

Platt #2882

UNDER ACT OF CONGRESS OF MAY 10, 1872

F I E L D N O T E S

of the Survey

of the

T A M A L P A I S C O N S O L I D A T E D O I L

CLAIM, CLAIMED BY

The Pacific Coast Oil Company

in

San Fernando Petroleum Mining District

Los Angeles County.

Township No. 3 North, Range No. 16 West, San

Bernardino Base and Meridian, State of California.

Survey Made by W. F. Mc Clure,

U. S. Deputy Mineral Surveyor.

Under Instructions Dated March 5, 1889

Survey Begun April 15, 1889

Survey Completed April 25, 1889.

FIELD NOTES OF THE SURVEY OF THE TAMALPAIS CONSOLIDATED OIL CLAIM

Course Chains

Beginning at the point for the quarter section corner between sections 16 and 17, township No. 3 north, range No. 16 west, San Bernardino Base and Meridian, on steep west slope where a corner will not stand, from which point

A live oak tree 26 inches diameter marked "1/4 S." W.C. for witness to said quarter corner bears N. 0° 25' E., 156 links distant and running

thence

1 N. 89° 35' W.

on true courses. The variation of the magnetic needle being 14° 35' east

20.00
or
1320 ft.

To a 4 x 4 redwood post, marked "S 7" on the north side and "T 5" on the east side for station 5 of the the "Tamalpais" Location, in a mound of sandstones, the same being the original location corner from which

A sycamore tree 8 inches diameter bears N. 49° 30' E., 9 1/2 links distant thence

2	Course N.0°25'E.	Chains 16.20 or 1069.2 ft.	<p>To a 4 x 4 redwood post, marked "T" on the northwesterly side "S 6" on the southwesterly side and "T 6" on the south side for station 6 of the "Tamalpais Location in a mound of sandstones, the same being the original location corner, from which station 3 of the "Towsley Petroleum Mine" as per official survey, bears S. 26° 30' W., 87 links distant.</p> <p>A sycamore tree 21 inches diameter bears N. 74° 30' E. 28 links distant,</p> <p>Thence</p>
3	N.26°30'E.	21.84 or 1441.4 ft.	<p>Along the southeasterly boundary of the "Towsley Petroleum Mine" as per official survey.</p> <p>To a 4 x 4 redwood post, marked "W 2" on the southwest side for station 2 of the "Towsley Petroleum Mine" and "T 7" on the NW. and SE. side for station 7 of the "Tamalpais" location in a mound of shale and earth, the same being the original location corner, from which</p> <p>A live oak tree 20 inches</p>

Course	Chains.	
		"W.2" diameter marked "B.T" bears S. 63° 30' E., 289 links distant.
		Thence
4	N.63°30'W.	Along the northeasterly boundary line of the "Towsley Petroleum Mine" as per official survey.
	9.80 or 646.80 ft.	To a 4 x 4 redwood post marked "T" on the southwesterly side, "D 12" on the northwesterly side for station 12 of the "Diablo" location and "T 8" on the south- easterly side for station 8 of the "Tamalpais" location, in a mound of sandstone on the line between sections 8 and 17, and from which
		The established corner to sections 8, 9, 16 and 17 bears S. 89° 35' E., 19.22 chains distant.
	26.39 or 1741.7 ft.	To a 4 x 4 redwood post marked "W 1" on the SE. side for station 1 of the "Towsley Petroleum Mine" and "D 11" on the SW. and NE. sides for station 11 of the "Diablo" location, in a mound of sandstone on the eastern point of a ridge;

Course Chains

the same being the original location corner, the original corner of the "Towsley Petroleum Mine" a sandstone 10 x 9 x 5 inches, marked "W 1" being on top of mound

Thence

5

S.26°30'W.

Along the northwesterly boundary of the "Towsley Petroleum Mine" as per official survey.

4.71
or
310.9 ft.

To a 4 x 4 redwood post marked "T 1" on the south side for station 1 of the "Temple Oil Mine" and "D 10" on the north side for station 10 of the "Diablo" location in a mound of shale, in a large bed of shale, the same being the original location corner. and from which

A walnut tree 12 inches in diameter marked "A" one of a clump of seven walnut trees bears S., 268 links distant.

Thence

6

N.0°25'E.

12.46
or
822.4 ft.

To a 4 x 4 redwood post, marked "T 2" on the south side for station 2 of the "Temple Oil Mine" and "D 9" on the west side for

Course	Chains	
7	N.89°35'W. 33.23 or	for station 9 of the "Diablo" location, in a mound of earth and gravel on a high rocky spur sloping eastwardly to the "Narrows" in "Towsley Canon" the same being the original location corner. Thence
	2193.2 ft.	To a redwood post marked "E 2" on the west side for station 2 and SE. corner of the "Encino" location "T" on the south side and "D 8" on the N. and east side for station 8 of the "Diablo" location in a mound of earth, the same being the original location corner and station 2 of the "Encino" location.
	55.23 or	3645.18 ft. To a 4 x 4 redwood post marked "T 3" on the east and south side for station 3 on the "Temple Oil Mine" and "E" on the north side in a mound of earth.
	90.76 or	5990.2 ft. To a 4 x 4 redwood post marked "R 3" on the NW. side and "E 3" on the northeast side for station 3 and SW. corner of the "Encino" location, in a mound of earth on

	Course	Chains	
8	N.0°25'E.	16.20 or 1069.20 ft.	steep brushy NE. slope, the same being the original location corner. Thence To a 4 x 4 redwood post marked "R" on the west side, and "E" on the east side, in a mound of sandstones and earth, on high ridge bearing east and west.
		21.51 or 1419.7 ft.	To a similar post, marked "C 8" on the NE. side for station 8, and SW. corner of the "Camuelos" Oil Mine "R" on the west side, and "E 4" on the SE. side for station 4 of the "Encino" location in a mound of sandstones and earth on the east slope of spur the same being the original location corner. Thence
9	S.89°35'E.	42.48 or 2803.7 ft.	Along the south boundary of the "Camuelos" Oil Mine, as per official survey. To a 4 x 4 redwood post, marked "C 7" on the NW. side for station 7 of the "Camuelos" Oil Mine and "E 5" on the NE. and SW. sides for station 5 of the "Encino" location in a mound of earth

Course	Chains	on the grassy north slope of "Wilson Hill" the same being the original location corner and from which
10	N. 0° 25' E.	A live oak tree 28 inches diameter bears S. 6° W., 99½ links distant Thence Along the east boundary of the "Camuelos" Oil Mine, as per official survey. To a 4 x 4 redwood post, marked "C 6" on the west and south sides for station 6 of the "Camuelos" Oil Mine "A" on the north side and "E 6" on the east side for station 6 of the "Encino" loca- tion, in a mound of shale on north slope of shale spur, the same being the original location corner and from which A live oak tree 20 inches diameter bears N. 80° E., 11 links distant. A live oak tree 20 inches diameter bears N. 21° 30' W. 12 links distant Thence
11	S. 89° 35' E.	Along the south boundary of the "Alameda" Oil Mine, as per offi-

Course Chains

cial survey.

15.04
or
992.6 ft.

To a 4 x 4 redwood post marked "A 3" on the north and west sides for station 3, and southeast corner of the "Alameda" Oil Mine and "E 1" on the south side for station 1 and northeast corner of the "Encino" location in a mound of quartz stones on steep west slope, of small rocky point the same being the original location corner,

Thence

12 S.0°25'W. 5.00
or
330.00 ft

To a 4 x 4 redwood post, on a ridge bearing NE. and W.

23.32
or

1539.12 ft

To a 3 x 4 redwood post on a ridge bearing E. and W.

28.29
or
1867.1 ft.

To a 4 x 4 redwood post, marked "D 7" on the E. and S. sides for station 7 of the "Diablo" location, and "E" on the west side, in a mound of earth on same covered south slope, the same being the original location corner.

Thence

13 S.89°35'E.

Along the south boundary of the

Course	Chain	
14	N.0°25'E.	<p data-bbox="792 585 1138 618">"Wilson" Oil Claim</p> <p data-bbox="553 661 748 763">42.38 or 2797.1 ft.</p> <p data-bbox="792 715 1461 1209">To a 4 x 4 redwood post marked "D 6" on the north side for station 6 of the "Diablo" location, in a mound of boulders, on the left edge of stream at the mouth of the "Narrows" of "Towsley Canon" the same being the original location corner and from which</p> <p data-bbox="894 1236 1382 1408">A willow tree 19 inches diameter bears S. 71° 30' E. 40 links distant.</p> <p data-bbox="1016 1435 1130 1467">Thence</p>
		<p data-bbox="792 1499 1382 1607">Along the east boundary of the "Wilson Oil Claim"</p>
	23.80 or 1570.8 ft.	<p data-bbox="792 1693 1461 2064">To a 4 x 4 redwood post marked "D 5" on the east and south sides for station 5 of the "Diablo" location, in a mound of shale, on SW. slope, the same being the original location corner.</p> <p data-bbox="1016 2091 1130 2123">Thence</p>
15	S.89°35'E. 27.45 or 1811.7 ft.	<p data-bbox="792 2220 1461 2521">To a 4 x 4 redwood post marked "D" on the south side and "3" on top in a mound of earth, at the quarter section corner between sections 8 and 9, T. 3 N., R. 16</p>

	Course	Chains	W., S. B. B. and M.
		41.94 or 2768.ft.	To a 4 x 4 redwood post marked "D. 4" on the south and west sides for station 4 and NE. corner of the "Diablo" location in a mound of earth, the same being the original location corner.
			Thence
16	S. 0° 25' W.	18.80	Cross road, course east and west.
		20.13 or 1328.6 ft.	Cross small stream in "Towsley Canon" course east to a 4 x 4 redwood post, marked "T 3" on the SW. side for station 3 at NE. corner of the "Tamalpais" location "R" on the east side and "D 3" on the NW. side for station 3 of the "Diablo" location, in a mound of sandstone boulders, the same being the original location corner and from which
			A sycamore tree 10 inches diameter on the left edge of stream bears N. 50° 45' E. 54 links distant.
			A cottonwood tree 23 inches diameter on the left edge of stream bears N. 65° 30' W., 34 links distant.

Course

Chains

40.34

or

2662.4 ft.

To a 4 x 4 redwood post marked "S 9" on the north side "S 16" on the south side, and "T" on the west side at the point of intersection with the line between sections 9 and 16, and from which The established corner to sections 8, 9, 16 and 17 T. 3 N., R. 16 W. S. B. R. and M. bears N., $89^{\circ} 35'$ W., 14.91 chains distant.

56.69

or

3741.5 ft.

To a live oak tree 14 inches diameter marked "W 3" on the south side for station 3 and NW. corner of the "Wiley Petroleum Mine" as per official survey.

66.93

or

4417.4 ft.

To a 4 x 4 redwood post marked "W" on the east side and "T" on the west side in a mound of shale on a high ridge, forming the divide between the drainage of the "Towsley Canon" on the the west and the "Wiley Canon" on the east the bearing ~~ridge~~ of ridge being northeast and southwest

80.47

or

5311.00 ft.

To a 4 x 4 redwood post marked "W" on the east side "S 1" on the

Course	Chains	<p>southwest side, and "T 4" on the northwest side for station 4 and SE. corner of the "Tamalpais" location, in a mound of sandstones the same being the original location corner, from which the southwest corner of the "Wiley Petroleum Mine" as per official survey bears S. $0^{\circ} 25'$ W., 5.70 chains distant</p> <p>The point for the quarter section corner between sections 16 and 17 bears N. $89^{\circ} 35'$ W., 14.91 chains distant.</p> <p>Thence</p>
17	<p>N. $89^{\circ} 35'$ W. 14.72 or 971.5 ft.</p>	<p>To a 4 x 4 redwood post marked "S" on the south side, and "T" on the north side in a mound of sandstones, on a high ridge forming the divide between the "Towsley" and "Wiley" Canons the bearing of ridge being north and south</p>
	<p>14.91 or 984.1 ft.</p>	<p>To the point of beginning, containing four hundred and forty-five and twelve one-hundredths (445.12) acres of land.</p> <p>This claim is on land partly surveyed and partly unsurveyed,</p>

and is in sections 7, 8, 9, 16
and 17, Township No. 3 North,
Range No. 16 West, San Bernardino
Base and meridian.

W. F. MC CLURE,
U. S. Deputy Mineral Surveyor.

FIELD NOTES OF THE SURVEY OF THE TAMALPAIS LOCATION

Course Chains

Beginning at the established corner to sections 8, 9, 16 and 17, Township No. 3 North, Range No. 16 West, San Bernardino Base and Meridian, the same being marked by the original walnut post, properly marked in a mound of earth together with a 4 x 4 redwood post, marked "D 1" on the northwest side for station 1 of the "Diablo Oil Claim" and "T 1" on the north^{east} side for station 1 of this claim, on the northwest slope, near the top of ridge, and running thence

1 N.1° E.

On true courses the variation of the magnetic needle being 14° 35' east, retracing the established line between sections 8 and 9, descending steep north slope.

12.30
or
811.8 ft.

Base of mountain, and enter valley of "Towsley Canon"

15.26
or
1007.2 ft.

Cross road course east and west to a 4 x 4 redwood post marked "D" on the west side, and "T" on

Course

Chains

the east side, in a mound of sandstones and earth.

15.36
or
1013.8 ft. Top of bank 20 links high.

15.86
or
1046.8 ft. Cross stream bed 35 links wide, with small stream whose course is east, and ascend southwest slope through sage brush

20.21
or
1333.9 ft. To a 4 x 4 redwood post marked "D 2" on the southwest side for station 2 of the "Diablo Oil Claim" and "T2" on the southeast side, for station 2 of this claim, in a mound of earth the same being the original location corner.

Thence

2 S.89°35'E.

Ascending southwest slope.

2.61
or
172.3 ft. To a 4 x 4 redwood post, marked "D" on the north side, and "T" on the south side, in a mound of earth on a spur sloping south

10.84
or
715.4 ft. To a similar post, similarly marked in a mound of sandstones on a low rocky spur sloping southeast.

12.00
or
792.00 ft. Bottom of slope and enter valley

Course

Chains

of "Towsley Canon"

13.30
or
877.8 ft.

Cross road, course northeast and south

14.00
or
924. ft.

Top of bank 20 links high.

14.69
or
969.5 ft.

Cross stream bed 50 links wide with small stream, course east to a 4 x 4 redwood post, marked "D 3" on the northwest side for station 3 of the "Diablo Oil Claim" and "T 3" on the southwest side for station 3 of this claim, in a mound of sandstone boulders the same being the original location corner, from which

A sycamore tree 10 inches diameter, on left edge of stream bears N. 50° 45' east, 54 links distant.

A cottonwood tree 23 inches diameter on the left edge of stream, bears N. 65° 30' W., 34 links distant.

Thence

3

S. 0° 25' W.

2.24
or
147.8 ft.

Top of bank 25 links high.

2.40
or
158.40 ft.

Bottom of bank and run up bed of stream.

Course

Chains

4.10
or
270.60 ft. Leave bed of stream.

4.60
or
303.60 ft. Top of bank 30 links high.

5.53
or
365.00 ft. To a 4 x 4 redwood post, marked

"T" on the west side, in a mound of sandstones and earth, on a low sage covered spur sloping northwest and run across west slope.

16.63
or
1097.6 ft. To a similar post, similarly marked, in a mound of earth, on a spur sloping west.

19.50
or
1287.00 ft. Cross a ravine 15 links wide, course northwest, and ascend north slope.

20.21
or
1333.9 ft. To a 4 x 4 redwood post, marked "S 9" on the north side, "S 16" on the south side, and "T" on the west side, at the point of intersection with the line between sections 9 and 16, and from which the established corner to sections 8, 9, 16 and 17, T. 3 N., R. 16 W., S. B. B. and M. bears N. 89° 35' W., 14.91 chains distant, and

Course	Chains.
	ascend northwest slope.
29.64 or 1956.2 ft.	To a 4 x 4 redwood post marked "T" on the west side, in a mound of sandstones, on a rocky spur sloping northwest, and descend southwest slope.
34.80 or 2296.80 ft.	Cross a ravine 20 links wide, course northwest and ascend north slope.
36.56 or 2413.00 ft.	To a live oak tree 14 inches in diameter, marked "W 3" on the south side for station 3 and northwest corner of the "Wiley Petroleum Mine" as per official survey.
41.64 or 2748.2 ft.	To a 4 x 4 redwood post, marked "W" on the east side, and "T" on the west side, in a mound of ear
42.99 or 2837.3 ft.	To a 1½ inch stake in a mound of earth, and ascend through wi
46.80 or 3088.80 ft.	To a 4 x 4 redwood post, marked "W" on the east side, and "T" on the west side, in a mound of

Course

Chains

shale, on a high ridge, forming the divide between the drainage of the "Towsley Canon" on the west side, and "Wiley Canon" on the east, the bearing of ridge being northeast and southwest and descend south slope.

60.34
or
3982.4 ft.

To a 4 x 4 redwood post marked "W" on the east side, "S 1" on the southwest side, and "T 4" on the northwest side for station 4 and southeast corner of this claim, in a mound of sandstones the same being the original location corner and from which point for the quarter section corner between sections 16 and 17 bears N. 89° 35' W., 14.91 chains distant. The southwest corner of the "Wiley Petroleum Mine" as per official survey bears S. 0° 25' W., 5.70 chains distant.

Thence

4 N. 89° 35' W. 3.00
or
198.00 ft.

Cross a ravine, course S. 65° E. and ascend east slope.

14.72
or
971.5 ft.

To a 4 x 4 redwood post, marked "S" on south side and "T" on the north side, in a mound of sandstones

Course

Chains

on the high ridge forming the divide between the "Towsley" and "Wiley" Canons, the bearing of the ridge being north and south.

14.91
or
984.1 ft.

To a point for quarter section corner between sections 16 and 17, on steep west slope, and from which point a live oak tree 26 inches diameter, marked $\frac{1}{4}$ S" W C for witness to said quarter section corner bears N. $0^{\circ} 25'$ E., 156 links distant, and descend steep west slope.

32.98
or
2176.7 ft.

To a 4 x 4 redwood post, marked "S" on the south side and T. on the N. side in a mound of sandstone on steep north slope.

34.91
or
2304.1 ft.

To a similar post marked "S7" on the north side and "T 5" on the east side for station 5 and southwest corner of this claim in a mound of sandstones, the same being the original location corner and from which

a sycamore tree 8 inches diameter bears N. $49^{\circ} 30'$ E. $9\frac{1}{2}$ links distant

5

N. $0^{\circ} 25'$ E.

Thence

Course	Chains	
	2.60 or 171.6 ft.	Cross deep canon 50 links wide, course west and ascend south slope.
	4.83 or 318.8 ft.	To a 4 x 4 redwood post, marked "S" on the west side, and "T" on the east side, in a mound of shale and earth, on point of spur sloping west.
	10.06 or 664. ft	To a similar post, similarly mark- ed, in a mound of earth on a high spur sloping west and descend northwest slope.
	15.95 or 1052.7 ft.	Cross ravine 10 links wide, course southwest.
	16.20 or 1069.2 ft.	To a 4 x 4 redwood post, marked "T" on the northwesterly side, "S 6" on the southwesterly side, and "T 6" on the south side, for station 6 of this claim, in a mound of sandstones, the same being the original location corner and from which Station 3 of the "Towsley Petroleum Mine" as per offi- cial survey bears S. 26° 30' W., 87 links distant A

Course	Chains	Sycamore tree 20 inches diameter bears N. 74° 30' E., 28 links distant
6	N. 26°30'E.	<p>Thence</p> <p>Along southeasterly boundary of the "Towsley Petroleum Mine" ascending southwest slope.</p>
	<p>6.84 or 451.4 ft.</p>	<p>To a 4 x 4 redwood post, marked "T" on the northwesterly and southeasterly sides, in a mound of earth and run across west slope.</p>
	<p>12.22 or 806.5 ft.</p>	<p>To a similar post, similarly marked in a mound of earth, and descend steep north slope.</p>
	<p>16.20 or 1069.2 ft.</p>	<p>Cross deep ravine 20 links wide, course northwest and ascend steep southwest slope</p>
	<p>21.84 or 1441.4 ft.</p>	<p>To a 4 x 4 redwood post, marked "W2" on the southwest side for station 2 of the "Towsley Petroleum Mine" and "T 7" on the northwest and southeast sides for station 7 of this claim in a mound of shale and earth the same being the original location corner, and from which</p>
		<p>A live oak tree 20 inches diameter marked "W. 2" "B T" bear</p>

Course	Chains	S. 63° 30' E., 2.89 chains distant
7	N. 63° 30' W.	<p>Thence</p> <p>Along the northeasterly boundary of the "Towsley Petroleum Mine" descending southwest slope.</p>
	<p>9.80 or 646.8 ft.</p>	<p>To a 4 x 4 redwood post marked "T" on the southwesterly side "D 12" on the northwesterly side for station 12 of the "Diablo Oil Claim" and "T 8" on the southeasterly side for station 8 of this claim, in a mound of sandstones the same being the original location corner on the line between sections 8 and 17 and from which the established corner to sections 8, 9, 16 and 17 bears S. 89° 35' E., 19.22 chains distant.</p>
8	S. 89° 35' E.	<p>Thence</p> <p>Retracing the established line between sections 8 and 17, ascending southwest slope.</p>
	<p>5.81 or 383.5 ft.</p>	<p>To a 4 x 4 redwood post, marked "D" on the north side and "T" on the south side in a mound of earth, on a ridge bearing northwest and southeast, and run across</p>

Course

Chains

broken north slope.

19.22
or
1268.5 ft.

To the point of beginning,
containing one hundred and fifty-
eight and thirty one-hundredths
(158.30) acres

This claim is surveyed land
of the United States and
is situated on sections 9,
16 and 17, Township No. 3
North, Range No. 16 West,
San Bernardino Base and
Meridian.

W. F. MC CLURE,
U. S. Deputy Mineral Surveyor.

FIELD NOTES OF THE SURVEY OF THE "DIABLO" LOCATION

Course Chains.

Beginning at the established corner to sections 8, 9, 16, and 17, Township No. 3, North, range No. 16 West, San Bernardino Base and Meridian, the same being marked by the original walnut post properly marked in a mound of earth together with a 4 x 4 redwood post marked "T 1" on the northeast side for station 1 of the "Tamalpais Oil Claim" and "D 1" on the northwest side for station 1 of this claim, on the northwest slope near the top of ridge and running thence,

1 N. 1° E.

On true courses, the variation of the needle being 14° 35' east, retracing the established line between sections 8 and 9 and descending steep north slope.

12.30
or

811.80 ft. Base of mountain, and enter valley of "Towsley Canon"

15.26
or

1007.16 ft. Cross road east and west to a 4 x 4 redwood post, marked "T"

Course

Chains

on the east side and "D" on the west side, in a mound of sandstones and earth.

15.36

or

1013.76 ft. Top of bank 20 links high.

15.86

or

1046.76 ft. Cross stream bed 35 links wide, with small stream whose course is east, and ascend southwest slope thorough sage brush.

20.21

or

1333.9 ft.

To a 4 x 4 redwood post, marked "T 2" on the southeast side for station 2 of the "Tamalpais Oil Claim" and "D 2" on the southwest side for station 2 of this claim, in a mound of earth, the same being the original location corner

Thence

Ascending southwest slope.

2

S.89°35'E.

2.61

or

172.26 ft.

To a 4 x 4 redwood post marked "T" on the south side, and "D" on the north side, in a mound of earth, on a spur sloping south

10.84

or

715.84 ft.

To a similar post with duplicate marks, in a mound of sandstones, on a low rocky spur sloping south-east

Course	Chains	
	12.00 or 792.00 ft.	Bottom of slope and enter valley of "Towsley Canon"
	13.30 or 877.80 ft.	Cross road course northeast and south
	14.00 or 924.00 ft.	Top of bank 20 links high
	14.69 or 969.5 ft.	Cross stream bed 50 links wide, with small stream course east, to a 4 x 4 redwood post marked "T 3" on the southwest side for station 3 and northeast corner of the "Tamalpais Oil Claim" "R" on the east side and "D 3" on the northwest side for station 3 of this claim, in a mound of sand- stone boulders, the same being the original location corner and from which A sycamore tree 10 inches diameter on the left edge of stream bears N. 50° 45' E., 54 links distant A cottonwood tree 23 inches diameter on the left edge of stream bears 65° 30' W. 34 links distant. Thence

3	Course	Chains	
	N.0°25'E.	0.26	
		or	
		17.16 ft.	Cross stream 10 links wide, course east
		0.45	
		or	
		29.70 ft.	Top of bank 15 links high
		1.52	
		or	
		100.32 ft	Cross road, course east and west
		3.49	
		or	
		230.34 ft.	To a 2½ inch elder stake, in a mound of sandstones, and ascend south slope.
		12.51	
		or	
		825.66 ft.	To a 4 x 4 redwood post marked "R" on the east side and "D" on the west side, in a mound of sandstones on a high ridge, sloping east, and descend north slope.
		20.13	
		or	
		1328.6 ft.	To a 4 x 4 redwood post, marked "D 4" on the south and west sides for station 4 and northeast corner of this claim in a mound of earth, the same being the original location corner
			Thence
			Ascending east slope of spur.
	4	N.89°35'W.	
		2.89	
		or	
		190.74 ft.	To a 3 x 4 redwood post marked "D" on the south side, and "1" on top, in a mound of earth, on a spur sloping northeast, and

Course

Chains

run across broken north slope of ridge.

9.59

or

632.94 ft. To a similar post marked "D" on the south side and "2" on top, in a mound of earth

14.49

or

956.34 ft. To a 4 x 4 redwood post, marked "D" on the south side, and "3" on top in a mound of earth, at the quarter section corner between sections 8 and 9, T. No. 3 N., R. No. 16 W., S. B. B and M.

15.39

or

1015.74 ft. To a 2 inch stake in a mound of earth, on a ridge sloping northwest, and run across broken south slope of ridge.

32.14

or

2121.24 ft. To a 4 x 4 redwood post, marked "D" on the south side, and "4" on top, in a mound of earth, on a spur sloping S. 25° E.

40.30

or

2659.80 ft. To a 3 x 4 redwood post, marked "D" on the south side and "5" on top, in a mound of sandstones on low spur sloping south.

41.94

or

2768. ft. To a 4 x 4 redwood post marked

	Course	Chains	
			"D 5" on the east and south sides
			for station 5 of this claim, in
			a mound of shale on southwest slope
			the same being the original loc-
			ation corner,
			Thence
5	S.0°25'W.		Along east boundary of the
			"Wilson Oil Claim"
		8.37	
		or	
		552.42 ft.	To a 4 x 4 redwood post, marked
			"D" on the east side, in a mound
			of sandstones, on a high spur,
			sloping southeast, and descend
			broken southwest slope.
		14.70	
		or	
		970.20 ft.	To a similar post marked "D" on
			the east side and "1" on top,
			in a mound of conglomerate stones.
		21.20	
		or	
		1399.20 ft.	Cross a ravine, course east
		23.80	
		or	
		1570.8 ft.	To a 4 x 4 redwood post, marked
			"D 6" on the north side for station
			6 of this claim in a mound of
			boulders on the left edge of
			stream, at the mouth of the
			"Narrows" of the "Towsley Canon"
			the same being the original loc-
			ation corner and from which
			A willow tree 19 inches

Course

Chains

diameter bears S. $71^{\circ} 30'$
east 40 links distant.

Thence

6

N. $89^{\circ} 35' W.$

Along the south boundary of the
"Wilson Oil Claim" ascending steep
northeast face of rock bluff.

6.30
or
415.80 ft.

To a 4 inch manzanita stake in
a mound of sandstones, on the top
of almost perpendicular rock bluff

12.71
or
838.86 ft.

To a 3 x 4 redwood post, marked
"D" on the south side, and "1"
on top, in a mound of sandstones
and run across north slope.

23.42
or
1545.72 ft.

To a similar post, marked "D" on
the south side and "2" on top in
a mound of sandstones, on a high
ridge whose course is N. $65^{\circ} W.$,
and S. $65^{\circ} E.$ and ascend east
slope.

40.21
or
2653.86 ft.

To a similar post marked "D" on
the south side and "3" on top,
in a mound of shale and run across
south slope.

42.38
or
2787.1 ft.

To a 4 x 4 redwood post, marked
"E" on the west side, and "D" 7"

Course	Chains	on the east and south sides for station 7 of this claim, in a mound of earth, on sage covered south slope, the same being the original location corner.
7	S.0°25'W.	<p>Thence</p> <p>Descending south slope</p> <p>1.02 or 67.3 ft. To a 4 x 4 redwood post, marked "E 2" on the west side for station 2, and southeast corner of the "Encino Oil Claim", "T" on the south side, and "D 8" on the north and east sides for station 8 of this claim, in a mound of earth the same being the original location corner.</p> <p>Thence</p>
8	S.89°35'E.	<p>Across sage covered south slope</p> <p>2.45 or 161.70 ft. Leave south slope, and descend east slope</p> <p>4.45 or 293.70 ft. To a 4 x 4 redwood post, marked "T" on the south side "D" on the north side, and "4" on top in a mound of shale and run across broken south slope.</p> <p>20.73 or 1368.18 ft. To a similar post marked "T" on</p>

Course

Chains

the south side "D" on the north
side side and "2" on top in a mound
of sandstone on a high ridge
bearing N. 65° W. and S. 75° E.
and run across grassy north slope.

28.97

or

1912.00 ft. To a 3 x 4 redwood post, marked
"T" on the south side and "D" on
the north side, in a mound of sand-
stones and earth, and descend
through brush.

33.23

or

2193.2 ft. To a 4 x 4 redwood post, marked
"T 2" on the south side for
station 2 and northeast corner
of the "Temple Oil Mine" and "D 9"
on the west side for station 9
of this claim, in a mound of earth
and gravel, on a high rocky spur,
sloping eastwardly to the "Narrows"
of "Towsley Canon" the same being
the original location corner.

Thence

9

S.0°25'W.

0.34

or

22.44 ft. To a 2 inch stake in a mound of
sandstones.

0.75

or

49.50 ft. The top of precipice 150 feet high.

7.00

or

462.00 ft. To a 3 x 4 redwood post marked

Course	Chains	
10	N.26°30'E	<p>"T" on the west side, and "D" on the east side, in a mound of sand-stones and earth, on a spur sloping east, and descend steep south slope.</p>
	<p>12.30 or 811.80 ft.</p>	<p>Cross trail course east and west,</p>
	<p>12.46 or 822.4 ft.</p>	<p>To a 4 x 4 redwood post, marked on the south side for "T 1" station 1 of the "Temple Oil Mine" and "D 10" on the north side for station 10 of this claim, in a mound of shale the same being the original location corner and from which</p>
		<p>A walnut tree 12 inches diameter marked "A" one of a clump of 7 walnut trees bears south 268 links distant.</p>
		<p>Thence</p>
		<p>Along the northwesterly boundary of the "Towsley Petroleum Mine" as per official survey ascending steep south slope.</p>
	<p>4.71 or 310.9 ft.</p>	<p>To a 4 x 4 redwood post marked "W 1" on the southeast side, for station 1 of the "Towsley Petroleum Mine" and "D 11" on the</p>

Course	Chains	
		southwest and northeast sides for station 11 of this claim, in a mound of sandstones on the eastern point of ridge, the same being the original location corner.
		The original corner to the "Towsley Petroleum Mine" a sandstone 10 x 9 x 5 inches, marked "W 1" being on top of mound.
		Thence
11	S.63°30'E.	Along northeasterly boundary of the "Towsley Petroleum Mine" descending steep southeast slope.
	8.00 or 528.00 ft.	Cross road, course N. 35° E. and S. 35° W.
	8.80 or 580.80 ft.	Cross stream in "Towsley" canon 10 links wide, course north and ascend steep west slope.
	16.59 or 1094.9 ft.	To a 4 x 4 redwood post marked "T 8" on the southeasterly side for station 8 of the "Tamalpais" Oil Claim, and "D 12" on the northwesterly side for station 12 of this claim, in a mound of sandstones, on steep southwest slope, the same being the original location corner on the line be-

	Course	Chains	
			tween sections 8 and 17 and from which the established corner to sections 8, 9, 16 and 17 T. No. 3 N., R. No. 16 W., S. B. B. and M. bears S. 89° 35' W., 19.22 chains distant.

12	S. 89° 35' E.	5.81 or 383.5 ft.	<p>Thence .</p> <p>Ascending southwest slope.</p> <p>To a 4 x 4 redwood post, marked "T" on the south side and "D" on the north side, in a mound of earth on a high ridge sloping northwest and run across broken north slope.</p>
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		19.22 or 1268.5 ft.	<p>To the point of beginning, containing one hundred and fifty and thirty one-hundredths (150.30) acres.</p>
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This claim is principally on surveyed land, and is on sections 8 and 9 T. No. 3 N., R. No. 16 W., S. B. B. and M.

W. F. MC. CLURE ,
U. S. Deputy Mineral Surveyor

FIELD NOTES OF THE SURVEY OF THE "ENCINO" LOCATION.

Course

Chains

Beginning at a 4 x 4 redwood post marked "A 3" on the north and west sides for station 3, and the southeast corner of the "Alameda Oil Mine" as per official survey and "E 1" on the south side for station 1 and northeast corner of this claim, in a mound of quartz stones on steep west slope of small rocky point, the same being the original location corner

Thence

1

S.0°25'W.

On true courses the magnetic variation being 14° 35' east, ascending steep north slope.

5.00
or
330.00 ft.

To a 4 x 4 redwood post, marked "E" on the west side, in a mound of earth on ridge bearing north-east and west.

23.32
or
1589.1 ft.

To a 3 x 4 redwood post, marked "E" on the west side, in a mound on earth, on ridge bearing east

Course

Chains.

and west.

28.29
or
1867.1 ft.

To a 4 x 4 redwood post marked "D 7" on the east and south sides for station 7 of the "Diablo Oil Claim" and "E" on the west side in a mound of earth, on sage covered south slope.

29.31
or
1934.5 ft.

To a 4 x 4 redwood post, marked "D 8" on the east and north sides for station 8 of the "Diablo Oil Claim" "T" on the south side and "E 2" on the west side for station 2 and southeast corner of this in a mound of earth claim, the same being the original location corner, from which

The established corner to sections 8, 9, 16 and 17 T. 3 N., R. 16 W., S. B. B. and M., bears S. 76° 59' E., 71.13 chains distant.

Thence

2

N. 89° 35' W.

2.11
or
13926 ft.

To a 4 x 4 redwood post, marked "T" on the south side "E" on the north side, and "5" on top, in a mound of earth, and ascend steep east slope of Wilson Hill.

12.56
or
828.96 ft.

To a 3 x 4 redwood post marked

Course

Chains

"T" on the south side, and "E" on the north side, in a mound of sandstones on the south slope of "Wilson Hill" and run across said south slope.

15.31

or

1010.46 ft. To a 4 x 4 redwood post, marked "T" on the south side "E" on the north side and "7" on top in a mound of sandstone.

17.56

or

1158.96 ft. To a similar post, marked "T" on the south side, and "E" on the north side, in a mound of sandstones.

21.13

or

1394.58 ft. To a 2 inch stake in a mound of sandstones and descend west slope through heavy tall brush.

22.00

or

1452.00 ft. To a 4 x 4 redwood post marked "T 3" on the east and south sides for station 3 and northwest corner of the "Temple Oil Mine" and "E" on the north side, in a mound of earth, and run across broken south slope.

38.02

or

2509.32 ft. To a 3 x 4 redwood post, marked "E" on the north side, in a mound

Course	Chains	
		of earth on a spur sloping south.
	46.79 or 3088.14 ft.	To a 3 x 4 redwood post, marked "E" on the north side, and "1" on top, in a mound of earth, on low spur sloping south.
	53.76 or 3548.16 ft.	Cross deep canon 25 links wide, course southeast, and ascend northeast slope.
	57.53 or 3797 ft.	To a 4 x 4 redwood post marked "R 3" on the northwest and "E 3" on northeast side for station 3 and southwest corner of this claim, in a mound of earth on steep brushy northeast slope, the same being the original location corner
		Thence
3	N.0°25'E. 1.60 or 105.60 ft.	Cross deep canon 15 links wide, course east and ascend south slope.
	3.62 or 238.92 ft.	To a 3 x 4 redwood post marked "R" on the west side, and "E" on the east side, in a mound of decomposed sandstones on low sharp point of spur, sloping southeast and descend northeast slope.

Course

Chains

5.85
or
386.10 ft. Cross ravine 15 links wide, course
southeast and ascend southeast
slope.

16.20
or
1069.20 ft. To a 4 x 4 redwood post marked
"R" on the west side and "E" on
the east side, in a mound of sand-
stones and earth on the high
ridge bearing east and descend
north slope.

21.51
or
1419.7 ft. To a 4 x 4 redwood post, marked
"C 8" on the northeast side for
station 8 and southwest corner of
the "Camuelos Oil Mine" "R" on
the west side, and "E 4" on the
east
south side for station 4 and
northwest corner of this claim,
in a mound of sandstones and earth
on the east slope of spur, the
same being the original location
corner,

Thence

4 S.89°35'E. 1.30
or
85.80 ft. Cross ravine 10 links wide, course
north and ascend west slope

7.26
or
479.16 ft. To a 4 x 4 redwood post, marked
"C" on the north side "E" on the

Course Chains

south side and "1" on top, in a mound of earth on spur sloping north, and run across broken, brushy north slope.

26.10
or
1722.60 ft.

To a 4 x 4 redwood post marked "C" on the north side, and marked "E" on the south side in a mound of quartz rock, on high narrow rough spur, sloping north continue across broken north slope, crossing a deep ravine, course northeast and ascending the northwest slope of "Wilson Hill"

42.48
or
2803.7 ft.

To a 4 x 4 redwood post, marked "C 7" on the northwest side for station 7 of the "Camuelos Oil Mine" and "E 5" on the northeast and southwest sides for station 5 of this claim, in a mound of earth, on the grassy north slope of "Wilson Hill" the same being the original location corner and from which

A white oak tree 28 inches diameter bears S. 6° W., 99 1/2 links distant

Thence

Descending gentle north slope.

5 N. 0° 25' E.

Course	Chains	
	4.56 or 300.96 ft.	To a 4 x 4 redwood post marked "C" on the west side and "E" on the east side, in a mound of earth; leave north slope and descend northeast alope.
	7.79 514.1 ft.	To a similar post, marked "C 6" on the west and south side, for station 6 of the "Camuelos Oil Mine" "A" on the north side and "E 6" on the east side for station 6 of this claim, in a mound of shale on north slope of shale spur, the same being the original location corner and from which A live oak tree 20 inches diameter bears N. 80° E., 11 links distant. A live oak tree 20 inches diameter bears N. 21° 30' W 12 links distant. Thence
6	S. 89° 35' E.	Across broken north slope.
	4.35 or 287.10 ft.	Cross ravine 10 links wide, course north.
	7.28 or 480.48 ft.	To a 4 x 4 redwood post, marked "A" on the north side, and "E"

Course	Chains
--------	--------

	on the south side, in a mound of sandstones, on a spur sloping northeast.
--	---

14.90 or 983.40 ft.	
---------------------------	--

	Cross ravine 10 links wide, course north and ascend steep west slope
--	--

15.04 or 922.6 ft.	
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	To the point of beginning and containing one hundred and thirty-five and fifty two one-hundredths (135.52) acres of land.
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This claim is on unsurveyed land, but would be in sections 7 and 8, T. No. 3 N., R. No. 16 W., SB. B. and M. if the surveys were extended.

W. F. MC CLURE
U. S. Deputy Mineral Surveyor.

FIELD NOTES OF THE SURVEY OF THE CONNECTING LINE
OF THE "ENCINO LOCATION"

No.	Course	Distance	
		Chains	Feet

Beginning at the established corner to sections 8, 9, 16 and 17, Township No. 3 North, Range No. 16 West, San Bernardino Base and Meridian, and running thence On true courses, the magnetic variation being $14^{\circ} 35'$ east, retracing the line between sections 8 and 17.

1	N. $89^{\circ} 35' W.$
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19.22	1268.52	To a post set for the corner of the "Tamalpais" and "Diablo" locations, on the northeasterly boundary of the "Towsley Petroleum Mine" as per official survey.
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Thence

2	N. $63^{\circ} 30' W.$
---	------------------------

Along the northeasterly boundary of the "Towsley Petroleum Mine" as per official survey.

16.59	1094.94	To a post marking station "1" of the "Towsley Petroleum Mine" and station 11 of the "Diablo Location"
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Thence

3	S. $26^{\circ} 30' W.$
---	------------------------

Along the northwesterly boundary of the "Towsley Petroleum Mine" as per official survey.

No.	Course	Distance		
		Chains	Feet	
		4.71	310.86	To a post marked for station "1" of the "Temple Oil Mine" and station 10 of the "Diablo" Location
				Thence
4	N.0°25'E.			Along the line between the "Temple Oil Mine" and the "Diablo" Location
		12.46	822.36	To a post marked for station 2 of the "Temple Oil Mine" and station 9 of the "Diablo" Location
				Thence
5	N.89°35'W.			Along the line between the "Temple Oil Mine" and the "Diablo" Location.
		33.23	2193.18	To a post marked for station 8 of the "Diablo" location, and station 2 and southeast corner of the "Encino" Location, from which
				The established corner to sections 8, 9, 16 and 17, T. No. 3 N., R. No. 16 W., San Bernardino Base and Meridian bears S.76°59'E., 71.13 chains distant.

Course

CHAINS

N. 6° 30' E.

16.20

or

1069.2 ft.

To a 4 x 4 redwood post, marked "T" on the northwesterly side "S 6" on the southwesterly side and "T 6" on the south side for station 6 of the "Tamalpais Location" in a mound of sandstones, the same being the original location corner, from which station 3 of the "Towsley Petroleum Mine" as per official survey, bears S. 26° 30' W., 87 links distant.

A sycamore tree 21 inches diameter bears N. 74° 30' E. 28 links distant,

"hence

S N. 26° 30' E.

Along the southeasterly boundary of the "Towsley Petroleum Mine" as per official survey.

21.84

or

1441.4 ft.

To a 4 x 4 redwood post, marked "W 2" on the southwest side for station 2 of the "Towsley Petroleum Mine" and "T 7" on the NW. and SE. side for station 7 of the "Tamalpais" location in a mound of shale and earth, the same being the original location corner, from which

A live oak tree 20 inches

FIELD NOTES OF THE SURVEY OF THE TAMALPAIS LOCATION

Course Chains

Beginning at the established corner to sections 8, 9, 16 and 17, Township No. 3 North, Range No. 16 West, San Bernardino Base and Meridian, the same being marked by the original walnut post, properly marked in a mound of earth together with a 4 x 4 redwood post, marked "D 1" on the northwest side for station 1 or the "Diablo Oil Claim" and "T 1" ^{east} on the north side for station 1 of this claim, on the northwest slope, near the top of ridge, and running thence

1 N.1° E.

On true courses the variation of the magnetic needle being 14° 35' east, retracing the established line between sections 8 and 9, descending steep north slope.

12.30
or
811.8 ft.

Base of mountain, and enter valley of "Towsley Canon"

15.26
or
1007.2 ft.

Cross road course east and west to a 4 x 4 redwood post marked "D" on the west side, and "T" on