁹ ³⁸ 18	²⁷ 281730	⁴² 27 16	²⁰ 2015	¹⁴ 1414	⁹ 91310	18	
	24	²⁷ ³⁸ 19	²⁶ 252022	²³ 21	¹⁹ 1822	¹³ 1323	⁸ 824 ₄₀	19	
	25	²⁵ ³⁷ 30	²⁵ 2429	²² 2128	¹⁸ 1727	¹² 1226	⁷ 725 ₄₀	30	
	36	⁵ ³⁶ 31	⁵ 2332	⁴ 2133	⁴ 1734	³ 1235	² 636 ₃₉	31	
									T.4 N.
	1	6	5	4	3	2	1	6	T.3 N.

Red - Legrand Friel - Contract dated Feb. 10, 1900
Blue - Henry Hancock - Contract dated Feb. 15, 1855

PRELIMINARY OATHS OF ASSISTANTS.

We, Charles H. Jennings and Charles B. Hubbs do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Subdivision of T. 4 N., R. 9 W., S. B. M.

C. H. Jennings, Chainman.

Chas. B. Hubbs, Chainman.

Subscribed and sworn to before me this 5th day of May 1900.

O. S. Bulkley

Justice of the Peace in and for

Los Angeles Co., Cal.

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I, W. H. Ogden do solemnly swear that I will well and truly perform the duties of axmen, in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the subdivision of T. 4 N., R. 9 W., S. B. M.

W. H. Ogden, Axman.

Subscribed and sworn to before me this 5th day of May 1900.

O. S. Bulkley, Justice of the
Peace in and for Los Angeles
Co., Cal.

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I, Grant Friel, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, and to the best of my skill and ability, in the survey of the subdivision of T. 4 N., R. 9 W., S. B. M.

Grant Friel, Flagman.

Subscribed and sworn to before me this 5th day of May 1900

O. S. Bulkley, Justice of the
Peace in and for Los Angeles
Co., Cal.

Subdivision of T. 4 N., R. 9 W.

Survey commenced May 7th, 1900 and executed with a Reech Transit No. the horizontal limb is provided with two verniers placed opposite to each other and reading to twenty seconds of arc. I examined the transit and found it to be in correct adjustment in all its parts. As the point of beginning is located in the mountains some four miles dist. from a desirable camping place and in a canon, course E. and W. in which no meridian of sufficient length could be established, I therefore determined and marked a true meridian as follows:

At the cor. of secs. 8, 9, 16 and 17, T. 4 N., R. 9 W., S. B. M. in latitude $34^{\circ} 26'$ N., Longitude $117^{\circ} 50'$ W. at 10h. 17h. May 7th, 1900 standard time, I observe Polaris at lower culmination and mark the point in the line thus determined by a tack driven in a wooden plug set in the ground 5 chs. North.

May 7th, 1900.

May 8th, at 6 A.M. the magnetic bearing of the true meridian determined last night is N. $14^{\circ} 40'$ W., which reduced by the table page 100 of the Manual gives mean magnetic declination $14^{\circ} 33'$ E.

From the cor. of secs. 25, 36, 30 and 31 on E. bdy. of Tp. I run West bet. secs. 25 and 36, along S. slope of mountains.

40.00

Set an oak post 3 ft. long, 4 ins. sq., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 36, marked $\frac{1}{4}$ S. on N. and $\frac{1}{4}$ S. 36 on S. faces; from which An oak 4 ins. in diam., bears N. 17° E., 76 lks. dist., marked $\frac{1}{4}$ S. 25 B. T. Pits impracticable.

75.00
80.00

Descend into steep rocky canon. As the point for cor. fall on steep side hill, not a suitable place for cor. I set an oak post 3 ft. long, 4 ins. sq. in large mound of rock, for witness cor. to secs. 25, 26, 35 and 36, 5.20 chs. E. marked W. C. T. 4 N., S. 25 on N. E., R. 9 W., S. 36 on S. E., S. 35 on S. W. and S. 26 on N. W. faces, with 1 notch on S. and 1 notch on E. edges; from which a pine 18 ins. in diam., bears S. 5° W., 33 lks. dist., marked W. C. T. 4 N., E. 9 W., S. 35 B. T. An oak 10 ins. in diam. bears N. 16° W., 31 lks. dist., marked W. C. T. 4 N., R. 9 W., S. 26 B. T. Pits impracticable.

Land, mountainous.
Soil, rocky 4th rate.
Timber oak and pine.
Mountainous land 80.00 chs.

Subdivision of T. 4 N., R. 9 W.

West bet. secs. 26 and 35.

Descending.

7.00
14.00
40.00

Ravine, 10 lks. wide, course S. 20° W. and ascend.

Summit of spur, course S. 20° W. and descend.

As the point for the $\frac{1}{4}$ sec. cor. falls on steep hill side not a suitable place for a cor., I continue and at Ravine, 20 lks. wide, course S. 10° W.

49.50
50.95

Set a pine post, 3 ft. long, 4 ins. sq., in mound of rock, for W. C. to $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35, marked

W. C. to $\frac{1}{4}$ S. 26 on N. and

$\frac{1}{4}$ S. 35 on S. faces, from which

A granite boulder 4 ft. in diam., bears N. 1° E., 30 lks. dist., marked with a cross and $\frac{1}{4}$ S.

A pine 8 ins. in diam., bears S. 76° E., 23 lks. dist., marked W.C. $\frac{1}{4}$ S. 35 B.T.

Thence ascending.

60.00
80.00

Summit of spur, course S. and descend.

Set a manzanita post 3 ft. long, 4 ins. sq., 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35, marked

T. 4 N., S 26 on N. E.,

R. 9 W., S 35 on S. E.,

S. 34 on S. W. and

S. 27 on N. W. focus, with 1 notch on S. and 2 notches on E. edges; from which a cross on a boulder having 5 sq. ft. of surface bears N. 50° 30' E. 10 lks. dist.

An oak 4 ins. in diam., bears S. 77° 45' E., 77 lks. dist., marked T.4 N., R.9 W., S. 35 B.T.

A pine 8 ins. in diam., bears S. 80° W., 26 lks. dist. marked T. 4 N., R. 9 W., S. 34 B.T.

A manzanita 8 ins. in diam., bears N. 7° 30' W., 42 lks. dist., marked T.4 N., R.9 W., S. 27 B.T.

Land, mountainous.

Soil, 4th rate.

Timber scattering pine and oak.

Mountainous land 80.00 chs.

June 29th, 1900.

West bet. secs. 27 and 34.

Descending.

3.50

Foot of mountains, thence across canon, densely covered with an undergrowth of willows.

4.50

Road to mine in wash 1 ch. wide, course N. 70° W. and S. 70° E.

9.00

Fence N. 40° W. and S. 40° E.

19.00

Leave dense undergrowth of willows and ascend hill, covered with a dense undergrowth of brush.

22.00

Summit of same course N. and S. and descend.

24.00

Foot of hill.

25.00

Pugh's house, 2.50 chs. North, thence along S. side of canon.

40.00

Set an oak post 3 ft. long, 4 ins. sq., with a marked

Subdivision of T. 4 N., R. 9 W.

stone 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. bet. secs. 27 and 34, marked
 $\frac{1}{4}$ S. 27 on N. and
 $\frac{1}{4}$ S. 34 on S. faces; raised a mound of rock 3 ft. base and 2 ft. high, North of cor.
Thence ascending.
Summit of spur, course N. 30° W. and descend.
Set an oak post 3 ft. long, 4 ins. sq., in mound of rock for cor. to secs. 27, 28, 33 and 34, marked
T. 4 N. S. 27 on N. E.,
R. 9 W., S. 34 on S. E.,
S. 33 on S.W. and
S. 28 on N.W. faces, with 1 notch on S. and 3 notches on E. edges; from which
A manzanita 8 ins. in diam., bears N. 63° W., 39 lks. marked T. 4 N., R. 9 W., S. 28 B.T.
Pits impracticable.
Land, mountainous and sloping.
Soil, 3rd rate.
Timber none.
Mountainous land and dense undergrowth 80.00 chs.

West bet. secs. 28 and 33.
Descend.
Foot of mountain.
Enter rocky bed of the South Fork of Big Rock Creek, course North.
West bank of South Fork, course N. and ascend.
Set a pine post 3 ft. long, 4 ins. sq., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. bet. secs. 28 and 33, marked
 $\frac{1}{4}$ S. 28 on N. and
 $\frac{1}{4}$ S. 33 on S. face, from which
A pine 14 ins. in diam. bears N. 40 $\frac{1}{2}$ ° E. 65 lks. dist., marked $\frac{1}{4}$ S. 28 B.T.
A pine 14 ins. in diam. bears S. 46° 15' E. 68 lks. dist., marked $\frac{1}{4}$ S. 33 B. T.
Summit of spur, course N. 20° E. and along N. slope of high mountain.
Drive a pine post 3 ft. long, 4 ins. sq. in crevasse in ledge of rocks for cor. of secs. 28, 29, 32 and 33, marked
T. 4 N., S. 28 on N.E.,
R. 9 W., S. 33 on S. E.,
S. 32 on S. W. and
S. 29 on N.W. faces, with 1 notch on S. and 4 notches on E. edges; from which
A pine 24 ins. in diam., bears N. 49° W., 13 lks. dist., marked T. 4 N., R. 9 W., S. 29 B.T.
A mountain mahogany 8 ins. in diam., bears S. 74° 45' W., 34 lks. dist., marked T. 4 N., R. 9 W. S. 32 B.T.
Raised mound of rock around cor.
Land, mountainous and rocky bed.
Soil, rock 4th rate.
Timber pine and oak.
Mountainous land 70.00 chs.

June 21st, 1900.

Subdivision of T. 4 N., R. 9 W.

- West bet. secs. 29 and 32 along N. slope of high mountain.
 0.50 Head of ravine, course N. 45° W.
 26.00 Descend into rocky canon.
 35.50 Rocky bed of canon, 2 chs. wide, course N. 20° E. and ascend high rocky mountain.
 40.00 Point for $\frac{1}{4}$ sec. cor. falls on side of steep rocky bluff not a suitable place for cor. I set a sycamore post 3 ft. long, 4 ins. sq. in mound of rock, 3 chs. East for witness cor. to secs. cor. bet. secs. 29 and 32, marked
 W. C. $\frac{1}{4}$ S. 29 on N. and
 $\frac{1}{4}$ S. 32 on S. face, from which
 A pine 5 ft. in diam., bears S. 43° 15' E. 109 lks.
 dist., marked W. C. $\frac{1}{4}$ S. 32 B. T.
 Pits impracticable.
 77.00 Summit of high ridge, course N. 35° E. and S. 35° W. and descend.
 80.00 Set an oak post 3 ft. long, 4 ins. sq., in large mound of rock for cor. to secs. 29, 30, 31 and 32, marked
 T. 4 N., S. 29 on N. E.,
 R. 9 W., S. 32 on S. E.,
 S. 31 on S. W. and
 S. 30 on N. W. faces, with 1 notch on S. and 5 notches on E. edges; from which
 A pine 2 ft. in diam., bears S. 22° W. 165 lks.
 dist., marked T. 4 N., R. 9 W., S. 31 B. T.
 A pine 16 ins. in diam., bears N. 80° W. 60 lks.
 dist., marked T. 4 N., R. 9 W., S. 30 B. T.
 Pits impracticable.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber pine.
 Mountainous land 80.00 chs.
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- West bet. secs. 30 and 31.
 Descending into deep canon.
 19.50 Ravine, 50 lks. wide, course N. 20° E. and ascend steep rocky mountains.
 40.00 Point for $\frac{1}{4}$ sec. cor. falling on steep side hill not a suitable place for cor. I set a pine post 3 ft. long, 4 ins. sq. in large mound of rock, 90 lks. West for witness cor. bet. secs. 30 and 31, marked
 W. C. $\frac{1}{4}$ S. 30 on N. and
 $\frac{1}{4}$ S. 31 on South face.
 Pits impracticable.
 41.25 Summit of spur, course N. and descend.
 65.50 Ravine, 30 lks. wide, course N. 15° E., and ascend steep loose rock mountain.
 81.32 Intersect W. bdy. of Tp. 20 lks. N. of cor. of secs. 25 and 30, 31 and 36, as the intersection is in such close proximity to the cor. already established, I run from said established cor.
 N. 89° 51' E. on a true line bet. secs. 30 and 31, and at
 40/42 Move the W. C. of the $\frac{1}{4}$ sec. cor. bet. secs. 30 and 31 previously described 10 lks. South I destroy old mound and re-establish same around new cor. Pits impracticable.

Subdivision of T. 4 N., R. 9 W.

81.32 The cor. of secs. 29, 30, 31 and 32.
Land, mountainous.
Soil, rock, 4th rate.
Timber pine.
Mountainous land 81.32 chs.

From the cor. of secs. 25, 26, 35 and 36.
S. 0° 01' E. bet. secs. 35 and 36.
Descending.
26.00 Road, course N. 85° W. and S. 85° E.
30.00 Big rock creek, 1 ch. wide, dry, course N. 80° W. and
ascend.
An oak 5 in. in diam. for $\frac{1}{4}$ sec. cor. bet. secs. 35 and
36, marked
 $\frac{1}{4}$ S. 36 on E. and
 $\frac{1}{4}$ S. 35 on W. side; from which
An oak 5 ins. in diam., bears N. 60° E., 6 lks. dist.
marked $\frac{1}{4}$ S. 35 B. T.
51.00 Summit of ridge, course N. 65° W. and S. 65° E. and
descend.
64.50 Ravine, 10 lks. wide, course W. and ascend.
73.12 Intersect S. Bdy. of Tp. 1.65 chs. S. 89° W of cor. of
secs. 1 and 2, set an oak post 3 ft. long, 4 ins. sq.,
24 ins. in the ground, for closing cor. of secs. 35 and
36, marked
O. C. T. 4 N., R. 9 W. on N.,
S. 36 on E. and
S. 35 on W. faces, with 1 groove on East and 5
grooves on West edges; from which
A pine 4 ft. in diam., bears N. 61° W., 106 lks.
dist., marked O. C. T. 4 N., R. 9 W., S. 35 B.T.
An oak 8 ins. in diam., bears S. 37° W., 24 lks.
dist. marked O. C. T. 4 N., R. 9 W., S. 35 and 36
B. T.
Land, mountainous.
Soil, 4th rate.
Timber, scattering pine.
Mountainous land 73.12 chs.

From the cor. of secs. 25, 26, 35 and 36.
N. 0° 01' W. bet. secs. 25 and 26.
Ascending.
5.00 Summit of spur, course S. 45° W. descend.
10.50 Ravine, 10 lks. course S. 70° W. and ascend.
40.00 Set a pine post 3 ft. long, 4 ins. sq., 24 ins. in the
ground on summit of ridge, course N. 70° W. and S. 70° E.
for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26, marked
 $\frac{1}{4}$ S. 25 on E. and
 $\frac{1}{4}$ S. 26 on W. faces; from which
A pine 16 ins. diam., bears S. 42 $\frac{1}{2}$ ° E., 70 lks. dist.
marked $\frac{1}{4}$ S. 25 B. T.
A pine 12 ins. in diam., bears S. 75° W., 15 lks. dist.
marked $\frac{1}{4}$ S. 26 B. T.
Thence descending.