



DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL.

Subtreasury Building,
San Francisco, California,
May 15, 1924.

Mr. J. E. Rockhold,
County Surveyor, (Att. Mr. Jones)
Los Angeles, California.

Dear Sir:

Replying to your letter of the 12th instant, I wish to advise you that Mr. William H. Thorn, who is now a U. S. Cadastral Engineer in the Surveying Office of the General Land Office, was a U. S. Surveyor at the time he executed the survey of the boundaries of the Santa Barbara Forest Reserve between November 1904 and January 1906. Said survey is an official survey and the notes of same are on file in this office.

Very respectfully,

JOHN PLOVER (Signed)

JOHN PLOVER

U. S. Surveyor General
for California.

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Copied from W.H.Thorn's Survey of Nov. 28, 1908⁴
January 11, 1906, furnished by the Geological Survey.

Land mountainous. Soil second and third rate.
Timber pine, oak and white fir. Brush dense growth of live oak,
manzanita, ironwood and buckeye.
Formation granite.

From the cor. of Tps. 7 and 8 N., R. 17 W. I run N. on a random line along
E. bdy. of Sec. 36

7.12

C.C. of Tps. 7 and 8 N., R. 16 W. brs. E 12 lks. which is a (granite)
20x14x6 in. laying on top of ground marked C.C.

I test position of cor. by the witnessed line and re-established it
at the same point.

Set sandstone 15 in. in the ground, faced the C.C. to the N. refresh
marked marks. 6 notches on N., S. and E. faces. The original bearing tree

An oak N 45° 5' E 163 lks. dist. has been killed by fire. I mark new
bearing trees as follows:

An oak 4 ft. in diam. brs. S. 81° 45' E 428 lks. dist. marked T 7 N., R. 16 W,
S. 5 C.C., B.T.

A Pine 8 in. in diam. brs. N. 7° 30' E 249 lks. dist. marked T 8 N., R. 16 W,
S. 31 C.C., B.T.

I return to the C.C. to Tps. 7 and 8 N., R. 17 W., thence I run
N 0° 58' E on a true line along (S) bdy. of Sec. 36 over N. slope through
dead brush.

.06

Set iron U.S. For. Res. Bdy. Post No. 60, 30 in. in the ground. Raise a mound
of earth and stone, 4 ft. base, 1 ft. high around post marked

No. 60 on S. side of cap
1905 on S. side of cap

Reserve in N.E., S.E. and S.W. quadrants, Also marked

T. 8 N., S 36 in N.W. quadrant

W 0 in N.E. quadrant

T 7 N., R. 17 W. S. 1 in S.W. quadrant

C.C. on W. side of cap with 6 notches on N., S. and W. edges of rim
of cap

7.12

C.C. of Tps. 7 and 8 N., R. 16 W.
Most of timber timber and brush killed by fire
Soil, third rate.

South Bdy. of T. 8 N., R. 16 W.

At the closing cor. of Tps. 7 and 8 N., R. 16 W., at 2 p.m., l.m.t., I set off
34° 44' E on the latian and determine a meridian with the ~~Solar~~ Solar.
Thence I run E. on a random line bet. secs. 6 and 31

43.21

1/2 Sec. cor. brs. N. 26 lks. which is a granite stone 4x6x5 in. above
ground, firmly set, marked and witnessed. February 10, 1905.

February 11, 1905;

Set over qr. sec. cor. and continue line E.

Handwritten calculations and notes on the left margin:
66
4272
4272
4699
163
978
978
10758
428
66
2568
1508
2348

Copied from W.H.Thorn's Survey of Nov.28,1904

Jan. 11,1906,furnished by the Geological Survey.

- 82.14 Cor.of Secs. 5,6,31 and 32 brs. N. 18 lks.which is a granite stone
6x12x4 in.above ground firmly marked and witnessed
I return to the cor.of Tps.7 and 8 N,R.16 W.;
Thence I run N 89°39'E.on a true line bet.Secs. 6 and 31,along
wire fence,over gradual N.slope,through dead brush .
- .06 Set iron U.S. For.Res.Bdy.'Post No. 61,30 in.in the ground,raised
a mound of earth and stone 4 ft.base,1 ft.high around post,marked
No.61 on S side of cap
1905 on S.side of cap
Reserve in S.E.quadrant
T 8 N,S. 31W.in N.E.quadrant
C.C.on E.side of cap
T 7 N,R.16 W, S 6 in S .E. quadrant
with 6 notches on N.,S.and E.edges of rim of cap
- 3.50 Leave dead brush,continue in scattering oak and pine timber.
- 11.20 Small drain,course N.E.
- 23.50 A house S.,356 lks.
- 25.95 An old shed on line
- 28.90 Small drain,course N.
- 32.90 An oak 4 ft.in diam.on line,cut 2 notches on E.and W.faces.
- 34.46 Wire fence brs.N.& S. Enter dense brush
- 35.10 A small drain course N.W. Ascend gradual W.slope
- 43.21 $\frac{1}{4}$ sec.cor.
Thence I run N.89°46'E
- 45.50 Top of low hill brs. N.& S. Descend gradual E.slope
At the above point I set off 34°44'N.on lat.arc and 14°3'S.on decl.
arc and determine a meridian with the solar.
- 52.50 Small drain, course N.
- 56.00 Top of low spur brs. N.& S.
- 57.00 Descend steep E.slope
- 61.55 Drain,course N 100 ft.descent,ascend steep W.slope
- 67.50 Top of ridge brs. N.& S. Descend gradual E.slope
- 68.34 A pipe line brs. N 28°30'E.and S.23°30'W
- 73.15 Small drain,course N.E. 100 ft.descent.
- 74.10 Drain,course N.
- 82.14 Cor.of Secs. 5,6,31 and 32
Land Mountainous and rolling,soil third rate.
Timber pine,oak,dense growth liveoak,manzanita chemise and ironwood.
Formation granite
Note:Observation for latitude prevented,cloudy
-
- E.on a random line bet.Secs. 5 and 32
- 39.70 $\frac{1}{4}$ sec.cor.br. N. 14 lks.which is a granite stone
6x4x6 in.above ground firmly set,marked and witnessed.

February 11,1905.

Copied from W.H.Thorn's Survey of Nov.28,1904.
Jan 11,1906,furnished by the Geological Survey .

February 13;

- Set over cor.and continue line E.
79.59 Cor.of Secs. 4,5,32 and 33 brs. N 14 lks.which is a granite stone
6x14x5in.above ground,firmly set ,marked and witnessed
I return to the cor.of Secs. 5,6,31 and 32 S.bdy.T 8 N,R.16 W.
Thence I run N 89°48'E on a true line bet.Secs. 5 and 32 over
rolling land,through dense brush
.06 Set iron U.S.For.Res.Bdy.Post No.62, 30 in.in the ground,raised
mound of earth and stone 4 ft base,1 ft.high around post,marked
No.62 on S. side of cap
1905 on S.side of cap
Reserve in S.E.and S.W.quadrants,also marked
T 8 N.,S 32 W. C.in N.E.quadrant
R.16 W.,S 5 in S.E .quadrant
T 7 N, S. 6 in S.W.quadrant
S.31 in N.W.quadrant with 1 notch on W.and 5 notches on E.edges
of rim
4.50 Low ridge brs. N.& S.
From this point S.C.McKenzie's dwelling brs. S 10°E.about 10 chs.
11.85 Dry drain,course N.E. Thence over level land
11.97 Pipe line brs. N.E.and S.W.
12.22 Private road brs. N.E.and S.W.
14.10 Drain,course N.E.
20.00 Ascend gradual N.W.slope
23.75 Top of low ridge brs. N.20°E.and S.20°W.
Descend gradual S.E.slope
27.50 Change to level land N.& S. Enter cultivated land
33.80 Old road brs. N.& S.
33.90 Ascend steep N.W.slope through brush
36.50 Change to gradual N.W.slope
39.70 $\frac{1}{2}$ sec.cor.descend N.E.slope along wire fence
43.50 Small drain,course N.E.
49.00 Foot of descent brs. N.& S. The nce over level land in oak grove
canyon.
50.00 Leave brush brs. N.& S.
51.50 Draw 5 lks.wide,course N.
65.14 Wire fence brs. N.W.and S.E.
65.17 Set iron U.S .Forest Res.Post No.63 30 in.in the ground.Raised
mound of earth and stone 4 ft.base,1 ft.high around post marked
No.63 on S.side of cap
1905 on S.side of cap
Reserve in S.E.and S.W.quadrant.
65.30 County wagonroad brs. N.W.and S.E.
66.00 Enter cultivated land brs. N.W.and S.E.
76.25 Leave field brs. N.& S.
Enter dense brush and scattering timber
78.25 Bend in drain from S.E.to S 80°W.
Ascend steep S.W.slope
79.59 Cor.of Secs. 4,5,32 and 33.

Copied from W.H.Thorn's Survey of Nov.28,1904
Jan.11,1906,furnished by the Geological Survey.

Land hilly and level.
Soil second and third rate
Timber pine and oak;liveoak,chemise,manzanita and ironwood brush.
Formation granite.

At the cor.of secs.4,5,32 and 33,S.bdy.of T.8 N.,R.16 W.,at 9 a.m.,^{l.m.t.}I
set off $34^{\circ}44'N.$ on the lat.arc and $13^{\circ}23'S.$ on decl.arc and determine
a meridian with the solar..

39.93 Thence I run E.on a random line bet.secs. 4 and 33
 $\frac{1}{4}$ sec.cor.brs. N.14 lks.which is a granite rock $4 \times 10 \times 5$ in.above
ground,formerly set,marked and witnessed. Set over cor.and continue
line. At this qr.sec.cor.I set off $13^{\circ}21'S.$ on decl.arc and at 12h
 $14^{\circ}24''$ p.m.,l.m.t.,observe the sun on the meridian. The resulting
lat.is $34^{\circ}44'N.$ which is about $30''$ greater than the proper latitude.
Continue line east.

78.57 Cor.of S ecs. 3 and 4,T 7 N.,R.16 W.brs. N 14 lks.which is a granite
stone $6 \times 4 \times 6$ in.above ground firmly set,marked and witnessed.

80.19 Cor.of Secs. 33 and 34,br.N. 14 lks.which is a granite stone $5 \times 3 \times 5$ in.
above ground firmly set,marked and witnessed. I return to the cor.of
Secs. 4,5,32 and 33.

Thence I run $N.89^{\circ}48'E.$ on a true line bet.Secs. 4 and 33 over S.W.
slope through scattering timber and dense brush.

1.75 Sidehill drain,course S.W. Change to steep W.slope

5.50 Change to gradual S.slope

9.75 Drain,course S.W. Ascend steep W.slope

15.75 Change to gradual S.E.slope

18.20 Small drain,course S.W.change to S.W.slope

20.00 Change to gradual S.E.slope.

24.00 Drain,course S.W. Ascend gradual S.W.slope

28.00 Top of ridge brs. N.& S. Descend steep S.E.slope

31.25 Small drain,course S.W. Ascend gradual S.W.slope

33.00 Small drain brs. S.W.

37.50 Head of drain,course S.W.

39.93 $\frac{1}{4}$ sec.cor.

41.50 Top of ridge brs. N.& S. Thence over south slope.

49.00 Head of drain,course S.

55.50 Descend E.slope

59.50 Drain,course N.Ascend N.W.slope

63.50 Change to N.E.slope

65.50 Drain,course N.E.

71.00 Drain,course N.W. Ascend N.W.slope

Leave timber,enter prairie N.,E. and S.W.

78.57 Cor.of Secs. 3 and 4, T 7 N.,R.16 W.

80.19 Cor.of Secs. 33 and 34, T 8 N.,R.16 W.

Land hilly,soil third rate.

Timber oak and pine,dense brush liveoak and chemise.

February 13,1905..

Copied from W.H. Thorn's Survey of No. 2, 1908
January 11, 1906, furnished by the Geological Survey.

February 14:

At the cor. of Secs. 33 and 34, S. bdy. T. 8 N., R. 16 W., at 9 a.m., l.m.t., I set off $34^{\circ}44'N$ on the lat. arc and $13^{\circ}2'S$ on the decl. arc and determine a meridian with the solar. Thence I run E. on a random line along the S. bdy. Sec. 34.

- 40.26 $\frac{1}{4}$ sec. cor. brs. N. 14 lks. which is a granite stone 4x6x5 in. above ground firmly set, marked and witnessed.
Set over cor. and continue line E.
- 78.80 C.C. of Secs. 2 and 3, T 7 N., R. 16 W., brs. N 24 lks. which is a granite stone 2x6x5 in. above ground, firmly set, marked and witnessed.
- 80.43 Cor. of Secs. 34 and 35, T. 8 N., R. 16 W., brs. N. 24 lks. dist. which is a granite stone 2x5x5 in. above ground, firmly set, marked and witnessed.
I return to the cor. of Secs. 33 and 34, S. bdy. T. 8 N., R. 16 W.
Thence I run $N. 89^{\circ}48'E$ on a true line along S. bdy. Sec. 34. Through prairie over W. slope.
- .06 Set iron U.S. For. Res. Bdy. Post No. 64, 30 in. in the ground, raise a mound of earth and stone 4 ft. base 1 ft. high around post,
marked No. 64 on S. side of Cap
1905 on S. side of cap
Reserve in S.E. and S.W. quadrants; also marked T 8 N., S. 34 W.C. in N.E. quadrant
R 16 W. S. 33 in N.W. quadrant with 3 notches on E. and W. edges of rim of cap
- 1.28 Top of ridge brs. N., E. and S. W.
- 1.35 Wire fence brs. S. and E. Thence along wire fence over gradual E. slope.
- 15.43 W. side of shallow pond brs. N. E. and S.
- 25.48 E. side of pond brs. N. W. and S. E.
Ascend gradual S. W. slope
- 40.26 $\frac{1}{4}$ sec. cor.
Thence I run $N. 89^{\circ}39'E$
- 43.00 Drain, course N.E. Enter timber brs. N.E. and S.W.
Ascend N.W. slope.
- 47.85 Trail, brs. N. E. and S. W.
- 49.70 Change to N. E. slope
- 51.50 Bend in same trail from N. W. to N.E.
- 52.50 Change to steep N. W. slope. Leave timber brs. N. E. and S. W.
- 59.50 Change to nearly level land
- 71.00 Leave prairie, enter pine and oak timber, N. W. and S. E.
- 71.50 Change to gradual N. E. slope
- 74.00 Change to N.W. slope
- 78.80 C.C. to Secs. 2 and 3, T 7 N., R. 16 W.
- 80.43 Cor. of Secs. 34 and 35, T. 8 N., R. 16 W.
Land mountainous and level
Soil second and third rate.
Timber pine and oak
Dense brush live oak
Formation granite.

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- East on a random line along S.bdy. Sec.35
40.05 $\frac{1}{4}$ Sec.cor.brs. N. 23 lks.which is a granite stone 5x8x3 in.above
ground firmly set,marked and witnessed
Set over cor.and continue line E.
45.75 At this point I set off 13°0'S. on decl.arc and at 12h 14'22" p.m.
I observe the sun on the meridian.
The resulting lat.is 34°44'N. which is 30"greater than the proper lat.
79.97 Cor.of Secs.35 and 36 brs. N.which is a fieldspar 4x8x8 in.above
ground,firmly set,marked and witnessed.
I return to the cor.of Secs. 34 and 35,S.bdy.of T. 8 N.,R.16 W.
Thence I run N.89°40'E on a true line along S.bdy.Sec.35,over N.slope
through pine timber and brush.
.06 Set iron U.S. Forest Res.Bdy.Post No.65,30 in.in the ground,raised
mound of earth and stone,4 ft.base,1 ft.high around post marked
No.65 on S.side of cap
1905 on S.side of cap
Reserve in S.E.and S.W.quadrants;also marked T. 8 N.,S. 35 W.C.
in N.E.quadrant
R 16 W.,S 34 in N.W.quadrant,with 4 notches on W.and 2 notches
on E.edges of rim of cap.
.50 Leave timber brs. N. E. and S. W.
5.00 Leave oakbrush,enter prairie and sagebrush N. W. and S. E.
14.20 An old road brs. N. W. and S. E. Change to S.slope
20.00 Change to S. E. slope
23.70 Small drain,course S. E.
28.50 Small drain,course S.E.
30.00 Change to E.slope through scattering timber through brush.
35.40 Wash 50 lks.wide,course N. Ascend steep W.slope
37.65 Private wagonroad brs. N. E. and S. W.
39.00 Change to N. E slope.
40.05 $\frac{1}{4}$ sec.cor.
Thence I run N. 89°51'E
40.25 Same road brs. N 40 lks.course from N 80°W to N 60°E. Change to
E.W. slope through dense brush
45.75 Change to E.slope
56.50 Drain,course N 50 ft.descent,ascend N. W. slope
58.50 Top of spur,brs. N. & S. Descend steep E. slope.
61.70 Wire fence brs. N. 25°E.and S. 25°W.
63.00 Foot of 100 ft.descent N. & S.
63.80 A dry creek 20 lks.wide,course N.
64.05 A ~~mining~~ mining claim cor.brs. S. 27 lks.
64.50 Ascend steep N. W. slope.
74.25 Top of ridge brs. N. & S. 200 ft.ascent. Descend steep E.slope.
77.00 A ravine,course N. Ascend steep W. slope
79.97 Cor.of Secs. 1,2,35 and 36
Land mountainous,soil third rate. Timber pine,oak,dense brush.
Liveoak,manzanita,ironwood and chemise
Formation granite.

February 14,1905.

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Jan.11,1906,furnished by the Geological Survey.

February 19;

E.on a random line bet. Secs. 1 and 36

15.00 At this point at 9 a.m.,l.m.t.,I set off $34^{\circ}44'N$.on lat.arc and $11^{\circ}18'S$.on decl.arc and determine a meridian with the solar.

Var. $15^{\circ}45'E$.

40.15 $\frac{1}{4}$ sec.cor.brs. S. 11 lks.which is a granite stone $3x6x6$ in.above ground,firmly set,marked and witnessed
Set over cor.and continue line E.

80.25 Cor.of Tps. 7 and 8 N.,Rs.15 and 16W.brs. N. 6 lks.which is a granite stone $8x6x5$ in.above ground firmly set,marked and witnessed. I mark new bearing trees as follows:

A Pine 8 in.in diam.brs. S. $36^{\circ}W$ 140 lks.dist.marked
T.7 N.,R.16 W.,S.1 B.T.

Dig pits $24x24x12$ in.N.,S.and W. 4 ft.dist.and $\frac{1}{2}$ 8 ft.dist.

I return to the cor.of Secs. 1,2,35 and 36.

Thence I run S $89^{\circ}51'E$ on a true line bet. Secs. 1.and 36. Over W. slope through scattering pine and dense growth of liveoak brush.

.06 Set iron U.S. For.Res.Bdy. Post No. 66,24 in.in the ground. Raised mound of earth and stone 5 ft.base, $1\frac{1}{2}$ ft.high around post,marked

No.66 on S.side of cap

1905 on S.side of cap

Reserve in S. E. and S.W.quadrants,also marked

T.8 N.,S. 36 W. C. in N.E.quadrant

R 16 W.,S 1 in S.E.quadrant

T 7 N.,S. 2 in S.W. quadrant

S 35 in N.W.quadrant with 1 notch on E.and 5 notches on W.edges of rim.

4.75 Top of ridge brs. N. W. and S. E.

8.00 Drain,course W.

11.50 Change to N. slope

14.44 Wire fence, N. $20^{\circ}W$ and S. $20^{\circ}E$.

15.50 Drain,course N.E. Thence along N.slope

21.50 Change to N.E.slope

23.00 Drain,course N. Ascend N.W. slope

27.50 Top of ridge brs. N. & S. Descend gradual N. E. slope

38.65 Drain,course N. $60^{\circ}E$

40.15 $\frac{1}{4}$ sec.cor.

Thence I run N. $89^{\circ}55'E$

40.50 A rocky point brs. N.& S.

42.75 Small drain,~~xxxxxxx~~ course N.W. Ascend N.W.slope.

47.27 Top of ridge brs. N.E.and S.W. Descend gradual N.E.slope ~~thru right~~ through open scattering timber

49.15 Wire fence brs. N.E.and S.W.

63.00 Drain,course S.E. Change to gradual S.W.slope

77.00 Change to gradual S.E. slope

80.25 Cor.of Tps. 7 and 8 N.,Rs. 15 and 16 W.

Land rolling,soil third rate. Timber scattering pine and oak.
Liveoak brush. Formation granite.

At the cor.of Tps.7 and 8 N.,Rs.15 and 16 W.,I set off $11^{\circ}16'S$.on the decl.arc and at 12h 14' p.m.,l.m.t.observe the sun on the meridian. The resulting lat.is $34^{\circ}44'N$.which is about $30''$ greater than the proper lat.