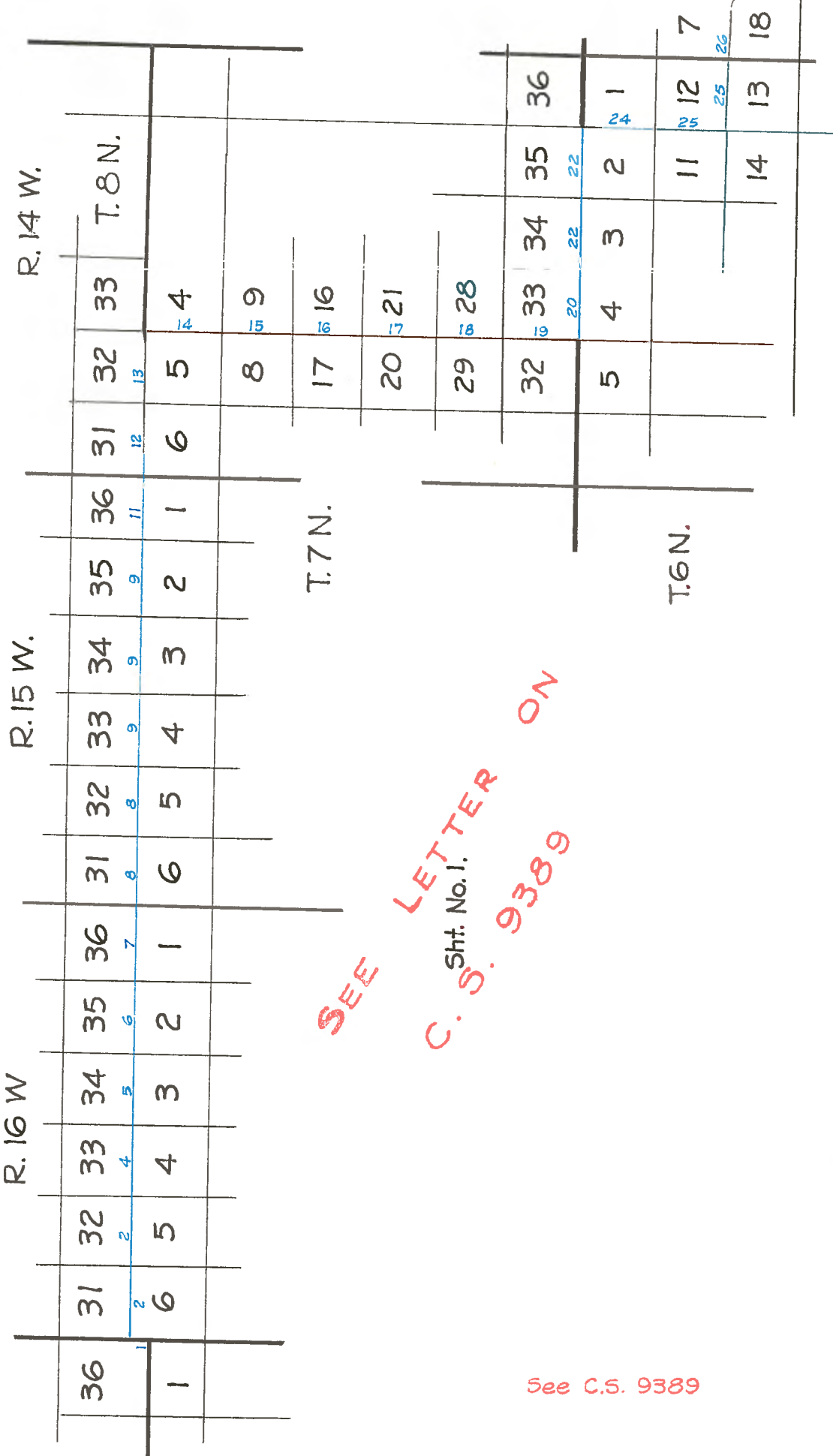
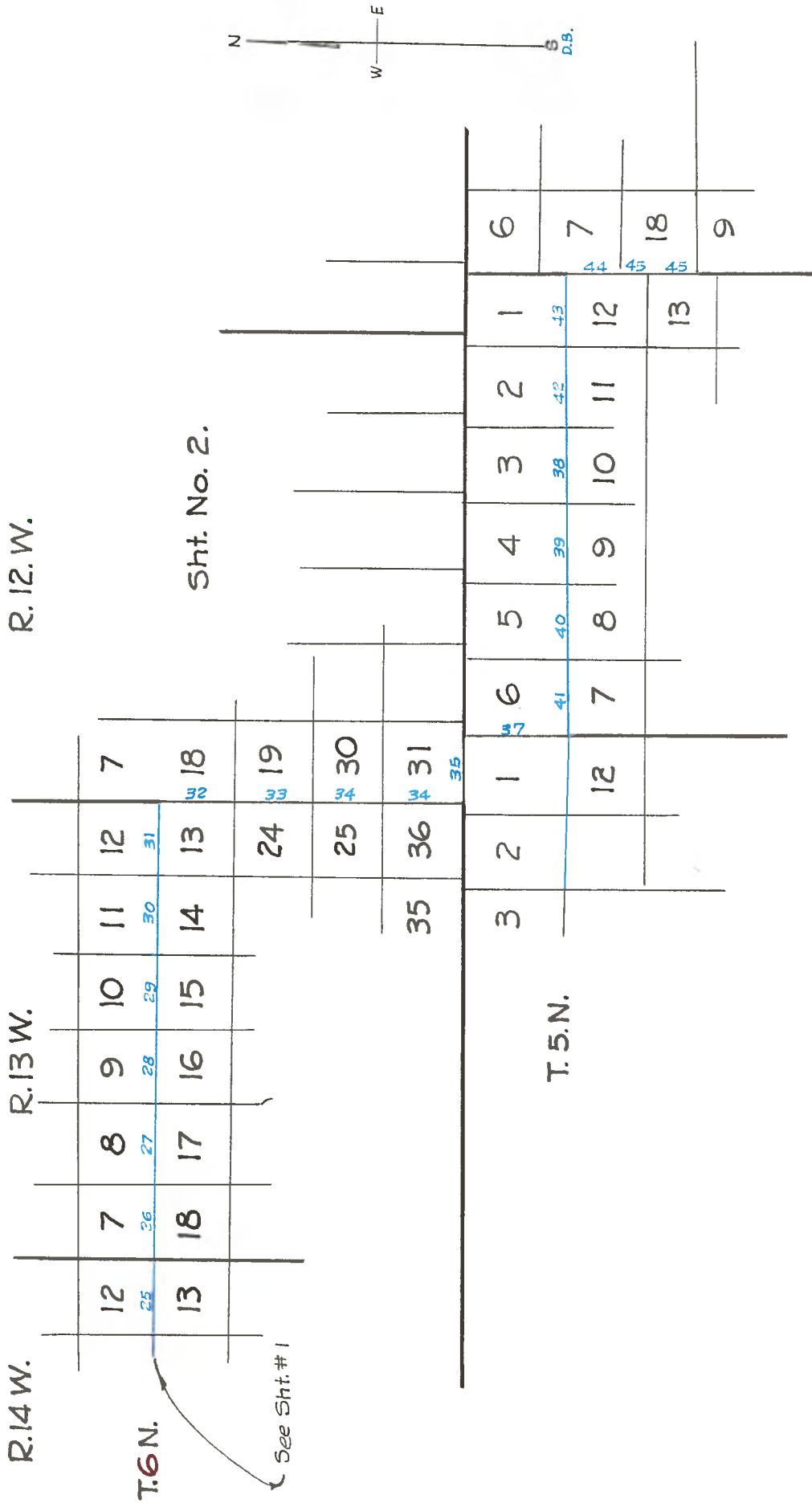


COPIED FROM NOTES FURNISHED THE COUNTY SURVEYOR  
 BY THE FOREST SUPERVISOR  
 OF THE SANTA BARBARA NATIONAL FOREST.

Filed Data  
 # 9206



See C.S. 9389



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.

CL

Copied from W.H.Thorn's Survey of Nov. 28, 1908<sup>4</sup>  
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 2  
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.,<sup>l.m.t.</sup>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  
 $\frac{1}{2}$  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  $\frac{1}{2}$  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.



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

- 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  
N.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.

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

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

- 40.82 Thence I run E.on a random line bet.Secs. 6 and 31  
Intersect  $\frac{1}{4}$  sec.cor.which is a granite stone 6x6x6 in.above ground,  
firmly set,marked and witnessed.
- 81.00 Continue random line east  
Cor.of Secs. 5,6,31 and 32 brs. N. 38 lks.which is a granite stone  
14x6x6 in.above ground,firmly set,marked and witnessed.  
Note: There is a wood post 4 in.sq. 12 in.above ground,set with a  
stone properly marked.
- .06 I return to the cor.of Tps. 7 and 8 N.,Rgs. 15 and 16 W.  
Thence I run E.on a true line bet. Secs. 6 and 31 over gradual E.  
slope,through scattering pine  
Set iron U.S.For.Res. Bdy. Post No.67, 30 in.in the ground,r<sup>aise</sup> a  
mound of earth and stone 4 ft.base,1 ft.high around post,marked  
No.67 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 31 W.C. in N.E. quadrant  
R.15 W.,S 6 in S.E. quadrant  
T 7 N.,S 1 in S.W. quadrant  
R 16 W.S 36 in N.W. quadrant with 6 notches on N,S,E.and W.  
edges of rim.
- 15.22 Change to E.slope,leave scattering pine timber
- 27.00 Enter scattering pine timber
- 29.00 Saddle divide brs. N.& S.
- 34.50 Breech's house brs. S.10 chs.
- 38.00 Foot of descent brs. N.& S. 400 ft.below township cor.  
Thence over level land through scattering yucca palms and sagebrush.
- 40.82  $\frac{1}{4}$  sec.cor.  
Thence I run N. 89°27'E
- 46.28 Road brs. N.E. and S.W.
- 60.50 Leave valley,ascend gradual W.slope
- 64.00 Wire fence brs. N.& S.
- 65.00 Top of low ridge brs. N.& S. Descend gradual E.slope
- 79.00 Road brs. N 20°W.and S 20°E.Thence over level land.
- 81.00 Cor.of Secs. 5,6,31 and 32  
Land ~~mountainous~~ level and mountainous.  
Soil third rate. Timber pine,sagebrush and yucca palms.
- 
- 40.25 E.on a random line bet.Secs. 5 and 32  
 $\frac{1}{4}$  sec.cor.brs. N 30 lks.which is granite stone 3x6x6 in.above  
ground,firmly set,marked and witnessed.  
Set over cor.and continue line E.
- 80.40 Cor.of Secs. 4,5,32 and 33 brs. N. 30 lks.which is a granite stone  
6x10x8 in.above ground,firmly set,marked and witnessed  
I return to the cor.of Secs. 5,6,31 and 32.

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

- Thence I run N 89°34'E on a true line bet. Secs. 5 and 32, over level land, through yucca palms and sagebrush.
- .06 Set iron U.S. for res. bdy. post No. 68, 30 in. in the ground. Raised mound of earth and stone 4 ft. base, 1 ft. high around post marked  
No. 68 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. quadrants  
R 15 W., S 5 in S.E. quadrants  
T 7 N., S 6 in S.W. quadrants, S 31 in N.W. quadrants, with 1 notch on W. and 5 notches on E edges of cap
- 2.95 Wire fence brs. N. & S.  
3.05 Wagonroad brs. N. & S.  
40.25  $\frac{1}{4}$  sec. cor.  
80.40 Cor. of Secs. 4, 5, 32 and 33  
Land level,  
Soil sandy, third rate.  
Yucca palm and sagebrush .
- 
- N 89°34'E on a random line bet. Secs. 4 and 33
- 40.06 Find no trace of  $\frac{1}{4}$  section cor.  
Set temp. Continue line E.
- 80.12 Find no trace of cor. of Secs. 3, 4, 33 and 34  
Set temp. cor. February 19, 1905.  
February 20:  
At 8 a.m., l.m.t., I set off 34°44'N on lat. arc and 10°57'S on decl. arc and determine a meridian with the solar. Continue random line E. bet. Secs. 3 and 34.
- 40.06 No trace of  $\frac{1}{4}$  sec. cor. Set temp  
80.12 No trace of cor. of Secs. 2, 3, 34 and 35  
Set temp. cor. Continue line E. bet. Secs. 2 and 35
- 40.06 No trace of  $\frac{1}{4}$  sec. cor. Set temp.  
80.18 Cor. of Secs. 1, 2, 35 and 36 brs. S 3 lks. which is a granite stone 5x4x4 in. above ground, firmly set, marked and witnessed.  
A redwood post 4 in. sq. 24 in. above ground set on the N. side of stone properly marked  
This falling and distance answers to a correction of 30 seconds per mile and 2 lks. east per mile.  
Note: I make inquiries of the settlers along this line in regard to the missing cor; they state that corners were destroyed by unknown parties.  
I return to the cor. of Secs. 4, 5, 32 and 33  
Thence I run N. 89°33'30"E on a true line bet. Secs. 4 and 33, over level land, through scattering yucca palm
- .06 Set iron U.S. for res. bdy. post No. 69, 30 in. in the ground, raised mound of earth 4 ft. base, 1 ft. high around post marked;

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No.69 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. 33 W.C.  
in N.E.quadrant.  
R.15 W.,S. 4 in S.E.quadrant.  
T 7 N.,S. 5 in S.W.quadrant  
S 32 in N.W.quadrant,with 2 notches on W.and 4 notches on E.  
edges of rim.

- 4.00 Dim road brs. N. & S.  
40.07 Set a granite stone 23x12x11 in. 17 in.in the ground for  $\frac{1}{4}$  sec.cor.  
marked  $\frac{1}{4}$  on N.face,dig pits 18x18x12 in. E.& W.of cor.  $3\frac{1}{2}$  ft.dist.  
raised mound of earth  $3\frac{1}{2}$  ft.base, $1\frac{1}{2}$  ft.high N.of cor.  
55.00 Wagonroad brs. N. 60° E.and 60°W. Thence over gradual N.slope through  
prairie.  
80.14 Set a granite 20x14x10 in. 15 in.in the ground marked with 3 notches  
on E.and W.edges,dig pits 18x18x12 in. in each section  $5\frac{1}{2}$  ft.distant,  
raised mound of earth 5 ft.base, $2\frac{1}{2}$  ft.high N.of cor.  
Land level and gently rolling  
Soil sandy,third rate  
Scattering yucca palms and sagebrush on first half mile.

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N.89°33'30"E.on a true line bet.secs. 3 and 34 over nearly level land,  
through prairie.

- .06 Set iron U.S. for res.bdy. post No. 7 O, 30 in. in the ground,raised  
mound of earth 4 ft.base,1 ft. high around post,marked:  
No.70 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.15 W.,S. 3 in S.E.quadrant  
T 7 N.,S 4 in S.W.quadrant  
S 33 in N.W.quadrant,with 3 notches on E.and W.edges of rim  
3.85 S.W.cor.of field brs. N. 10 lks. Thence along center of dim road and  
wire fence  
14.00 Ascend gradual N.W. slope.  
16.00 Top of bench,thence over level land.  
26.00 S.W.cor.of barn brs. N.5°25'W 240 lks.dist.  
40.07 Set a granite stone 24x10x8 in. 18 in. in the ground marked  $\frac{1}{4}$  on N.  
face,dig pits 18x18x12 in. E.and W.of cor.  $3\frac{1}{2}$  ft.dist. Raised mound  
of earth 3 ft.base, $1\frac{1}{2}$  ft.high W.of cor.

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Jan.11,1906,furnished by Geological Survey.

- 72.00 Bench 8 ft.high brs. N.& S.  
80.14 Set a granite stone 15x8x6 in. 10 in. in the ground for cor.of  
Secs. 2,3,34 and 35,marked with 4 notches on W.and 2 notches on E.  
faces,dig pits 18x18x12 in. in each section,5½ ft.dist. Raised  
mound of earth 5 ft.base,2½ ft.high N.of cor.  
Land level.  
Soil sandy, third rate.  
No timber or brush.
- N.89°33'30"E.on a true line bet.Secs. 2 and 35 over level land.  
.06 Set iron U.S. For. Res. Bdy.Post No. 71,30 in. in the ground,raised  
mound of earth,4 ft.base, 1 ft.high around post,marked:  
No. 71 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 in N.E.quadrant  
R. 15 W.,S. 2 in S.E. quadrant  
T. 7 N., S. 3 in S.W.quadrant  
S. 34 in N.W.quadrant with 2 notches on E.and 4 notches on W.  
edges of rim of cap.
- 5.50 Old Tejon and Los Angeles wagonroad brs. N.W.and S.E.  
12.30 Ascend gradual N.W. slope of round hill  
15.00 Top of hill,thence over gradual S.E.slope  
25.00 Lancaster and Fairmont wagonroad brs. N.E.and S.W.  
Thence over gently rolling land  
36.30 Wash 10 lks. wide,course N.E.  
40.07 Set a granite stone 15x12x8 in. 10 in. in the ground (deposited  
marked stone 5x5x4 in. 24 in. in the ground under stone) for qr.sec.  
cor.marked ¼ on N.face.  
Dig pits 18x18x12 in. E.and W.of cor. 3½ ft.dist.  
Raise d mound of earth 3½ ft.base,1½ ft.high N.of cor.
- 67.20 Ascend gradual S.W. slope  
78.50 Top of low ridge brs. N.& S. De\_sce nd gradual S.E. slope  
80.14 Cor.of Secs. 1,2,35 and 36, (T 7 and 8 N.R.15W.)  
Land level and gently rolling.  
Soil sandy,third rate.  
No timber of brush.
- N.89°34'E on a random line bet. Secs. 1 and 36  
40.06 Find no trace of ¼ sec.cor. Set temp.cor. Continue line E.  
80.16 Intersect cor. of Tps. 7 and 8 N.,Rs.14 and 15 W.,  
which is a granite stone 6x6x6 in. above ground furmly  
set,witnessed and marked  
I return to the cor .of Secs. 1,2,35 and 36.

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- .06 Thence I run N.  $89^{\circ}34'$  E. on a true line bet. Secs. 1 and 36 over gradual S.E. slope in prairie.  
Set iron U.S. for res. bdy. post No.72 set 30 in. in the ground.  
Raised mound of earth 4 ft. base, 1 ft. high around post marked  
No.72 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. quadrants  
R.15 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 cap.
- 10.00 Dim road brs. N.E. and S.W.  
14.88 Cram's stone at Fairmount brs. N.  $14^{\circ}30'$  E.  
21.00 Small drain, course N.E.  
25.00 Wire fence brs. N. & S. Enter level land
- 40.08 Set a granite stone  $15 \times 11 \times 7$  in. 10 in. in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on N. face, dig pits  $18 \times 18 \times 12$  in. E. and W. of cor.  $3\frac{1}{2}$  ft. dist.  
Raised mound of earth and stone  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 45.50 Dim road brs. N.W. and S.E.  
45.58 Cram's stone brs. N.  $46^{\circ}10'$  W  
60.54 Fairmount and Lancaster wagonroad brs. S  $66^{\circ}$  E. and N  $58^{\circ}$  W  
62.24 Set iron U.S. For. Res. Bdy. Post No.73, 30 in. in the ground, raised  
mound of earth 4 ft. base, 1 ft. high, around post marked  
No.73 on S. side of cap  
1905 on S. side of cap  
Reserve in S.E. and S.W. quadrants
- 80.16 Cor. of Tps. 7 and 8 N., Rs. 14 and 15 W.  
At this cor. I set off  $10^{\circ}55'$  S. on decl. arc and 12h 13' 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 correct lat.  
Land level and gently rolling. Soil sandy, third rate.  
No timber or brush.  
From this Tp. cor. a windmill brs. N.  $67^{\circ}30'$  E.
- 
- N. Bdy. Tp. 7 N., R. 14 W.
- Note: Failed to find Norway's cor. of Tps. 7 and 8 N., Rs. 14  
and 15 W., described in field notes of N. Bdy. of Tp. 7 N., R. 15 W.,  
surveyed in 1891; thence I run E. on a random line bet. Secs. 6 and 31
- 40.00 Find no trace of  $\frac{1}{4}$  sec. cor. Continue line E.  
80.00 Find no trace of cor. of 8 secs. 5, 6, 31 and 32  
Set temp. Cor.



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- Continue random line E.bet. Secs. 5 and 32
- 44.16  $\frac{1}{4}$  sec.cor.brs. N. 243 lks.which is a gr anite stone 4x6x6 in.  
above ground firmly set, and marked  $\frac{1}{4}$  on N.face.  
Continue random line E.
- 84.24 Cor.of Secs. 4,5,32 and 33 brs. N. 260 lks.which is a granite  
stone 3x6x8 in.above ground,firmly set and marked with two notches  
on W.and 4 notches on E.faces.  
I return to the cor.of Tps.7 and 8 N, Rs.14 and 15 W.  
Thence I run N.88°51'E.on a true line bet. Secs. 6 and 31,  
over level land
- .06 Set iron U.S. For.Res.Bdy.Post No.74,30 in. in the ground,raised  
mound of earth 4 ft.base,1 ft.high around post marked,  
No. 74 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. 31 W.C. in N.E. quadrant  
R. 14 W.,S. 6 in. S.E. quadrant  
T. 7 N.,E. 1 in S.W. quadrant  
R.15 W.,S 36 in. N.W. quadrant with 6 notches on N,S,E.and W.  
edges of rim
- 44.16 Set a granite stone 16x11x8 in. 10 in. in the ground for  $\frac{1}{4}$  sec.cor.  
marked  $\frac{1}{4}$  on N.face,dig pits 18x18x12 in.E.and W. of cor.  $3\frac{1}{2}$  ft.  
dist. Raised mound of earth N.of cor.  
Note: This correction for  $\frac{1}{4}$  cor.agrees with old fence line. For  
this reason throw all the excess on west half of mile.  
Windmill brs. N.30°30'W from  $\frac{1}{4}$  Sec.cor.  
Old road brs. N.60°W and S 60°E
- 57.50 Top of same hill brs. N.& S. Descend gradual E.slope  
67.00 Same road brs. N.E.and S.W.  
73.50 Set a granite stone 16x10x9 in. 10 in.in the ground for cor.of  
84.16 Secs. 5,6,31 and 32 marked with 1 notch on west and five notches  
on E.faces;dig pits 18x18x12 in. in each section, $5\frac{1}{2}$  ft.dist.  
Raised mound of earth 5 ft.b ase, $2\frac{1}{2}$  ft.high N. of cor.  
Land level and rolling  
Soil sandy,third rate  
No timber or brush.
- North 88°53'E.on a true line bet.Secs.5 and 32 over level land,  
through prairie
- .06 Set iron U.S.For Res.Bdy.Post No.75,30 in. in the ground,raised  
mound of earth 4 ft. base 1 ft.high around post marked  
No. 75 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.14 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



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

- 5.80 Old road N. & S.  
 6.90 Small drain, Course S.E.  
 14.70 Old road brs. N. 60°W and S. 60°E.  
 Ascend gradual S.W. slope  
 40.00  $\frac{1}{4}$  sec. cor.  
 Thence I run N. 89°45'E. over level land along old road  
 80.08 Cor. of Secs. 4, 5, 32 and 33 heretofore described  
 Land level and rolling. Soil sandy, third rate.  
 No timber or brush  
 Land has been cultivated on both sides of line but now abandoned.  
 February 20, 1905.
- February 21:  
 At the cor. of Secs. 4, 5, 32 and 33, N. Bdy. T. 7 N. R. 14 W., at 8 a.m.,  
 l.m.t., I set off 34°44' N. on lat arc and 10°36' S on decl. arc and  
 determine a meridian with the solar.  
 Thence I run S. on a random line bet. Secs. 4 and 5  
 38.90  $\frac{1}{4}$  sec. cor. brs. W. 45 lks. which is a redwood post 4 in. sq., 6 in. above  
 ground, firmly set and marked.  
 I set a granite stone 16x12x7 in. 10 in. in the ground, alongside the  
 post, marked  $\frac{1}{4}$  on W. face; dig pits 18x18x12 in. N. & S. of cor.  $3\frac{1}{2}$  ft.  
 dist. Raised mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor. Set over  
 cor. and continue line south.  
 79.73 Cor. of Secs. 4, 5, 8 and 9 br. 51 lks. which is a redwood post 4 in. sq.  
 even with the top of ground in mound of earth, properly marked. I set  
 a granite stone 17x12x8 in. 12 in. in the ground with the post, marked  
 4 notches on E. and 5 notches on S. faces; dig pits 18x18x12 in. in each  
 section  $5\frac{1}{2}$  ft. dist.  
 Raised mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high W. of cor. I return to the  
 cor. of Secs. 4, 5, 32 and 33.  
 Thence I run S. 0°39' W on a true line bet. Secs. 4 and 5 over nearly  
 level land, once cultivated land, along Kern River Power Co. Line, west  
 line of poles.  
 .06 Set iron U.S. For. Res. Bdy. Post No. 76, 30 in. in the ground, raise mound  
 of earth 4 ft. base, 1 ft. high around post marked,  
 No. 76 on S. side of cap  
 1905 on S. side of cap  
 Reserve in S.W. quadrant, also marked  
 T 8 N., S. 33 W. C. in N.E. quadrant  
 R 14 W., S. 4 in. S.E. quadrant  
 T 7 N., S 5 in. S.W. quadrant  
 S 32 in N.W. quadrant with 2 notches on W. and 4 notches on E.  
 edges of rim.  
 38.90  $\frac{1}{4}$  sec. cor.  
 Thence I run S 0°44' W  
 39.20 Descend steep south slope  
 44.00 Change to level land east and west

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- 63.70 Fairmount and Lancaster road brs. N 60°W and S 60°E  
Ascend gradual N.slope.
- 61.30 Set iron U.S.For.Res.Bdy.Post No.77,30 in. in the ground,raised  
mound of earth 4 ft.base,1 ft. high around post marked  
No. 77 on S. side of cap  
1905 on S. side of cap  
Reserve in S.W.and N.W.quadrants
- 68.25 Change to gradual S.slope.
- 78.00 Change to level land east and west
- 79.73 Cor.of Secs. 4,5,8 and 9  
From this cor.an old adobe wall brs. N.74°E 121 lks.  
Land level and rolling  
Soil sandy third rate.
- 
- 40.00 South on a random line bet. Secs. 8 and 9  
Find no trace of  $\frac{1}{4}$  sec.cor. Set temp.and continue line S.
- 80.48 Cor.of Secs. 8,9,16 and 17 brs. E 70 lks.which is a redwood post 4 in.  
sq.,1 ft.above ground,firmly set and marked. I set a granite stone  
20x8x6 in. 15 in. in the ground,with the post,marked with 4 notches  
on S.and 4 notches on E.faces. Dig pits 18x18x12 in. in each section,  
5 $\frac{1}{2}$  ft.dist.,raised mound of earth 5 ft.base,2 $\frac{1}{2}$  ft.high W.of cor. I  
return to the cor.of Secs. 4,5,8 and 9.  
Thence I run S.0°30'E. on a true line bet. Secs. 8 and 9.
- .06 Set iron U.S.For.Res. Bdy. Post No.78,30 in. in the ground,raised  
mound of earth 4 ft.base,1 ft.high around post,marked  
No.78 on S.side of cap  
1905 on S.side of cap  
Reserve in S.W.and N.W.quadrants,also marked  
T.7 N.,S 4 W.C.in N.E.quadrant  
R.14 W.,S 9 in S.E.quadrant  
S 8 in. S.W.quadrant  
S 5 in N.W.quadrant,with 5 notches on S.and 4 notches on E.edges  
of rim  
Thence over level land.
- 9.00 A small drain N.E.
- 15.00 Leave valley,ascend N.W.slope brs. N.E.and S.W.
- 19.50 Top of hill brs. E.and W. Descend S.E.slope
- 24.00 Drain,N.E. Ascend N.W.slope
- 31.30 Change to S.E.slope
- 38.00 Small drain,course N.E.
- 39.80 Wire fence E.and W.
- 40.24 Set a granite stone 22x12x9 in. 16 in.in the ground for  $\frac{1}{4}$  sec.cor.  
marked  $\frac{1}{4}$  on W.face.  
Dig pits 18x18x12 in. N.&S.of cor. 3 $\frac{1}{2}$  ft.dist.  
Raised mound of earth 3 $\frac{1}{2}$  ft:base,1 $\frac{1}{2}$  ft.high W.of cor. Thence along  
gradual E.slope
- 49.10 A dim road brs. N.E. and S.W. Enter level land.

- 61.00 Enter a dry wash 100 lks.wide from S. to N.E.  
67.00 Leave wash from S.W.to N. Ascend N.W. slope  
75.00 Change to level land,brs. N.E.and S.W.  
80.48 Cor.of Secs. 8,9,16 and 17.  
Land level and rolling.  
Soil sandy,third rate.
- 
- 40.00 South on a random line bet. Secs. 16 and 17  
No trace of  $\frac{1}{4}$  sec.cor. Set temp. cor. Continue line south.  
80.54 Cor.of Secs. 16 and 17,20 and 21 brs. E 79 lks. which is a granite  
stone 4x4x4 in. above ground,firmly set,marked and witnessed. I return  
to the cor.of Secs. 8,9,16 and 17  
Thence I run S 0°34'E on a true line bet.Secs. 16 and 17  
Over level land, through prairie.  
.06 Set iron U.S. For. Res.Bdy.Post No.79,30 in. in the ground,raised  
mound of earth 4 ft.base,1 ft.h igh around post,marked  
No.79 on S.side of cap  
1905 on S.side of cap  
Reserve in S.W. and N.W. quadrants  
Also marked  
T 7 N.S 9 W.C. in N.E.quadrant  
R 14 W.,S.16 in S.E. quadrant  
S 17 in S.W.quadrant  
S 8 in N.W.quadrant,with 4 notches on E.and S.edges of rim  
From this sec.cor.W.line of poles of Kern River Power Co.br. E 38lks.  
17.00 Change to gradual S.E. slope  
23.48 Set iron U.S. For.Res.Bdy.Post No.80,30 in. in the ground,raised  
mound of earth 4 ft.base,1 ft.high around post marked  
No.80 on S.side of cap  
1905 on S.side of cap  
Reserve in S.W.and N.W.quadrants  
24.40 Tejon Pass Road N.E.and S.W.  
26.45 Ravine 15 lks.wide,5 ft.deep,course N.E. An old road washed out.  
32.00 Small drain,course N.E. Ascend gradual N.W.slope  
37.75 Change to gradual S.W.slope  
40.27 Set a granite stone 20x11x8 in. 15 in. in the ground for  $\frac{1}{4}$  sec.cor.  
marked  $\frac{1}{4}$  on W.face,dig pits 18x18x12 in. N.and S.of cor.  $3\frac{1}{2}$  ft.dist.,  
raised mound of earth  $3\frac{1}{2}$  ft.base, $1\frac{1}{2}$  ft.high W.of cor.  
41.25 Dim road brs. E.and W.  
68.00 Change to gradual S.E. slope  
71.00 Road brs. N.E.and S.W.  
72.50 Small drain,course N.E. Ascend gradual N.W.slope.

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Jan.11,1908,furnished by Geological Survey.

- 75.00 Change to gradual N.E. slope  
80.54 Cor.of Secs. 16,17,20 and 21  
Land level and rolling  
Soil sandy,third rate.
- 
- S.on a random line bet. Secs. 20 and 21  
40.11 Intersect  $\frac{1}{4}$  sec.cor.which is a granite stone 2x8x6 in.above ground  
firmly set,marked and witnessed.  
79.83 Cor.of Secs. 20,21,28 and 29,brs. E 41 lks.which is a granite stone  
5x8x10 in. above ground,firmly set, marked and witnessed.  
I return to the cor.of Secs. 16,17,20 and 21,thence  
I run S.on a true line bet.Secs. 20 and 21,over nearly level land  
along W.line of Kern River Power Co.poles.  
.06 Set iron U.S. For.Res.Bdy.Post No.81,30 in. in t~~h~~e ground,raised  
mound of earth 4 ft.base, 1 ft. high around post,marked  
No.81 on S. side of cap  
1905 on S.side of cap  
Reserve in S.W.and N.W.quadrants,also marked  
T. 7 N.,S. 16 W.C. in N.E. quadrant  
R. 14 W.,S. 21 in S.E. quadrant  
S 20 in S.W. quadrant  
S 17 in N.W.quadrant with 4 notches on E.and 3 notches on S.  
edges of cap.
- 3.75 Change to S.slope  
6.50 A dry wash 20 lks.wide,course N.E. Thence over level land  
12.50 Ascend N.W.slope  
15.50 Change to S.W.slope  
18.00 Enter level land N.E. and S.W.  
29.50 Ascend N.W. slope  
32.00 Top of spur brs. N,E. and S.W. Thence along E.slope  
37.50 Change to gradual N.E.slope  
38.80 Wire fence N 30°E and S 30°W  
40.11  $\frac{1}{4}$  sec.cor.  
At this  $\frac{1}{4}$  sec.cor.I set off 10°33'S.on decl.arc and at 12h 13'57"  
p.m.,l.m.t.observe the sun on the meridian.The resulting lat.is 34°  
41'N. which is about 30" g reater than the proper lat.  
Thence I run S. 0°35'E  
45.00 Change to gradual N.slope  
51.75 Change to gradual S.slope  
53.00 Change to gradual N.E. slope  
58.00 Drain,course N.E. Enter liveoak and chemise brush brs. E.and W.  
Ascend steep N.slope.  
66.25 Top of spur brs. E.and W.,100 ft.ascent  
Descend steep S.W. slope  
69.00 A dry wash 20 lks.wide,course N.W. Foot of 100 ft. descent  
72.50 Ascend steep N.slope  
79.83 Cor.of Secs. 20,21,28 and 29

Land mountainous and level  
Soil second and fourth rate.  
Timber liveoak, dense growth of chemise and liveoak brush

- South on a random line bet. Secs. 28 and 29
- 40.35  $\frac{1}{4}$  sec. cor. brs. E 7 lks. which is a granite stone 3x6x8 in. above ground, firmly set and marked.  
I dig pits 18x18x12 in. N. and S. of cor.  $3\frac{1}{2}$  ft. dist. Raised mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Ser over cor. and continue line S.
- 79.73 Cor. of Secs. 28, 29, 32 and 33 brs. W. 12 lks. which is a granite stone 2x6x6 in. above ground, firmly set, marked and witnessed.  
I return to the cor. of Secs. 20, 21, 28 and 29,  
Thence I run S  $0^{\circ}6'E$  on a true line bet. Secs. 28 and 29 over steep N.E. slope, through brush along W. line of poles of Kern River Power Co.
- .06 Set iron U.S. For. Res. Bdy. Post No. 82, 30 in. in the ground, raised mound of earth and stone 4 ft. base, 1 ft. high around post, marked No. 82, on S. side of cap  
1905 on S. side of cap  
Reserve in S.W. and N.W. quadrants, also marked  
T 7 N., S. 21 W. C. in N.E. quadrant  
R 14 W., S. 28 in S.E. quadrant  
S 29 in S.W. quadrant  
S 20 in N.W. quadrant with 4 notches on E. and 2 notches on S. edges of rim
- 1.50 Top of ascent 200 ft. brs. E. and W. Thence over steep S.E. slope
- 7.37 Draw, course N.E., 200 ft. descent, ascent steep N.W. slope.
- 12.50 Change to gradual N.W. slope
- 22.00 Leave brush, enter prairie brs. E. and W.
- 22.63 Wire fence brs. E. and W.
- 26.00 Top of ridge brs. N.W. and S.E. 500 ft. ascent
- 30.00 Descend steep S.W. slope
- 34.00 Change to gradual S.E. slope
- 40.35  $\frac{1}{4}$  sec. cor.  
Thence I run S.  $0^{\circ}10'W$
- 47.50 Change to steep S.E. slope
- 51.00 A dry wash 50 lks. wide, course S.W. Ascending steep N.W. slope
- 55.80 Change to S.E. slope
- 60.50 Enter ravine 50 lks. wide, 20 ft. deep, course S.W.  
Thence along gradual S. slope
- 79.50 Wire fence, enter road brs. E. and W. (Elizabeth Lake and Lancaster Road)
- 79.73 Cor. of Secs. 28, 29, 32 and 33  
Land mountainous, soil third rate  
Timber live oak, live, (?) manzanita and chemise brush  
Formation granite.

Feb. 21, 1905.

February 22:

At the cor. of Secs. 28, 29, 32 and 33, T. 7 N., R. 14 W., at 10 a.m., l.m.t., I set off  $34^{\circ}40'N.$  on lat. arc and  $10^{\circ}12'S.$  on decl. arc and determine a meridian with the solar.

Thence I run S. on a random line bet. Secs. 32 and 33.

40.15  $\frac{1}{4}$  Sec. cor. brs' E 31 lks. which is a granite stone 4x8x8 in. above ground, firmly set and marked; I dig pits 18x18x12 ins. N. and S. of corner,  $3\frac{1}{2}$  ft. dist. Raised mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

Set over cor. and continue line S.

80.45 Cor. of Secs. 32 and 33, S. Bdy. of T. 7 N., R. 14 W. brs. E 26 lks. which is a tapering granite stone 6 in. above ground, firmly set, marked and witnessed. The old post 3 in. sq. one ft. high, set on W. side of stone I return to the cor. of Secs. 28, 29, 32 and 33

Thence I run S.  $0^{\circ}27'E.$  on a true line bet. Secs. 32 and 33, over gradual S. slope in road.

.41 Set an iron U.S. For. Res. Post No. 83, 30 in. in the ground, raised mound of earth and stone 4 ft. base 1 ft. high around post, marked

No. 83 on S. side of cap

1905 on S. side of cap

Reserve in S.W. and N.W. quadrants, also marked *T. 7 N. S. 28 W. in NE. quad.*

R. 14 W., S. 33 in S.E. quadrants

S 32 in S.W. quadrant

S 29 in N.W. quadrant with 4 notches on E. and 1 notch on S. edges of rim of brass cap.

.48 Wire fence brs. E. and W. Leave road, enter cultivated field.

1.08 Wire fence brs.  $N. 20^{\circ}W.$  and  $S. 20^{\circ}E.$  Leave cultivated field, enter wagonroad, Los Angeles to Tejon Pass Road.

3.50 A creek 20 lks. wide, 5 ft. banks, course W.

6.00 Wire fence brs.  $N. 20^{\circ}W.$  and  $S. 20^{\circ}E.$  Enter cultivated fields.

19.10 Top of low ridge brs. E. and W. Descend in pasture

From this point schoolhouse brs.  $S. 31^{\circ}45'E.$

26.25 Same creek, course N.E. Thence over nearly level land

28.00 Kern Riv. Power Co. Bldg. brs. E 50 lks.

37.00 Wire fence brs.  $N. 20^{\circ}W.$  and  $S. 20^{\circ}E.$  Leave field, enter wagonroad.

✓ 40.15  $\frac{1}{4}$  sec. cor.

Thence I run  $S. 0^{\circ}22'E.$

40.20 A small drain, course W.

41.00 Wire fence brs.  $S. 20^{\circ}E.$  and  $N. 40^{\circ}W.$  Enter field

43.45 Wire fence E. and W. Leave field.

45.30 Wire fence E. and W. and  $N. 10^{\circ}E.$  Enter road

46.50 Elizabeth Lake Store and Postoffice brs. W. 2 lks.

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

- 48.90 Ascend gradual N.W.slope  
50.25 Change to S.W. slope  
56.45 Same creek,20 lks.wide,course N. 60° W. Ascend steep N.E .slope  
60.20 Top of spur brs. N.E.and S.W.  
60.50 A farm house brs. S 43° E.about 5 chs.dist.  
63.60 A dry wash 10 lks.wide,course N.E.  
65.35 Los Angeles and Tejon Pass Road N.20°E and S 20°W. At this point  
I set off 10°10'S.on decl.arc and at 12h 13'43" p.m.,l.m.t.,observe  
the sun on the meridian. The rwsulting lat. is 34°39'which is about  
the true lat.
- 65.00 Wire fence brs. N 20°E.and S 20°W. Enter cultivated field.  
78.00 Top of spur brs. N.E.and S.W.  
79.00 Head of small drain,course N.E. Ascend gradual N.E.slope.  
80.42 Wire fence brs.. N.& E.  
80.45 Cor.of Secs.. 32 and 33 S .Bdy.. T 7 N.R.14 W.  
Land rolling and level. Soil second and third rate.  
Open sc attering cottonwood and willow trees along creeks  
Formation granite.
- 
- S. Bdy.. T.7 N.,R.14 W.  
At t he cor.of Secs.. 32 and 33,S.Bdy.. T.7 N.R, 14 W.at 2 p.m.,  
l.m.t.,I set off 39'N.on lat.arc and 10°9'S.on decl.arc and  
determine a meridian with the solar.  
Thence I run E .on a random line bet. Secs. 4 and 33  
40.49  $\frac{1}{2}$  sec.cor .brs. N.17° lks. dist.which is a granite stone 3x6x8 in.  
above ground,firmly set,marked and witnessed. Set over cor. and  
continue line E.  
80.54 Cor.of Secs.. 3,4,33 and 34,brs.. N 24 lks.dist.which is a granite  
stone 3x6x3 in.above ground,firmly set and marked,also old post 3  
in.sq. 1 ft.above gr\_ound set with stone properly marked.  
I return to the cor.of Secs.. 4,5,32 and 33  
Thence I run N.89°45'E.on a true line bet.Secs. 4 and 33  
.06 Set iron U.S.For.Res.Bdy.Post No.84,30 in.in the ground,raised mound  
of earth and stone 4 ft.base,1 ft. high around post,marked  
No.84 on S.side of cap  
1905 on S.side of cap  
Reserve in S.E.,S.W.and N.W.quadrants,also marked:  
T.7 N.,S.33 W.C. in N.E.quadrant  
R.14 W.,S. 4 in S.E. quadrant  
T. 6 N.,E. 5 in S.W. quadrant  
S. 32 in N.W.quadrant with 2 notches on W.and 4 notches on E.  
edges of rim.



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

- .22 Kern Riv.Power Co's.Line brs. N.& S.  $34^{\circ}30'W$   
Thence over gradual E.slope along wire fence  
2.30 Drain,course N. Ascend  
4.70 Top of low ridge brs. N.& S. Descend N.E.slope  
9.50 A ravine 20 lks., <sup>wide</sup> 4 ft.deep,course N.  
12.10 Low ridge brs. N.& S.  
13.60 Ravine 20 lks.wide, 5 ft.deep,course N.  
16.65 Spur brs. N.& S.  
19.68 Descend gradual N.E.slope  
20.75 Ravine 20 lks.wide, 4 ft.deep,course N.W. Ascend  
29.26 Change to gradual N.E.slope  
39.40 Wire fence brs. N.  $71^{\circ}30'W$  and E.  
Enter Palmdale Road.  
40.49  $\frac{1}{4}$  sec.cor.previously described. From this cor.a house brs.  $S.28^{\circ}E$   
Thence I run  $N.89^{\circ}39'E$  along road,nearly level land.  
54.15 Set bdy.post No.85, 30 in. in the ground,raised mound of earth and  
stone 4 ft.base, 1 ft.high around post, marked  
No.85 on S.side of cap  
1905 on S.side of cap  
Reserve in S.E.and S.W.quadrants  
From this post same house brs.  $S.42^{\circ}30'W$   
54.16 Wire fence. Leave road from west to south  $60^{\circ}E$   
Ascend gradual S.W.slope  
66.50 Top of ridge brs. N.& S. Descend gradual S.E.slope  
69.00 A small drain,course S.E.  
72.00 Change to gradual S.E.slope  
74.00 Change to gradual S.W.slope  
80.48 Set bdy.post No.86, 30 in. in the ground,raised mound of earth and  
stone 4 ft.base, 1 ft.high around post,marked.  
No.86 on S. side of cap  
1905 on S.side of cap  
Reserve in S.E.and S.W.quadrants,also marked  
T 7 N., S 34 W.C. in N.E.quadrant  
R 14 W., S 3 in S.E.quadrant  
T 6 N., S 4 in S.W. quadrant  
S 33 in N.W.quadrant with 3 notches on E.and W.edges of rim  
80.54 Cor.of Secs. 3,4,33 and 34.  
Land rolling and level. Soil second and third rate. February 22,1905.

February 23:

At the cor.of Secs.3,4,33 and 34,S.Bdy.T.7 N.,R.14 W.,at 10 a.m.  
l.m.t.,I set off  $34^{\circ}39'$  on lat.arc and  $9^{\circ}52'S$  on decl.arc and  
determine a meridian with the solar



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

- Thence I run E. on a random line bet. Secs. 3 and 34.
- 40.86  $\frac{1}{4}$  sec. cor. brs. N 6 lks. dist. which is a cedar post 3 in. sq. 1 ft. high, firmly set, marked and witnessed. I mark a granite stone 16x10x8 in. set 12 in. in the ground W. of post, marked  $\frac{1}{4}$  on N. face  
 Set over gr. cor.  
 Thence I continue E.
- 80.76 Cor. of Secs. 2, 3, 34 and 35 brs. N 5 lks. dist. which is a granite stone 5x6x6 in. above ground, firmly set, marked.  
 I dig pits 18x18x12 in. in each section, 5 $\frac{1}{2}$  ft. dist., raised mound of earth 5 ft. base, 2 $\frac{1}{2}$  ft. high N. of cor.  
 I return to the cor. of Secs. 3, 4, 33 and 34  
 Thence I run N. 89°55'E on a true line bet. Secs. 3 and 34, over gradual S.W. slope, along wire fence  
 Cor. wire fence E. and W. and S.  
 Enter brush brs. N.W. and S.E.  
 21.25 Top of ridge brs. N. & S.  
 22.50 Small drain, course S.  
 23.80 Head of small drain, S.W.  
 27.00 Top of ridge brs. N. & S. Descend steep N.E. slope.  
 28.00 Drain, course N 150 ft. descent. Ascend steep W. slope  
 34.30 Change to steep N.E. slope  
 38.50  $\frac{1}{4}$  sec. cor. previously described. Wire fence E. and W. and S. from  $\frac{1}{4}$  sec. cor.  
 40.86 Thence I run N. 89°56'E  
 42.80 Change to gradual N.W. slope  
 47.10 Wire fence brs. N 80°W and S 80°E  
 61.00 Enter meadow brs. N.W. and S.E. Leave brush  
 61.30 Small drain, course N.W.  
 67.00 Enter marshy ground.  
 69.19 Leave marshy ground brs. N.W. and S.E. Ascend gradual S.W. slope  
 80.76 Cor. of Secs. 2, 3, 34 and 35  
 Land mountainous and level.  
 Soil second and third rate.  
 Brush chemise, manzanita and liveoak  
 Formation granite.
- 
- At the cor. to Secs. 2, 3, 34 and 35  
 S. Bdy. of T 7 N., R. 14 W. I set off 9°49'S. on the decl. arc and at 12h, 13<sup>m</sup> p.m., 1.m.t., observe the sun on the meridian. The resulting lat. is 34°39'N. which is the correct lat.  
 Thence I run E. on a random line bet. Secs. 2 and 35.
- ~~1918X~~  
 39.69  $\frac{1}{4}$  sec. cor. brs. N 7 lks. which is a cedar post 2x3 in. sq. 8 in. above ground, firmly set, marked and witnessed.

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

- 79.50 Set over  $\frac{1}{4}$  sec. cor. and continue line E.  
 79.50 Cor. of Secs. 35 and 36 brs. N. 8 lks. dist, which is a small mound of stone; dig in mound and find portion of old post. I re-establish corner at same place as follows:— Set granite stone 18x10x8, 12 in. in the ground for cor. of Secs. 35 and 36 marked one notch on east and 5 notches on west; dig pits 24x24x12 in. N.E. and N.W. of corner.  $5\frac{1}{2}$  ft. dist. Raised mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high N. of cor. I return to the cor. of Secs. 2, 3, 34 and 35.  
 Thence I run N  $89^{\circ}54'$  E on a true line bet. Secs. 2 and 35 over gradual S.W. slope along wire fence  
 .06 Set iron U.S. For. Res. Bdy. Post No. 87, 30 in. in the ground, raised mound of earth and stone 4 ft. base, 1 ft. high around post, marked  
 No. 87 on S. side of cap  
 1905 on S. side of cap  
 Reserve in S.E. and S.W. quadrants, also marked  
 T 7 N.S. 35 W.C. in N.E. quadrant  
 R 14 W., S 2 in S.E. quadrant  
 T 6 N., S 3 in S.W. quadrant  
 S 34 in N.W. quadrant with 2 notches on E. and 4 notches on W. edges of rim of cap  
 5.05 Small drain, course S.  
 12.70 Small drain, course S. Ascend steep S.W. slope  
~~16.35 Small drain, course S. ascend steep S.W. slope~~  
 21.10 Drain, course S.W.  
 22.50 Descend steep S.E. slope  
 28.70 Drain, course S.W. Ascend gradual S.W. slope  
 39.69  $\frac{1}{4}$  sec. cor. previously described.  
 Thence I run N.  $89^{\circ}53'$  E over steep S.W. slope  
 49.00 Change to gradual S.W. slope  
 51.00 Enter brush brs. N. & S.  
 52.00 Top of ridge brs. N. & S. Descend  
 53.00 Drain, course S. Ascend  
 55.00 Top of spur brs. N. & S.  
 55.90 Drain, course S.W.  
 58.00 Top of ridge brs. N. & S. Descend steep E. slope  
 61.70 Drain, course N.E.  
 64.10 Drain, course S 100 ft. descent, ascend steep W. slope  
 72.00 Change to gradual W. slope  
 Leave brush brs. N. & S.  
 75.00 Top of ridge brs. N. & S. 200 ft. ascent.  
 79.50 Cor. of Secs. 35 and 36 previously described.  
 Land mountainous and rolling! Soil second and third rate.  
 Brush liveoak and chemise.

February 23, 1905.

T.6 N. R.14 W.

February 24:

At the corner of secs. 35 and 36, south boundary T 7 N., R, 14 W., at 10 a.m., l.m.t., I set off 34°39' N. on latitude arc and 9°29'S. on decl. arc. and determine a meridian with the solar. Magnetic variation is 15°12.E.

Thence I run

South on a random line between secs. 1 and 2.

40.00

Find no trace of  $\frac{1}{4}$  sec.cor.

80.11

Cor.of secs. 1,2,11 and 12 bears E. 372 lks.dist., which is a granite stone 6x6x6 ins.above ground, firmly set, marked and witnessed.

Thence I run

N.0°01'W.on a true line bet. secs. 1 and 2, over nearly level land, through brush.

3.81

A ravine, 30 lks.wide, 8 ft.deep, course S.W.  
Ascend south

10.00

A ravine, 30 lks.wide, 10 ft.deep, course S.W.

19.40

Wire fence E.and W.

22.60

Top of ridge brs. E.and W. Descend

26.85

Drain, course E.; thence along gradual E.slope

38.00

Change to nearly level land.

40.00

Set a granite stone 20x10x6 ins., 15 ins.in the ground, for  $\frac{1}{4}$  sec.cor. marked  $\frac{1}{4}$  on W.face; dig pits 18x18x12 ins.N.and S.of cor.,  $3\frac{1}{2}$  ft.dist., raise mound of earth and stone,  $3\frac{1}{2}$  ft.base,  $1\frac{1}{2}$  ft.high W.of cor.

Note: This correction agrees with old fence line and other improvements.

From this point north there is no evidence of old line.

45.50

Ascend steep broken S.E.slope, through brush

71.00

Top of ridge brs. NE.and SW., thence along nearly level land.

74.85

Leave brush, brs. E.and W. Enter prairie.

80.05

Set iron U.S.<sup>FOR</sup> Res.Bdy.Post No.88, 30 ins.in the ground; raise mound of earth 4 ft. base, 1 ft.high, around post, marked:

No.88 on S.side of cap

1905 on S.side of cap

Reserve in S.W.quadrant, also marked:

C C on S.side of cap on rim

W C in N.E. quadrant.

T. 6 N., S 1. in S.E.quadrant

R.14 W., S 2, in S.W.quadrant, with 1 notch on E.and 5 notches on W. edges of rim.

80.11

Intersect N.Bdy.of Twp. 370 lks.E.of cor.of secs. 35 and 36 heretofore described. (Allowing 2 lks.for converging.) Set a granite stone 16x8x4 ins., 10 ins. in the ground, for C.C. to secs. 1 and 2, marked with 1 notch on E.and 5 notches on W.faces; C.C.on S.face; dig pits 18x18x12 ins., S.E.and S.W.of cor.,  $5\frac{1}{2}$  ft.dist.

Land mountainous and level.

Soil, ~~3rd~~ 3rd.and 4th.rate.

Brush, chemise and manzanita.

Formation, granite.

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

At the cor. of secs. 1, 2, 11 and 12, I set off  $9^{\circ} 27' S.$  on decl. arc and at 12h. 13' 26" p.m. l.m.t., observe the sun on the meridian. The resulting latitude is  $34^{\circ} 38' N.$

Thence I run

- South on a random line bet. secs. 11 and 12  
40.23 1/4 sec. cor. brs. W. 17 lks. dist., which is a granite stone 4x6x8 ins. above ground, firmly set, marked and witnessed.
- Set over cor. and continue line south.  
78.66 Intersect cor. of secs. 11 and 14, which is a granite stone 6x6x6 ins. above ground, firmly set, marked and witnessed.
- Intersect cor. of secs. 12 and 13, a tapering granite stone, 6 ins. above ground, firmly set, marked and witnessed.  
80.05
- I return to the cor. of secs. 1, 2, 11 and 12.  
Thence I run  
S.  $0^{\circ} 15' W.$ , on a true line bet. secs. 11 and 12, over nearly level land through sage brush.
- 4.25 A ravine 30 lks. wide, 15 ft. deep, course S.  $70^{\circ} E.$   
7.60 Road from Elizabeth Lake and Palmdale brs. E. and W.  
7.79 Set iron U.S. cor. Res. Bdy. Post No. 89, 30 ins. in the ground, raise mound of earth and stone, 4 ft. base, 1 ft. high, around post, marked:  
No. 89 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S. W. and N. W. quadrants.
- 14.50 Leave level land. Ascend gradual N. E. slope.  
17.50 Change to E. slope  
24.50 Private road brs. N.W. and S.E. change to S.E. slope.  
28.50 Drain, course E.  
33.08 Drain, course E. Ascend gradual N.E. Slope.  
40.23 1/4 sec. cor. previously described. A wire fence running E. and W. from cor.  
Thence I run  
South, through field.
- 45.50 Top of spur brs. N. E. and S. W.  
49.00 Change to E. slope.  
52.90 Leave field brs. N.E. and S.W.  
57.00 Ascend steep N. slope through timber and brush, brs. N.E. and S.W.
- 60.00 Leave brush, enter prairie N.E. and S.W.  
63.00 Top of ridge brs. E. and W.  
65.00 Change to steep S.E. slope.  
67.00 Head of drain, course S.E.  
68.50 Ascend N.E. slope.  
78.10 Drain, course N.E. Enter brush.  
78.66 Cor. of secs. 11 and 14, previously described.  
80.05 Cor. of secs. 12 and 13, previously described.  
Land level and rolling.  
Soil, 2nd. and 3rd. rate.  
Timber, oak; live oak brush.

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At the cor. of secs. 12 and 13, T. 6 N. R. 14 W., at 4.00 P.M., l.m.t., I set off  $34^{\circ} 37' N.$  on lat. arc, and  $9^{\circ} 23' S.$  on decl. arc, and determine a meridian with the

25  
70

FD. 9206

- solar. Quarter section and section corner being in sight, I turn off on instrument S. 89° 54' E.  
Thence I run  
Bet. secs. 12 and 13 on a true line over gradual E. slope, through brush, along wire fence.  
.06 Set iron U.S. For. Res. Bdy. Post No. 90, 30 ins. in the ground; raise mound of earth and stone 4 ft. base, 1 ft. high, around post, marked:  
No. 90 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S. E., S.W. and N.W. quadrants; also marked  
T. 6 N. S 12 W.C. in N.E. quadrant.  
R 14 W. S 13 in S.E. quadrant, with 1 notch on E. and 4 notches on S. edges of rim,  
3.20 Small drain course N.E., thence over nearly level land.  
9.10 Same drain, S. E.; leave brush N.W. and S.E.  
19.50 Wire fence N. and S. Enter cultivated land.  
36.92 S.W. cor. of orchard.  
40.46 SE. cor. of orchard.  
40.82 Intersect 1/4 sec. cor. which is a granite stone 2x3x5 ins. above ground, firmly set, marked and witnessed.  
From 1/4 sec. cor. a farm house brs. N. 40° W. about 5.00 chs. Thence over level meadow.  
81.68 Intersect the cor. of secs. 7, 12, 13 and 18, which is a granite stone 4x4x8 ins. above ground, firmly set, marked and witnessed.  
Land, level and rolling.  
Soil, 2nd. and 3rd. rate.
- 
- East on a random line bet. secs. 7 and 18.  
36.33 1/4 sec. cor brs. N. 207 lks., which is a granite stone 4x5x5 ins. above ground, firmly set, marked and witnessed.  
Set over cor. and continue line East.  
76.33 Cor. of secs. 7, 8, 17 and 18 brs. N. 212 lks., which is a granite stone 6x6x6 ins. above ground, firmly set, marked and witnessed.  
I return to the cor. of secs. 7, 12, 13 and 18, West Bdy. T. 6 N. R. 13 W.  
Thence I run  
N. 86° 45' E. on a true line bet. secs. 7 and 18, over level meadow.  
.06 Set iron U.S. For. Res. Bdy. Post No. 91, 30 ins. in the ground; raise mound of stone and earth 4 ft. base, 1 ft. high, around post, marked:  
No. 91 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E. and S.W. quadrants, also marked:  
T. 6 N. S 7 W.C. in N.E. quadrant.  
R 13 W. S 18 in S.E. quadrant.  
R 14 W. S 13 in S.W. quadrant.  
S 12 in N.W. quadrant, with 2 notches on N and 4 notches on S. edges of rim of cap.  
14.00 A wash (dry) 10 lks. wide, course S.E.  
36.33 1/4 sec. cor. previously described.  
Thence I run

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

N. 86° 58' E.  
53.00 Leave valley, ascend gradual N.W. slope.  
57.00 Change to N.E. slope.  
63.00 Enter valley, brs. N. 60° W. and S. 60" E.  
76.33 Cor. of secs. 7,8,17 and 18 previously described, under  
wire fence brs. N. and S.  
Land, level and gently rolling.  
Soil, 2nd. and 3rd. rate.

February 24, 1905.

February 25:

At the cor. of secs. 7,8,17 and 18, T. 6 N. R. 13 W.,  
at 9 a.m., l.m.t., I set off 34° 37' N. on lat. arc and  
9° 08' S. on decl. arc, and determine a meridian with  
the solar.

From this cor. St. Anthony Ranch house brs. S. 1° 15' E.  
about one-half mile.

Thence I run

East on a random line bet. secs. <sup>8</sup> and 17.

40.24 1/4 sec. cor. brs. S. 9 lks. dist., which is a redwood  
post 4 ins. sq., 18 ins. above ground, firmly set,  
marked and witnessed.

Set over 1/4 cor. and continue line East.

80.41 Cor. of secs. 8,9,16 and 17 brs. S. 6 lks. dist., which  
is a post 3 ins. sq., 6 ins. above ground, firmly set,  
marked and witnessed.

I return to the cor. of secs. 7,8,17 and 18

Thence I run

S. 89° 52' E. on a true line bet. secs. 8 and 17, over  
level land in pasture.

1.57 A ravine, 50 lks. wide, 15 ft. deep, course S. 60° E.  
16.44 Wire fence brs. N. 66° 30' W. and S. 66° 30' E. Enter  
Elizabeth Lake and Palmdale Wagon road.

17.95 Set iron U.S. For. Res. Bdy. Post No. 92, 30 ins. in the  
ground, raise mound of earth and stone 4 ft. base, 1 ft.  
high, around post, marked:

No. 92 on S. side of cap.

1905 on S. side of cap.

Reserve in S.E. and S.W. quadrants.

Wire fence brs. N. 66° 30' W. and S. 66° 30' E.

Leave road,

20.23 Wire fence brs. N. and S.

25.20 Ravine 30 lks wide, 10 ft. deep, course S.

30.20 Ascend steep S.W. Slope.

36.00 Top of hill brs. N. and S. Descend E. slope.

39.00 Foot of 100-foot descent brs. N. and S.

40.24 1/4 sec. cor. previously described.

Thence I run

S. 89° 55' E. over nearly level land, along wire fence.

60.40 Cross-wire fence brs. N. and S.

61.50 Change to gradual S.E. slope.

67.75 Small drain, course S.

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

78.50 Top of ridge brs. N. and S. Descend steep E. slope.

80.35 Set iron U.S. For. Res. Bdy. Post No. 93, 30 ins. in the  
ground; raise mound of earth 4 ft. base, 1 ft. high,  
around post, marked:

No. 93 on S. side of cap.

1905 on S. side of cap

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

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T. 6 N. S 9 W.C. in N.E. quadrant.  
R 13 W. S 16 in S.E. quadrant.  
S 17 in S.W. quadrant.  
S 8 in N.W. quadrant, with 4  
notches on S. and E. edges of rim

80.41 Cor of Secs. 8,9,16 and 17 previously described.  
Land, rolling and level.  
Soil, 3rd rate.

---

East on a random line bet. secs. 9 and 16.

40.00 1/4 sec. cor. lying on top of ground.  
Continue line east.

80.30 Cor. of secs. 9, 10, 15 and 16 brs. S. 13 lks. dist.,  
which is marked with a small mound of stone. I dig  
in mound and find a portion of charred post. Re-  
establish cor. at same point as follows. Set a  
quartzite rock 20x8x8 ins., 15 ins. in ground for  
cor. of secs. 9, 10, 15 and 16, marked 3 notches on E.  
and 4 notches in S. faces; dig pits 18x18x12 ins. in  
each section, 5-1/2 ft. dist., raise mound of earth  
5 ft. base, 2-1/2 ft. high, N. of cor.  
I return to the cor. of secs. 8,9,16 and 17.  
Thence I run  
S. 89° 54' E. on a true line bet. secs. 9 and 16, along  
wire fence.

.55 Small drain, course S.  
2.55 Change to gradual E. slope  
23.50 Drain, course S. Ascend.  
28.50 Top of ridge brs. N.W. and S.E. Descend E. slope  
29.46 Wire fence brs. W. and N. 60° E.  
33.45 Drain, course S.E.  
35.50 Descend E. slope  
37.25 Drain, course S. 20° W. Ascend gradual S.W. slope.  
40.15 Set a granite stone 22x11x7 ins., 16 ins. in the  
ground, for 1/4 sec. cor., marked 1/4 on N. face; dig  
pits 18x18x12 ins. E. and W. of cor., 3-1/2 ft. dist.;  
raise mound of earth, 3-1/2 ft. base 1-1/2 ft. high  
N. of cor.

48.00 Change to S.E. slope.  
50.00 Change to steep S.W. slope.  
54.00 Top of ridge brs. N. and S. At this point I set off  
9° 05' S. on decl. arc. and at 12 h. 13' 17", p.m. l.m.t.,  
observe the sun on the meridian. The resulting lati-  
tude is 34°37'N., which is almost the correct latitude.

54.25 Descend steep S.E. slope.  
56.25 Drain, course S., 50 ft., descent. Ascend.  
59.60 Top of spur brs. N. and S., 50 ft. ascent. Descend.  
63.00 Drain, course S.W.  
65.09 Top of spur brs. N.E. and S.W.  
68.50 Drain, course S. 50 ft. descent.  
70.00 Top of spur brs. N. and S.  
76.00 Descend steep E.slope.  
80.30 Cor. of secs. 9, 10, 15 and 16 previously described.  
Land, mountainous.  
Soil, 3rd. and 4th rate.  
Formation, granite.



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

East East on a random line bet. secs. 10 and 15.

40.00 Find no trace of 1/4 sec. cor. Set temporary cor. Con-  
tinue line East.

79.94 Cor. of secs. 10, 11, 14 and 15 brs. S. 119 lks. dist.,  
which is a granite stone 6x8x6 ins. above ground, firmly  
set, marked and witnessed by small mound of stone; dig  
pits 18x18x12 ins. in each section 5-1/2 ft. dist.;  
raise mound of earth and stone 5-1/2 ft. base, 2-1/2 ft.  
high, N. of cor.  
I return to the cor. of secs. 9, 10, 15 and 16.  
Thence I run  
S. 89° 09' E. on a true line bet. secs. 10 and 15, over  
steep E. slope, through scattering sage brush.

.06 Set iron U.S. For. Res. Edy. Post No. 94, 30 ins. in  
the ground; raise mound of earth, 4 ft. base, 1 ft. high  
around post, marked:  
No. 94 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E. and S.W. quadrants.  
Also marked:  
T.6N. S 10 W.C. in N.E. quadrant.  
R 13 W. S 15 in S.E. quadrant.  
S 16 in S.W. quadrant.  
S 9 in N.W. quadrant, with 3  
notches on E. and 4 notches on S. edges of rim  
of cap.

3.50 Drain, course S.E.  
5.00 Top of spur brs. N. and S.  
6.10 Drain, course S., ascend steep W. slope.  
8.45 Top of spur brs. N. and S.  
14.00 Drain, course S.W. Ascend gradual W. slope.  
29.00 Small drain, course S.W.  
31.00 Change to gradual S. slope.  
35.00 Saddle divide brs. N.W. and S.E.  
39.97 Set a granite stone 22x11x7 ins., 16 ins. in the ground  
for 1/4 sec. cor., marked 1/4 on N. face; dig pits 18x18x12  
ins., E. and W. of cor. 3-1/2 ft. dist.; raise mound of  
earth 3-1/2 ft. base, 1-1/2 ft. high, N. of cor.

50.00 Change to N.E. slope. Enter Yucca palms and scattering  
red cedar.

68.50 Change to steep E. slope of mountain.  
75.00 Drain, S.E., 400 ft. descent. Ascend steep S.W. slope.  
75.95 Wire fence brs. N.W. and S.E.  
78.00 Top of ridge brs. N. and S., descend steep S.E. slope.  
79.94 Cor. of secs. 10, 11, 14 and 15, previously described.  
Land, mountainous.  
Soil, 3rd and 4th rate.  
Timber, yucca palms and scattering red cedar.  
February 25, 1905.

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February 25: In sec. 11, T. 6 N. R. 13 W., at 4.00 p.m.,  
l.m.t., I set off 34°38' N. on lat. arc and 9°00' S. on  
decl. arc and determine a meridian with the solar and  
mark the line thus determined by a tack driven in a wooden

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plug set 5.00 chs. N. of my station. At the same station at 8h. 58' p.m. I observe Polaris at Western elongation and mark the line thus determined by a tack driven in a wooden plug set in the ground 5.00 chs. N. of my station.

February 26, at 8 a.m. l.m.t., I lay off the azimuth of Polaris 1° 27' to the east and mark the meridian thus determined. The meridian thus determined falls at the exact point established with the solar.

I test the solar apparatus every hour during the day and find it in good adjustment.

February 26, 1905.

February 27:

At the cor. of Secs. 10, 11, 14 and 15, T. 6 N. R. 13 W., at 9.00 a.m., l.m.t., I set off 34° 37' N. on lat. arc, and 8° 22' S. on the decl. arc and determine a meridian with the solar.

Thence I run

East on a random line bet. secs. 11 and 14.

40.00

Could not find 1/4 sec. cor. Set temporary cor. and continue line East.

80.22

Cor. of secs. 11, 12, 13 and 14 brs. 26 lks. dist., which is a cedar post 4 ins. sq., 2 ft. high above mound of stone firmly set and marked; I dig pits 18x18x12 ins. in each section 5-1/2 ft. dist., raise mound of earth 5 ft. base 2-1/2 ft. high. W. of cor. I set a granite stone 22x12x8 ins., 16 ins. in mound of stone W. of old post, enlarge mound of stone to 4 ft. base, 16 ins. high around cor., marked with 1 notch on E. and 4 notches on S. faces.

I return to the cor. of secs. 10, 11, 14 and 15, Thence I run

.06

S. 89° 49' E. on a true line bet. secs. 11 and 14 over steep E. slope, through scattering brush and yucca palms. Set iron U.S. For. Res. Bdy. Post No. 95, 30 ins. in the ground; raise mound of earth and stone 4 ft. base, 1 ft. high around post, marked:

No. 95 on S. side of cap.

1905 on S. side of cap.

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

T. 6 N. S 11 W.C. in N.E. quadrant.

R 13 W. S 14 in S. E. quadrant.

S 15 in S. W. quadrant.

S 10 in N. W. quadrant, with 2

notches on E. and 4 notches on S. edges of rim.

4.15

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

16.50

Change to gradual E. slope.

27.40(?)

Wire fence brs. N 20° E and S. 20° W.

27.26(?)

Set iron U.S. For. Res. Bdy Post No. 96, 30 ins in the ground; raise mound of earth and stone 4 ft base. 1 ft. high around post, marked:

No. 96 on S. side of cap.

1905 on S. side of cap.

Reserve in S. E. and S.W. quadrants.

27.50

Road brs. N. 20° E. and S. 20° W.

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

27.75 Dry wash, 10 lks wide, course N. 20° E., foot of  
300 foot descent.  
34.50 Ascend gradual NW slope.  
40.11 Set a granite stone 17x8x4 ins., 12 ins. in the ground  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; dig pits 18x18x12  
ins., E. and W. of cor.,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N.  
of cor.  
53.00 Change to gradual NE. slope.  
57.15 Drain, course NE. Enter scattering palms and cedar brush.  
67.50 Change to nearly level land.  
72.00 Change to gradual NW slope  
77.74 Wire fence brs. N. and S.  
80.22 Cor. to secs. 11, 12, 13 and 14 previously described.  
Land mountainous.  
Soil, sandy, 3rd rate.  
Timber, scattering cedar and yucca palms.  
Formation, granite.

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East on a random line bet. secs. 12 and 13.

40.00  $\frac{1}{4}$  sec. cor. has been destroyed by plowing; set temporary  
cor.; continue line East.  
79.70 Intersect E. Bdy of rwp. at a point from which cor. of  
secs. 7, 12, 13 and 18 brs. S. 25 lks., which is a cedar  
post, 3 ins. sq., 2 ft. high, firmly set and marked.  
I set a granite stone 14x11x4 ins., 9 ins. in the ground  
by the side of old cor., marked 2 notches on N and 4  
notches on S. faces; dig pits 18x18x12 ins. in each  
section,  $5\frac{1}{2}$  ft. dist.; raise mound of earth 4 ft. base,  
 $2\frac{1}{2}$  ft. high W. of cor.  
I return to the cor. of secs. 11, 12, 13 and 14.  
Thence I run  
S. 89° 49' E on a true line bet. secs. 12 and 13.  
over gradual NE. slope, through cedar and yucca palms.  
.06 Set iron U.S. Forest Reserve Bdy. Post No. 97, 30 ins. in  
the ground; raise mound of earth 4 ft. base, 1 ft. high  
around post, marked:  
No. 97 on S. side of cap.  
1905 on S. side of cap.  
Reserve in SE. and SW. quadrants, also marked:  
T. 6 N. S. 12 W.C. in NE. quadrant.  
R. 13 W. S 13 in SE. quadrant.  
S. 14 in SW. quadrant.  
S. 11 in NW quadrant, with 1  
notch on E. and 4 notches on S. edges of rim of cap.  
8.88 Wire fence brs. N. and S. Enter field.  
12.96 Farm house brs. N. 147 lks. Thence over nearly level  
land.  
32.25 Enter orchard brs. N. and S.  
39.37 Wire fence brs. N. and S. Leave orchard, thence through  
old abandoned field.  
39.85 Set a granite stone 17x8x5 ins., 12 ins. in the ground  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; dig pits 18x18x12  
inches East and West of corner  $3\frac{1}{2}$  feet distant;

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Jan. 11, 1906, furnished by the Geological Survey

54.38 raise mound of earth 3-1/2 ft. base, 1-1/2 ft. high  
79.42 N. of cor.  
79.70 Farm road brs. N.W. and S.E.  
Wire fence brs. N. & S.  
Cor. of Secs. 7, 12, 13 and 18 previously described  
Land rolling and level  
Soil sandy, third rate  
Timber cedar and palms

February 27, 1905.

March 1:

At the cor. of Secs. 7, 12, 13 and 18, E. Bdy. T. 6  
N., R. 13 W., at 9 a.m., l.t.t., I set off 34° 37' N.  
on lat. arc and 7° 37' S. on decl. arc and determine  
a meridian with the solar. Magnetic variation 14°  
50' E.  
Thence I run S. on a random line bet. Secs. 13 and 18  
40.00 Cor. destroyed by plowing. Set temp. cor. Continue  
line S.  
80.00 Find no trace of old cor. of Secs. 13, 18, 19 and 24  
Set temp. cor. and continue line S. bet. Secs. 19 and 24  
40.15 1/4 sec. cor. brs. E. 119 lks. dist. which is a cedar  
post 2 in. sq., 2 ft. high in mound of stone marked 1/4  
S. on W. face.  
I set a granite stone 24x10x8 in. 18 in. in the ground  
by the side of old 1/4 cor. marked 1/4 on W. face.  
Dig pits 18x18x12 in. N. and S. of cor. 3-1/2 ft. dist,  
Raise mound of earth 3-1/2 ft. base, 1-1/2 ft. high W.  
of cor. I return to the cor. of Secs. 7, 12, 13 and 18  
Thence I run S. 0° 34' E. on a true line bet. Secs. 13  
and 18 along wire fence  
.06 Set iron U. S. Forest Reserve Bdy. Post No. 98, 30 in.  
in the ground, raise mound of earth 4 ft. base, 1 ft.  
high around post, marked  
No. 98 on S. side of cap  
1905 on S. side of cap  
RESERVE in S.W. quadrant, also marked  
T. 6 N., S. 7 W.C. in N.E. quadrant  
R. 12 W., S. 18 in S. E. quadrant  
R. 13 W., S. 13 in S. W. quadrant  
S. 12 in N. W. quadrant with 2 notches on N. and  
4 notches on S. edges of rim of cap  
11.75 A house brs. S. 32° 25' W.  
39.90 Same house brs. N. 43° 15' W.  
40.05 Set a granite stone 11x9x5 in. 8 ins. in the ground for  
1/4 sec. cor marked 1/4 on W. face. I also set a  
cedar post 3 in. sq/ 3 ft. long, 18 in. in the ground  
W. of stone, marked 1/4 S. on W. face. Dig pits 18x18x12  
in N. and S. of cor. 3-1/2 ft. dist. Raise mound of  
earth 3-1/2 ft. base, 1-1/2 ft. high W. of cor.

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40.25 Wire fence brs. E. and W. Enter Cedar brush.  
55.00 Ascend steep N. slope.  
65.00 Top of ridge brs. E. and W., 150 ft. above 1/4 Sec. Cor.  
66.75 Drain, course E.  
68.50 Drain, course E.  
71.00 Ascend gradual N. E. slope.  
80.00 Top of ridge brs. E. and W.  
80.10 Set a granite stone 18x11x9 ins., 12 ins. in the  
ground for cor. of secs. 13, 18, 19 and 24, marked  
3 notches on N. and S. faces; dig pits 18x18x12 ins.  
in each section, 5-1/2 ft. dist.; raise mound of  
earth and stone 5 ft. base, 2-1/2 ft. high W. of cor.  
Land, level and mountainous.  
Soil, 3rd and 4th rate.  
Timber, cedar brush, yucca palms and sage brush.

.06 S. 0° 34' E. on a true line bet. secs. 19 and 24,  
over gradual S. E. slope, through sage brush.  
Set iron U.S. For. Res. Bdy. Post No. 99, 30 ins. in  
the ground, raise a mound of earth and stone 4 ft.  
base, 1 ft. high around post, marked:  
No. 99 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.W. and N.W. quadrants, also marked:  
T. 6 N. S 18 W.C. in N.E. quadrant.  
R. 12 W. S 19 in S.E. quadrant.  
R. 13 W. S 24 in S.W. quadrant.  
S. 13 in N.W. quadrant, with 3  
notches on N. and S. edges of rim.

1.64 Wire fence brs. east and west.  
8.80 Drain, course E.  
26.00 Change to gradual S.W. slope.  
38.50 Small drain, course S.E., thence over gradual S.E.  
slope.  
40.05 1/4 sec. cor. heretofore described.  
Thence I run  
South on a random line.  
80.81 Cor. of secs. 19, 24, 25 and 30 brs. E. 93 lks. dist.,  
which is a granite stone 14x10x8 ins. above ground,  
firmly set and marked, witnessed by mound of stone  
3 ft. base, 1 ft. high, W. of cor.; dig pits 18x18x12  
ins. in each section, 5-1/2 ft. dist., and enlarge mound  
of earth and stone 5 ft. base, 2-1/2 ft. high, W. of cor.  
Thence I return to the 1/4 sec. cor. bet. secs. 19 and 24.  
Thence I run  
S. 1° 15' E. on a true line, counting from sec. corner.  
42.00 Change to gradual N. slope through scrub cedar.  
49.00 Spur brs. N.E. and S.W.  
52.50 Drain, course N.E.  
55.00 Top of ridge brs. E. and W.  
60.00 Descend steep S. slope.  
66.90 Elizabeth Lake and Palmdale road brs. N. 60° W. and  
S. 60° E.  
67.25 Dry wash, 30 lks. wide, course N. 60° E., foot of  
300-foot descent, thence through valley.  
68.00 Set iron U.S. For. Res. Bdy. Post No. 100, 30 ins. in  
the ground; raise mound of earth and stone 4 ft base,  
1 ft. high around post, marked:  
No. 100 on S. side of cap.  
1905 on S. side of cap.  
Reserve on S.W. and N.W. quadrants.

Reset 21.93' South of original location, on true line between Cor.  $\frac{24}{25} \frac{19}{30}$   
and 1/4 Cor. 24 | 19 T. 6 N. R. 12 W. by Co. Sec.  $\frac{3}{30} \frac{32}{32}$ . Dist. from reset U.S.F.R. #100 to Cor.  $\frac{24}{25} \frac{19}{30}$  - 810.93'  
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F.D. 2206  
F.B. 84-75

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

- 80.81 Cor. of secs. 19, 24, 25 and 30, previously described.  
Land mountainous and level.  
Soil, sandy, 3rd and 4th rate.  
Timber, scrub cedar, yucca palms and sage brush.  
Formation, granite.

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South on a random line bet. secs. 25 and 30.

- 40.20 1/4 sec. cor. brs. E. 289 lks., which is a cedar post  
2 ins. sq. 18 ins. high, firmly set and marked.  
I set a granite stone 21x11x5 ins., 15 ins. in the  
ground, with old cor. marked 1/4 on W. face; dig pits  
18x18x12 ins. N. and S. of cor., 3-1/2 ft. dist.;  
raise mound of earth 3-1/2 ft. base, 1-1/2 ft. high  
W. of corner.  
Set over corner.  
At 12h. 12' p.m., l.m.t., I set off 7° 34' S. on decl.  
arc and observe the sun on the meridian. The resulting  
latitude is 34° 35' N. which is about the correct  
latitude.  
Thence I continue line south.
- 80.00 Cor. of secs. 25, 30, 31 and 36 brs. E. 25 lks. dist.,  
which is a granite stone 4x4x4 ins. above ground,  
firmly set, marked and witnessed. I refrest pits, en-  
large mount to 5 ft. base, 2-1/2 ft. high, W. of cor.  
I return to the cor. of secs. 19, 24, 25 and 30.  
Thence I run  
S. 4° 08' E. on a true line bet. secs. 25 and 30, over  
level land.
- 1.00 Ascend steep N. slope through cedar brush.  
5.50 Drain, course N. E.  
9.00 Change to gradual N. Slope  
13.50 Drain, course N. E.  
17.00 Leave cedar brush brs. E. and W., thence over level  
land, through old abandoned field.  
39.50 Dim road brs. E. and W.  
40.20 1/4 sec. cor previously described.  
Thence I run  
S. 0°21' E. along wire fence.
- 80.00 Cor. of secs. 25, 30, 31 and 36 previously described.  
Land, level.  
Soil, 2nd and 3rd rate.  
Cedar and sage brush.

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South on a random line bet. secs. 31 and 36.

- 39.78 1/4 sec. cor. brs. E. 42 lks dist., which is a  
cedar post 2 ins. sq/. 1 ft. high, firmly set  
and marked.  
I set a granite stone 24x12x10 ins. 18 ins. in  
the ground, W. of old post, marked 1/4 on W. face;  
dig pits 18x18x12 ins. N. and S. of cor., 3-1/2 ft.  
dist.; raise mound of earth 3-1/2 ft. base, 1-1/2  
ft. high W. of cor.  
Set over corner and continue line south.

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

- 79.81 Intersect First Standard Parallel North 15 lks. W. of  
standard cor. of T. 6 N. Rs. 12 and 13 W., which is  
a granite stone 24x8x6 ins. in mound of stone, firmly  
set marked and witnessed.  
I return to the cor. of secs. 25, 30, 31 and 36.  
Thence I run  
S. 0° 36' E. on a true line bet. secs. 31 and 36, over  
nearly level land.
- .06 Set iron U.S. For. Res. Bdy Post No. 101, 30 ins.  
in the ground; raise mound of earth 4 ft. base, 1 ft.  
high around post, marked:  
No. 101 on S. side of cap.  
1905 on S side of cap.  
Reserve in S.W. and N.W. quadrants, also marked:  
T. 6 N. S 30 W.C. in N.E. quadrant.  
R.12 W. S 31 in S.E. quadrant.  
R.13 W. S 36 in S.W. quadrant.  
S.25 in N.W. quadrant, with 5  
notches on N. and 1 notch on S. edges of rim  
of cap.
- 1.24 Road brs. N.E. and S.W.  
24.00 Leave level land. ascend N.W. slope.  
33.50 Top of ridge brs. E. and W. Descend S.W. slope.  
39.78 1/4 sec. cor. previously described.  
Thence I run  
S. 0° 13' E.
- 43.50 Ascend N.E. slope through brush.  
50.50 Drain, course N.E.  
55.00 Top of ridge brs. N.W. and S.E.  
60.25 Drain, course N.W. Ascend steep N.E. slope through  
dense brush.
- 68.00 Top of ridge brs. N.W. and S.E.  
72.00 Small drain, course N.W.  
77.00 Top of ridge brs. N.W. and S.E. Descend gradual  
S.W. slope.
- 79.81 Standard cor. of T. 6 N. Rs. 12 and 13 W. previously  
described.  
Land, level and mountainous.  
Soil, 3rd. rate.  
Timber, cedar and oak brush.  
Formation, granite.

March 1, 1905.

March 2:

- At the standard cor. of T. 6 N. Rs. 12 and 13 W., at  
10.00 a.m., l.m.t., I set off 34° 35' W. on the lat.  
arc and 7° 14' S. on the decl arc.  
Thence I run  
East on a random line along south bdy. sec. 31.
- 40.48 Intersect standard 1/4 sec. cor., which is a cedar  
post 2 ins. sq., 14 ins. above ground, firmly set  
and marked.  
I set a mica schist 24x10x6 ins., 18 ins., in the ground,  
by the side of the old post, marked S.C. 1/4 on N. face;  
dig pits 18x18x12 ins. E. and W. of cor. 3-1/2 ft. dist.;  
raise mound of earth and stone 3-1/2 ft. base, 1-1/2 ft.  
high, N. of cor.  
Continue line East.

35  
80

FD 2206

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

- 69.62 Find no trace of C.C. T. 5 N. Rs. 12 and 13 W.  
Continue line East.
- 80.38 Standard cor. secs. 31 and 32 brs. S. 10 lks dist.,  
which is a cedar post 3 ins. sq., two ft. in length,  
set in a mound of stone properly marked.  
I return to the standard cor. of T. 6 N. Rs. 12  
and 13 W.  
Thence I run  
East on a true line along south bdy. sec. 31.  
Ascend W. slope through oak and cedar brush.
- .06 Set iron U.S. For. Res. Bdy. Post No. 102, 1 ft. in  
the ground; raise mound of stone 5-1/2 ft. base,  
2-1/2 ft. high around post, marked:  
No. 102 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E., S.W. and N.W. quadrants.  
Also marked:  
S. C. on North side of cap.  
T. 6 N. R. 12 W. S. 31 in N.E. quadrant.  
R. 13 W. S. 36 in N.W. quadrant,  
with 6 notches on N.E., and W. edges of rim  
of cap.
- 7.50 Top of ridge brs. N.W. and S.E., thence over S. E.  
slope.
- 12.00 Drain, course N. E.
- 16.38 Top of ridge brs. N. and S. Descend E. slope.
- 18.80 Drain, course N. E.
- 20.20 Descend steep N. E. slope.
- 26.65 Drain, course N. 20° E., 100 ft. descent. Ascend  
steep W. slope.
- 30.25 Top of ridge brs. N. and S. Descend E. slope.
- 32.50 Drain, course N. Ascend through thick cedar.
- 35.00 Top of ridge brs. N. and S. Descend.
- 38.00 Drain, course N. E.
- 40.48 S. C. 1/4 sec. cor. previously described.  
Thence I run  
S. 89° 51' E.
- 42.00 Same drain, course S. E.
- 45.40 Top of ridge brs. N.W. and S.E.
- 46.53 Descend steep N.E. slope.
- 52.00 Change to E. slope.
- 58.50 Drain, course N.E. Change to N. slope.
- 59.50 Small drain, course N. Ascend gradual N. W. slope.
- 64.40 Change to N. E. slope.
- 68.28 Point for C.C. T. 5 N., Rs. 12 and 13 W.  
Set a mica schist 36x8x8 ins. 1 ft. in the ground for  
C. C. to T. 5 N., Rs. 12 and 13 W.; raise mound of stone  
4 ft. base, 1-1/2 ft. high around stone; dig pits  
24x24x12 ins. E. and W. of same, 3 ft. dist., and  
south 8 ft. dist.; raise mound of earth and stone 3 ft.  
base, 2-1/2 ft. high south of cor.  
Land, mountainous.  
Soil, 2nd and 3rd rate.  
Timber, live oak and cedar brush.

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West Boundary Township 5 North, Range 12 West.

At the C. C. to T. 5 N. Rs. 12 and 13 W., at 2 P.M.,  
l.m.t., I set off 34° 35' N. on lat. arc and 7° 10' S.  
on decl. arc and determine a meridian with the solar.

36  
81

FD. 9206



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

Thence I run  
South on a random line bet. secs. 1 and 6.  
65.20 Find no trace of 1/4 sec. cor. Set temporary and  
continue line south.  
107.85 Cor. of secs. 1, 6, 7 and 12 brs. E. 167 lks. dist.,  
which is an oak post badly decayed in mound of stone.  
I reestablish cor. at same point as follows:  
Set a granite stone 18x11x6 ins. 12 ins. in the ground,  
for cor. of secs. 1, 6, 7 and 12, marked one notch on  
N. and 5 notches on south; dig pits in each section,  
5-1/2 ft. dist.; raise mound of earth and stone 5 ft.  
base, 2-1/2 ft. high W. of cor.  
I return to the C.C. T. 5 N. Rs. 12 and 13 W.  
Thence I run  
.35 S. 0° 53' E. on a true line bet. secs. 1 and 6.  
Set iron U.S. For. Res. Bdy. Post No. 103, 30 ins. in  
the ground; raise mound of earth and stone 4 ft. base,  
1 ft. high around post, marked:  
No. 103 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S. W. quadrant, also marked:  
W. C. in N. E. quadrant.  
T. 5 N. R. 12 W. S. 6 in S. E. quadrant.  
R. 13 W. S. 1 in S. W. quadrant.  
C. C. on south of cap on rim, with 6 notches on  
E., W., and S. edges of rim of cap.  
Ascend N. E. slope.  
2.81 Top of spur brs. E. and W.  
4.50 Side hill drain, course N. E.  
11.30 Top of spur brs. E. and W. Descend steep N. E. slope.  
23.00 Drain, course N. E., foot of 100-foot descent.  
Ascend steep north slope through scattering brush.  
30.60 Top of ridge brs. E. and W., 150 ft. ascent.  
31.67 Descend steep S. E. slope  
36.00 Drain, course S. E.  
38.85 Top of spur brs. E. and W. Descend S. E. slope.  
43.00 Foot of descent brs. N. E. and S. W.  
46.00 Drain, course N. E. Ascend N. E. slope.  
61.97 Top of ridge brs. N. E. and S. W. Descend gradual.  
S. E. slope.  
66.67 Set a granite stone 26x9x8 ins., 18 ins. in the  
Ground for 1/4 sec. cor., marked 1/4 on W. face; dig  
pits 18x18x12 ins. N. and S. of cor., 3-1/2 ft. dist.;  
raise mound of earth and stone 3-1/2 ft. base, 1-1/2  
ft. high W. of cor.  
70.50 Small drain, course N. E.  
73.00 Wood road brs. N. 20° E. and S. 20° W.  
87.00 Top of spur brs. E. and W. Descend S. slope.  
95.00 Same road brs. N. W. and S. 20° E. Ascend gradual  
N. E. slope.  
107.85 Cor. of secs. 1, 6, 7 and 12 previously described.  
Land, mountainous.  
Soil 3rd and 4th rate.  
Timber, live oak, chemise and manzanita brush.  
Formation, granite.

March 2, 1905.

37

82

FD 9206



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

March 6:  
At the cor. of secs. 2, 3, 10 and 11, at 8 a.m.,  
l.m.t., I set off 34° 34' N. on the lat. arc and  
5° 43' S. on the decl. arc and determine a meridian  
with the solar.  
Thence I run  
West on a random line bet. secs. 3 and 10.  
40.00 Find no trace of 1/4 sec. cor., set temporary cor., con-  
tinue line W.  
80.62 Cor. of secs. 3, 4, 9 and 10 brs. N. 43 lks. dist.,  
which is a cedar post 4 ins. sq. 1 ft. high firmly  
set and marked. I mark a bearing tree as follows:  
A red cedar, 6 ins. in diam. Brs. S. 31° 50' W.,  
53 lks. dist., marked T. 5 N., R. 12 W., S. 9,  
B.T.  
No other trees large enough; dig pits 18x18x12 ins.  
in each section, 5-1/2 ft. dist., raise mound of earth  
and stone 5 ft. base, 2-1/2 ft. high W. of cor.  
I return to the cor. of secs. 2, 3, 10 and 11.  
Thence I run  
N. 89° 42' W. on a true line bet. sec. 3 and 10, over  
gradual N.E. slope, through scattering cedar.  
4.25 Change to N.W. slope along wire fence.  
6.20 Private road brs. N. E. and S. 20° W., thence over  
wash.  
10.25 Ascend N. E. slope.  
12.00 Farm house brs. S. about 20 chs.  
19.00 Top of ridge brs. N. and S.  
26.00 A small drain, course N.  
30.00 Small drain, course N.  
37.50 A small drain, course N.E. Ascend steep N. E. slope.  
40.31 Set a granite stone 18x10x6 ins., 12 ins. in ground  
for 1/4 sec. cor., marked 1/4 on N. face; dig pits  
18x18x12 ins. E. and W. of cor., 3-1/2 ft. dist;  
raise mound of earth 3-1/2 ft. base, 1-1/2 ft. high  
N of cor.  
45.00 Top of ridge brs. N. and S.  
45.35 Wirefence brs. N. and S., descend steep N.W. slope.  
50.00 Drain, course N.W.  
51.05 Drain, course N. E.  
52.50 Top of spur brs. N. and S. Descend  
58.00 Drain, course N. E. Ascend east slope.  
66.00 Change to gradual S.E. slope.  
75.50 Top of ridge brs. N. and S. 200 ft. ascent. Descend  
steep N.W. slope.  
80.56 Set iron U.S. For. Res. Bdy. Post No. 107, 30 ins.  
in the ground; raise mound of earth and stone 4 ft.  
base, 1 ft. high around post, marked:  
No. 107 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E. and S.W. quadrants, also marked:  
T. 5 N. S. 3 W.C. in N.E. quadrant.  
R. 12 W. S. 10 in S.E. quadrant.  
S. (9) in S.W. quadrant.  
S. 4 in N.W. quadrant, with 3  
notches on E. and 5 notches on S. edges of rim.  
80.62 Cor. of secs. 3, 4, 9 and 10 previously described.  
Land, mountainous. Soil 3rd and 4th rate. Timber,  
scrub, cedar, chemise and live oak brush.  
Formation, granite.

West on a random line bet. secs. 4 and 9.

- 39.95 Intersect  $\frac{1}{4}$  sec. cor which is a cedar post 2 ins. sq.,  
1 ft. high, firmly set and marked. I set a granite stone  
15x9x7 ins., 10 ins. in the ground by the side of old  
cor., marked  $\frac{1}{4}$  on N. face, from which I mark  
Cedar 6 ins. diam., brs. S. 74° 30' E.,  
72 lks. dist., marked  $\frac{1}{4}$  S.B.T.  
A cedar 6 ins. diam., brs. N. 49° E., 89  
lks. dist., marked  $\frac{1}{4}$  S.B.T.  
Continue line west.
- 79.80 Cor. to secs. 4, 5, 8 and 9 brs. N. 10 lks. dist., which  
is a cedar post 3 ins. sq/ 1 ft. high above ground,  
marked. I set a granite stone 16x8x7 ins., 10 ins. in  
the ground by the side of old cor., marked 4 notches on  
E. and 5 notches on S., from which  
An oak 4 ins. diam., brs. S. 43° 45' E.  
12 lks. dist., marked T. 5 N., R. 12 W., S. 9 B.T.  
A cedar 5 ins. diam. brs. N. 88° 15' W.,  
150 lks. dist., marked T.5N., R. 12 W., S.5B.T.  
No other trees large enough; dig pits 18x18x12 ins. in  
each section  $5\frac{1}{2}$  ft. dist.; raise mound of earth 5 ft.  
base,  $2\frac{1}{2}$  ft. high N. of cor,  
I return to the cor. of secs. 3, 4, 9 and 10.  
Thence I run  
West on a true line bet. secs. 4 and 9, through brush  
and cedar.
- .25 Drain, course N., 100 ft. descent. Ascend steep NE.  
Slope.
- 7.75 Top of spur brs. N. and S., 150 ft. ascent.
- 11.50 Small drain, course N.
- 16.00 Top of spur brs. N. and S.
- 23.10 Drain, course N.
- 27.00 Top of spur brs. N. and S.
- 30.70 Drain, course N.
- 32.25 Drain, course N.
- 35.00 Top of spur brs. N. and S.
- 39.95  $\frac{1}{4}$  sec. cor. previously described.  
Thence I run  
N. 89° 51' W.
- 40.25 Drain, course N. 10° W. Ascend gradual E. slope.
- 45.00 At this point I set off 5° 40' S. on decl. arc and at  
12h. 11m. 31s. p.m., observe the sun on the meridian.  
The resulting latitude is 34° 34' N. which is almost  
30" greater than the proper latitude.
- 48.75 Drain, course N. 20° E.
- 49.25 Pipe line from spring in mountains brs.  
N. and S.
- 51.90 Drain, course N.
- 55.50 Small drain, course N.E.
- 59.00 Top of spur brs. N. and S.
- 62.00 Small drain, course NE.
- 64.28 Wire fence brs. N. and S.
- 69.00 Change to steep north slope of mountains, through  
dense growth of manzanita and live oak brush.
- 75.00 Descend gradual NW slope.
- 79.74 Set iron U.S. Forest Reserve Boundary Post No. 106,  
30 ins. in the ground; raise mound of earth and stone  
4 ft. base, 1 ft. high around post, marked :

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

No. 106 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E. and S.W. quadrants, also marked:  
T. 5 N. S. 4 W.C. in N.E. quadrant.  
R. 12 W. S 9 in S.E. quadrant.  
S. 8 in S.W. quadrant.  
S. 5 in N.W. quadrant, with 4  
notches on E. and 5 notches on S. edges of rim.  
Cor. of secs. 4, 5, 8 and 9 previously described.  
Land, mountainous.  
Soil 3rd and 4th rate.  
Timber, dense growth of live oak and manzanita.  
Formation, granite.

79.80

March 6, 1905.

March 7:

At the cor. of secs. 4, 5, 8 and 9, T. 5 N., R. 12  
W., at 8 a.m., l.m.t., I set off  $34^{\circ} 33' 30''$  N. on  
the lat. arc and  $5^{\circ} 20'$  S. on the decl. arc and  
determine a meridian with the solar.

Thence I run

West on a random line between secs. 5 and 8.

40.00

Find no trace of  $1/4$  sec. cor. Set temporary and  
continue line west.

78.70

Cor. of secs. 5, 6, 7 and 8 brs. S. 44 lks. dist.,  
which is a mound of stones, post decayed. I re-  
establish cor. at same point as follows:

Set a granite stone  $20 \times 10 \times 8$  ins. 14 ins. in the ground,  
marked 5 notches on E. and S. faces, from which,

A pinion pine, 12 ins. diam., brs. S.  $89^{\circ} 17'$  W.,  
273 lks. distant, marked T. 5 N., R. 12 W.,  
S. 7 B.T.

No other tree in limit. Dig pits  $18 \times 18 \times 12$  ins. in  
each section,  $5-1/2$  dist.; raise mound of earth  
and stone 5 ft. base,  $2-1/2$  ft. high, W. of cor.  
I return to the cor. of secs. 4, 5, 8 and 9.

Thence I run

S.  $89^{\circ} 40'$  W. on a true line bet. secs. 5 and 8,  
over N.W. slope through thick cedar and oak brush.

6.20

Drain, course N.E.

9.50

Top of spur brs. N.E. and S.W. Descend steep N.W.  
slope.

16.25

Drain, course N.E., 100-foot descent. Ascend steep  
East slope.

22.00

Top of ridge brs. N.E. and S.W. Descend gradual N.  
W. slope.

31.75

Drain, course N.W.

36.10

Drain, course N.E. Ascend gradual S.E. slope.

38.75

Top of ridge brs. N.E. and S.W. Descend N.W. slope.

39.35

Set a granite stone  $24 \times 10 \times 9$  ins., 18 ins. in the  
ground, for  $1/4$  sec. cor., marked  $1/4$  on N. face;  
dig pits  $18 \times 18 \times 12$  ins. E. and W. of cor.  $3-1/2$  ft.  
dist.; raise mound of earth and stone  $3-1/2$  ft. base,  
 $1-1/2$  ft. high, N. of cor.

51.68

Wire fence brs. N. and S.

52.00

Foot of descent brs. N.E. and S.W.

55.31

Dry wash, 20 lks wide, course N.E. Ascend S.E. slope.

58.25

Drain, course S.E. Ascend E. slope through dense brush.

68.50

Top of spur brs. N.W. and S.E.

72.00

Drain, course S.E., ascend E. slope.

40  
~~85~~

FD 9206

- 78.64 Set iron U.S. Forest Reserve Boundary Post No. 105,  
30 ins. in the ground; raise mound of earth and stone  
4 ft. base, 1 ft. high around post, marked:  
No. 105 on S. side of cap.  
1905 on S. side of cap.  
Reserve in SE. and SW. quadrants, also marked:  
T. 5 N., S. 5 W.C. in NE. quadrant.  
R. 12 W S. 8 in SE. quadrant.  
S. 7 in SW. quadrant.  
S. 6 in NW. quadrant, with 5  
notches on E. and S. edges of rim.
- 78.70 Cor. of secs. 5, 6, 7 and 8 previously described.  
Lahd, mountainous.  
Soil 3rd and 4th rate.  
Timber, dense growth of brush, chemise, live oak, manza-  
nita and cedar.  
Formation, granite.

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West on a random line bet. secs. 6 and 7.

- 41.00  $\frac{1}{4}$  sec. cor. brs. N. 4 lks dist., which is a small  
mound of stone, post decayed. I reestablish cor.  
at same point as follows:  
Set a granite stone 19x9x8 ins., 15 ins. in the ground  
for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face; dig pits 18x18x12  
ins., E. and W. of cor.  $3\frac{1}{2}$  ft. dist., raise mound of earth  
and stone  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
Set over cor. and continue line west.
- 81.50 Cor. of secs. 1, 6, 7 and 12, W. Bdy. of twp. brs. N. 50  
lks. dist., heretofore described.  
I return to the cor. of secs. 5, 6, 7 and 8  
Thence I run  
N.  $89^{\circ} 57'$  W. on a true line bet. secs. 6 and 7 over  
east slope through brush.
- 6.50 Spur brs. NW. and SE.  
9.75 Drain, course SE.  
19.00 Small drain, course S.E.  
21.00 At this point I set off  $5^{\circ} 16'$  S. on decl. arc. and at  
12h. 11m. 17s., pm., l.m.t., observe the sun on the  
meridian. The resulting latitude is  $34^{\circ} 34'$  N., which  
is about 30" greater than the proper latitude.
- 22.50 Small drain, course SE.  
24.50 Drain, course SE. Ascend steep E. slope of mountain.  
27.45 Small drain, course SE.  
41.00 Top of mountain brs. N. and S. 400 ft. above sec. cor.  
41.00  $\frac{1}{4}$  sec. cor. previously described.  
Thence I run  
N.  $89^{\circ} 17'$  W. Descend steep W. slope of mountain.
- 42.50 Change to NW. slope.  
53.00 Drain, course NW.  
57.90 Drain, course N. Ascend E. slope.  
65.75 Top of spur brs. N. and S. Descend steep W. slope.  
81.00 Road brs. NW. and S.  $20^{\circ}$  W., 400 ft. descent.  
81.44 Set iron U.S. Forest Reserve Boundary Post No. 104,  
30 ins. in the ground; raise mound of earth and stone  
4 ft. base, 1 ft. high around post, marked:

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

No. 104 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E., S.W. and N.W. quadrants.

Also marked:

R. 5N. S 6 W.C. in N.E. quadrant.  
R.12 W.S 7 in S.E. quadrant.  
R.13 W.S 12 in S.W. quadrant.  
S. 1 in N.W. quadrant, with 1  
notch on N. and 5 notches on S. edges of rim.

81.50 Cor. of secs. 1, 6, 7 and 12 previously described.  
Land mountainous.  
Soil 4th rate.  
Timber, dense brush, live oak, manzanita, chemise  
and a few scattering pinion pine and cedar.  
Formation, granite.

March 7, 1905.

March 4:

At the cor. of secs. 2, 3, 10 and 11, T. 5 N., R. 12 W,  
which is a cedar post, 2 ins. sq., 2 ft. high, in a  
mound of stone firmly set and marked. I set a granite  
Stone 15x12x6 ins., 10 ins. in the ground, by the side  
of the post, marked 2 notches on east and 5 notches on  
south faces.

Thence I run

East on a random line bet. secs. 2 and 11.

40.00 Find no trace of 1/4 sec. cor. Set temporary, con-  
tinue line east.

79.38 Cor. of secs. 1, 2, 11 and 12 hrs. N. 224 lks. dist.,  
which is a cedar post 3 ins. sq., 3 ft. high above mound  
of stone, 2 ft. base, 1 ft. high around post.

I set a granite stone 15x12x6 ins., 10 ins. in the  
ground, west of old post, marked 1 notch on east and  
5 notches on south faces; dig pits 18x18x12 ins. in  
each section, 5-1/2 ft. dist.; raise mound of earth and  
stone 5 ft. base, 2-1/2 ft. high, west of corner.

I return to the cor. of secs. 2, 3, 10 and 11.

Thence I run

N. 88° 24' E. on a true line bet. secs. 2 and 11, over  
gradual N.E. slope, along wire fence.

.06 Set iron U.S. For. Res. Bdy Post No. 108, 30 ins. in  
the ground; raise mound of earth and stone 4 ft. base,  
1 ft. high around post, marked;

No. 108 on S. side of cap.

1905 on S. side of cap.

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

T. 5 N. S. 2 W.C. in N.E. quadrant.

R. 12 W. S. 11 in S.E. quadrant.

S. 10 in S.W. quadrant.

S. 3 in N.W. quadrant, with 2

notches on E. and 5 notches on S. edges of rim  
of cap.

2.00 Small drain, course N. Enter scattering cedar.

12.70 Drain, course N.E. Thence over nearly level land.

37.00 A ditch, 40 lks wide, 4 ft. deep, course S. 80° E.  
to N. 40° W.

39.69 Set a granite stone 20x10x6 ins., 15 ins. in the  
ground, for 1/4 sec. cor., marked 1/4 on N. face;

42  
87

FD 9206

dig pits 18x18x12 ins. E. and W. of cor, 3-1/2 ft.  
dist.; raise mound of earth 3-1/2 ft. base, 1-1/2  
ft high N. of cor.  
40.02 Leave wire fence at this cor. from W. to N.  
42.35 Water tank at Harold Station brs. N. 30° 48' E.  
43.00 Wagon road brs. N. 30° W. and S. 30° E.  
Set iron U.S. For. Res. Bdy Post No. 109, 30 ins.  
in the ground; raise mound of earth and stone 4 ft.  
base, 1 ft. high around post, marked:  
No. 109 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E. and S.W. quadrants.  
44.67 Center Southern Pacific Railway track brs. N. 30° 48' W.  
and S. 30° 48' E.  
46.40 Center same ditch from N.E. to W.  
47.75 Small drain, course N.W.  
50.50 Ascend W. slope.  
52.50 Change to gradual N. slope.  
69.00 Ridge brs. N. and S.  
71.00 Small drain, course N.W.  
79.38 Cor. of secs. 1, 2, 11 and 12 previously described.  
Land, rolling and level.  
Soil, 3rd and 4th rate.  
Timber, scattering cedar and sage brush.  
From this corner watertank at Harold brs. N. 61° 55' W.

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East on a random line bet. secs. 1 and 12.

41.36 1/4 sec. cor. brs. N. 36° lks (?) dist., which is  
a cedar post 3 ins. sq., 2 ft. high in mound of stone  
I set a granite stone 14x12x8 ins., by the side of  
post, 10 ins., in the ground, marked 1/4 on N. face;  
dig pits 18x18x12 ins. E. and W. of cor. 3-1/2 ft.  
dist; raise mound of earth and stone 3-1/2 ft. base,  
1-1/2 ft. high, N. of cor.  
Set over cor. and continue line east.  
82.17 Intersect E. bdy of Twp. 29 lks N. of cor. of secs.  
1 and 12, which is a cedar post 3 ins. sq/. 3 ft. high  
in mound of stone in good state of preservation. Old  
bearing tree S. 40° W. 22 lks. dist. in good state of  
preservation.  
I return to the cor. of secs. 1, 2, 11 and 12.  
Thence I run  
.06 N. 89° 30' E. on a true line bet. secs. 1 and 12.  
Set iron U.S. For. Res. Bdy Post No. 110, 30 ins. in  
the ground; raise mound of earth and stone, 4 ft. base,  
1 ft. high around post, marked:  
No. 110 on S. side of cap.  
1905 on S. side of cap.  
Reserve in S.E. and S.W. quadrants, also marked:  
T. 5 N. S. 1 W.C. in N.E. quadrant.  
R. 12 W. S. 12 in S.E. quadrant.  
S. 11 in S.W. quadrant.  
S. 2 in N.W. quadrant, with 1  
notch on E. and 5 notches on S. edges, of cap.  
Thence over gradual W. slope, through scattering  
Cedar and sage brush.  
12.00 Change to gradual S.W. slope.  
22.50 Change to gradual N. slope.

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

28.00 Drain, course N.W.  
31.00 Change to S.E. slope.  
39.00 Drain, course N.E. Ascend steep west slope  
41.00 Top of ascent  
41.36 1/4 sec. cor. previously described  
Thence I run  
S. 89° 35' E.  
44.57 Drain, course N.E.  
47.75 Drain, course N.E.  
51.30 Drain, course N.  
53.35 Drain, course N.  
54.25 Flume course N.W. 10 lks. wide, 4 ft. deep  
55.20 Wagonroad and telephone line brs. N.W. and S.E.  
55.35 Set iron U.S. Forest Reserve Boundary Post No. 111  
30 ins. in the ground raise mound of earth, 4 ft.  
base, 1 ft. high around post, marked:  
No. 111 on S. side of cap  
1905 on S. side of cap  
RESERVE in S.E. and S.W. quadrants  
63.00 Ravine, 50 lks. wide, 10 ft. deep, course N.W.  
Thence over gradual west slope  
81.65 Road brs. N. & S.  
82.17 Corner Secs. 1 and 12 previously described  
Land rolling  
Soil third rate  
Cedar brush.

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East bdy. T. 5 N., R. 12 W.

From the cor. of Secs. 1 and 12  
Thence I run

40.00 South on a random line along east boundary of Secs. 12  
Find no trace of old corner. Set temp 1/4 cor.  
57.17 C.C. secs. 7 and 18, T. 5 N., R. 11 W., brs. E.  
27 lks. dist., which is a cedar post 3 in. sq. 2 ft high  
in mound of stone, firmly set, marked and witnessed.  
80.24 Cor. of Secs. 12 and 13 brs. E. 21 lks. dist. which is  
a cedar post 3 in. sq. 3 ft. along in mound of stone  
properly marked  
I set a sandstone 19x10x6 in. 12 in. in the ground by  
the side of old post, marked 2 notches on N. and 4 notches  
on S. side of stone, 6 notches on W. face, from which D  
mark  
A double cedar tree 12 in. diam. brs. S. 84° W.  
27 lks. dist. marked T. 5 N., R. 12 W., S. 13 B. T.  
I return to the cor. of Secs. 1 and 12  
Thence I run S. 0° 9' E. on a true line along E. Bdy.  
of Sec. 12. Over gently rolling land through scattering  
cedar.  
.06 Set iron U.S. For. Res. Bdy Post No. 112, 30 in. in the  
ground, raise mound of earth and stone 4 ft. base,

44  
89

FD 9206



1 ft. high around post, marked  
No. 112 on S. side of cap  
1905 on S. side of cap  
RESERVE in S.W. quadrant, also marked  
W.C. in N.E. quadrant  
T. 5 N., S. 12 in S.W. quadrant  
R. 12 W., S. 1 in N.W. quadrant with 5 notches  
on S. and 1 notch on N. edges of rim

2.00 Enter road brs. N. & S.  
12.55 Cross road brs. N. 60° W. and S. 60° E.  
13.00 Set iron U.S. For. Res. Bdy Post No. 113, 30 in.  
in the ground, raised mound of earth and stone 4 ft. base,  
1 ft. high around post, marked  
No. 113 on S. side of cap  
1905 on S. side of cap  
RESERVE in S.W. and N.W. quadrants

16.80 Irrigation ditch brs. N. 60° W.  
18.25 Telephone line brs. N. 56° 30' W. and S. 56° 30' E.  
37.50 Old road brs. N.E. and S.W. Enter level land  
40.12 Set a sandstone 18x12x6 in. 12 in. in the ground for  
1/4 sec. cor (For E. Bdy Sec. 12), marked 1/4 on  
W. face, Dig pits 18x18x12 in N. and S. of cor.  
3-1/2 ft. dist. Raised mound of earth and stone 3-1/2  
ft. base, 1-1/2 ft. high W. of cor.

43.50 Leave valley, ascend gradual N. slope  
47.00 Drain, course N.W.  
52.50 Top of low spur brs. E. and W.  
Note: Cloudy, no observation for latitude

57.05 Drain, course N.E.  
59.17 C. C. secs. 7 and 18, T. 5 N., R. 11 W., brs. E.  
12 lks dist.

63.75 Wash, course N.E.  
67.00 Ascend N.W. slope  
70.00 Drain, course N.W.  
73.00 Road brs. N.W. and S.E.  
78.00 Bend in a dry wash 20 lks wide, from S. 20° W. to N.W.  
80.24 Cor. of Secs. 12 and 13, previously described  
Land rolling and level Soil second and third rate.  
Timber scrub cedar and a few yucca palms

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From the cor. of Secs. 12 and 13,  
Thence I run S. on random line along E. Bdy. Sec. 13  
40.00 Find no trace of 1/4 cor.  
Set temp. 1/4 sec. cor.  
58.90 C.C. Secs. 18 and 19, T. 5 N., R. 11 W., brs. E. 27 lks.  
dist., which is a pine post 4 in. sq., 2-1/2 ft. high  
in mound of stone marked C. C. T. 5 N., R. 11 W. on E.  
S. 18 on N., S. 19 on S. faces of post witnessed by  
mound of stone E. of cor.

45  
90