



GEO. H. THOMPSON
1862

GEO. W. PEARSON
1901

T. 7 N., R. 16 W., S. B. M.

Field notes of frac. subdivisions in T. 7 N., R. 16 W., S. B. M.
Commenced November 14, 1862.

As this Tp. lies in very rough & broken mountains, it is impracticable to survey the exterior bdys. of the Tp. I therefore for the purpose of locating the sec. to be subdivided, commenced at the cor. to secs. 19, 20, 29, 30, in T. 8 N., R. 16 W. and run thence South 40.00 chs. bet. secs. 29 and 30, along the line of the Rancho "La Liebre".

XXXXXXXXXXXX

- Var. 14° 15' E.
- 105.50 At 10.00 chs. road thence along near same.
At 54.70 chs. S.B. of T. 8 N., R. 16 W. (by calculation) thence in T. 7 N., R. 16 W.
S. 45° E.
- 28.28 To a point in Canada, thence South
- 20.64 At 64 lks. set large oak post 20.64 chs. Set post in mound of earth with pits & trenches as per inst. for $\frac{1}{4}$ sec. cor. on the S. E. of Sec. 4 at the base of the high brushy mountains.
Thence East
- 40.00 Bet. secs. 4 and 9. Var. 14° 15' E.
At 15.00 chs. enter thick scrub oak brush.
20.00 chs. set a post
26.25 chs. road course N. 74° W. & S. 74° E.
At 40.00 chs. set post for the cor. to secs. 3, 4, 9, 10 with mound, trenches and pits as per inst.
Land undulating, soil 2nd and 3rd rate.
-
- 40.00 North
Bet. secs. 3, 4 Var. 14° 15' E.
At 5 chs. ascend steep mountain.
At 14.50 chs. top of mountain, thence over brushy and broken hills.
At 40.00 chs. set post for $\frac{1}{4}$ sec. cor. with mound and trenches, and pits as per inst.
The rough character of the country prevented ^{my} executing the subdivision any further in this direction.
- Note: The SW $\frac{1}{4}$ of this $\frac{1}{4}$ sec. lies almost entirely in the Canada. It has a fine spring on it and is fine rich land covered with a heavy growth of white oak timber, - with this exception the country is very rough and broken.
- c Then commencing at the cor. to secs. 3, 4, 9, 10 I run S. 64 $\frac{1}{2}$ ° E.
- 25.91 Ascending low divide up narrow brushy canon at 25-91 chs. summit of divide. Thence descending gradual slope in Canada.
- E.
18.00 To a point in Canada.
S. 62 $\frac{1}{2}$ ° E.
- 5.00 To a point in Canada.
S. 45° E.
- 8.00 To a point in Canada.
East.
- 8.52 To a point in Canada.
South
- 20.87 Along the foot of low brushy hills.
At 87 lks., set an oak post; from this post the cor. of a small house brs. S. 47-3/4° E.

At 1.75 chs. road, course NW & SE.
 At 10.00 chs., cross spur of chaparral hill.
 At 14.50 chs., deep ravine $1\frac{1}{2}$ chs. wide, course E.
 At 20.87 chs. made large stone mound on top of low chamisal hill.
 From this point the cor. of small house brs. N. 44° E. Thence East
 60.00 At 4.50 chs. foot of hill and enter valley, thence along near
 the base of high brushy mountains at 20.00 chs. Set post in
 mound of earth with trenches & pits as per inst. for $\frac{1}{4}$ sec. cor.
 on sec. line bet. secs. 10, 11.
 At 31.00 chs. cross a brushy spur of the mountain.
 At 48.50 chs. passed 50 lks. at the right of small lake.
 At 53 chs. ascend brushy hill.
 At 60 chs. made large mound of stone on steep hill side $\frac{1}{2}$ for $\frac{1}{4}$
 sec. cor. in the center of sec. 11; thence North
 20.00 At 3.75 chs. foot of hill thence crossing small canada course
 NW & SE; at 10.00 chs. ascend steep hill.
 At 20.00 chs. set post on top of hill.
 Thence commencing at the $\frac{1}{4}$ sec. cor. on the sec. line, secs. 10, 11
 I run
 North
 40.00 Bet. secs. 10, 11
 Crossing small valley at 15.00 chs. enter brushy & broken Hills.
 At 40.00 chs. set post in mound with trenches, pits etc., as per
 inst. for the cor. to secs. 2, 3, 10, 11.
 Land broken, soil 2nd & 3rd rate.
 Completed November 17, 1862.

George H. Thompson

Vol. 207-33
 G.B.J.

T. 7 N., R. 16 W., S. B. M.

Aug. 23; At 9A. 12M. A.M. l.m.t. I set off $34^{\circ} 42'$ on the lat.
 arc; $11^{\circ} 33'$ on the decl. arc; and determine a true meridian with
 the solar at the cor. of secs. 7, 12, 13 & 18 on the E.B. of the
 Tp. which is a granite stone $8 \times 6 \times 4$ ins. above ground, marked
 with 2 notches on N. & 4 notches on S. edges; with mound of stone
 3 ft. base 2 ft. high E. of cor.
 Thence I run
 West on a true line bet. secs. 12 & 13.
 Through dense brush; descend abruptly.
 1.00 Cross gulch 5 lks. wide 40 ft. below sec. cor., course S. Ascend
 2.25 Top of spur 30 ft. above gulch brs. S. thence descend over a
 succession of small spurs and gulches brg. S.
 12.75 Cross gulch 10 lks. wide course S. Ascend
 15.30 Top of spur brs. S. & descend.
 38.00 Road leading from Fort Tejon to Elizabeth Lake brs. NW & SE.
 Road in center of Canon 20 lks. wide 250 ft. below sec. cor.
 course SE. Ascend.
 40.00 Set granite stone $14 \times 8 \times 4$ ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face; dig pits $18 \times 18 \times 12$ ins. E & W of stone 4 ft.
 & raise mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
 49.00 Top of ridge brs. N. & S. Descend rapidly.
 58.00 Cross canon 20 lks. wide 350 ft. below ridge course NE.
 Ascend rapidly.
 68.00 Top of ridge on N. slope of peak brs. N. & S. Descend rapidly.
 74.50 Cross gulch 20 lks. wide course N. Ascend.
 77.50 Top of spur brs. N. Descend.

80.00 Set granite stone 18x8x7 ins. 12 ins. in the ground for cor. to secs. 11, 12, 13 & 14, marked with 4 notches on S. & 1 notch on E. edges, & raise a mound of stone covered with earth 4 ft. base 2 ft. high W. of cor. Land rough mountains, soil 3rd rate. No timber. Undergrowth 80.00 chs. of dense chaparral. Mountainous land 80.00 chs. Aug. 23, at this cor. I set off 11° 30' on the decl. arc; & Ochr. 2 m. 38 s. P.M. l.m.t. observe the sun on the meridian, the resulting lat. is 34° 42'.

West on a true line between secs. 11 & 14. Through dense brush, descend
 5.75 Cross canon 20 lks. wide course N. Ascend abruptly.
 15.00 Top of spur 200 ft. above canon brs. N. 30° E. Descend
 25.00 Cross gulch 17 lks. wide 200 ft. below spur course N. 30° E. Ascend.
 34.50 Top of spur 350 ft. above gulch ^{brs.} brs. N., descend.
 39.00 Enter scattering pine timber brs. N. & S. At 40.00 chs. the point for $\frac{1}{4}$ sec. cor. falls on ground unsuitable for monument, at
 39.50 I mark a ~~well~~ ^{well} 4 $\frac{1}{2}$ ft. dia. W.O. $\frac{1}{4}$ S. on N. side for witness cor. to $\frac{1}{4}$ sec. cor. & raise a mound of stone 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable. This witness $\frac{1}{4}$ sec. cor. is 50 lks. E. of the true point for $\frac{1}{4}$ sec. cor.
 40.00 The true point for $\frac{1}{4}$ sec. cor.
 48.00 Cross deep gulch 30 lks. wide course NE. Ascend abruptly.
 54.56 Top of spur brs. N. Descend.
 72.70 Enter canon course N.
 76.68 A spring of good water brs. N. about 150 lks. dist.
 78.00 Leave canon & ascend.
 80.00 Set a granite stone 10x10x6 ins. 12 ins. in the ground for cor. of secs. 10, 11, 14 & 15 marked with 4 notches on S. & 2 notches on E. edges; & raise a mound of stone covered with earth 4 ft. base 2 ft. high W. of cor. Land, rough, brushy mountains, soil 3rd rate. Timber, some scattering groves of pine in canons & gulches. Undergrowth of white thorn, manzanita & scrub oak. Mountainous land 80.00 chs.

Aug. 23, 1901.

West on true line bet. secs. 10 & 15. Through brush & scattering timber. Ascend.
 11.40 Top of spur brs. N., descend.
 17.00 Enter canon course N.
 24.00 Leave canon & ascend rapidly.
 37.50 Top of ridge 200 ft. above canon brs. N. & S. Descend.
 40.00 Set a granite stone 18x10x6 ins. 14 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, & raise a mound of stone covered with earth 4 ft. base 2 ft. high N. of cor. From cor.
 A white oak 12 in. dia. brs. S. 17° 15' E. 11 lks. dist. marked $\frac{1}{4}$ S.B.T. No other tree within limit.
 40.60 Cross gulch 20 lks. wide course N. Ascend.
 44.75 Top of spur brs. N. Descend.
 50.00 Cross gulch 30 lks. wide course N. Ascend abruptly.
 59.50 Leave brush brs. N. & S. Enter heavy timber brs. N. & S.

80.00

Set a granite stone 20x12x5 ins. 15 ins. in the ground for cor. to Secs. 9, 10, 15 & 16, marked with 4 notches on S. & 3 notches on E. edges; & raised a mound of stone covered with earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.

From cor.

- A Black oak 18 in. dia. brs. N. 52°40' E. 66 lks. dist. marked T. 7 N., R. 16 W., B.T.
- A Black oak 10 in. dia. brs. S. 40°20' E., 47 lks. dist. marked T. 7 N., R. 16 W., S. 15 B.T.
- A Black oak 20 in. dia. brs. S. 26°35' W. 57 lks. dist. marked T. 7 N., R. 16 W., S. 16 B.T.
- A Black oak 6 in. dia. brs. N. 69°30' W. 76 lks. dist. marked T. 7 N., R. 16 W., S. 9 B.T.

Land rugged mountains, soil 2nd rate.

Timber 59.50 chs. scattering timber & 20.50 chs. heavy timber.

Undergrowth 59.50 chs. heavy chaparral.

Mountainous land 80.00 chs.

Aug. 24, at this cor. I set off 11° 9.5' on the decl. arc; & at 0 h. 2 m. 22 s. P.M. 1 m.t., observe the sun on the meridian; the resulting lat. is 34° 42'.

West on a true line bet. Secs. 9 and 16.

Through timber, ascend.

30.00

Leave timber brs. N & S.

Enter dense brush brs. N. & S.

40.00

Set granite stone 14x12x10 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face; & raise a mound of stone covered with earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.

Aug. 24; at 2 h. 30 m. P.M. 1 m.t., I set off 34°42' on the lat. arc; 11°7.5' on the decl. arc; & determine a true meridian with the solar at this 1/4 sec. cor.

46.40

Top of high ridge brs. N. 75° W. & S. 75° E. 500 ft. above sec. cor. Descend along S. slope.

50.00

Cross gulch 10 lks. wide 50 ft. below summit course S. 30° E. Ascend.

60.00

Top of spur brs. S. 50 ft. above gulch. Descend.

77.00

Cross gulch 20 lks. wide 250 ft. below spur, course SE. Ascend.

80.00

Set a granite stone 20x10x6 ins. 15 ins. in the ground for cor. of Secs. 8, 9, 16 & 17, marked with 4 notches on S. & E. edges; & raise a mound of stone covered with earth 4 ft. base 2 ft. high W. of cor. Land mountainous, soil 3rd rate.

Timber 30.00 chs. of pine & oak.

Undergrowth 50.00 chs. heavy chaparral.

Mountainous land 80.00 chs.

Aug. 24, 1901.

August 26; at 7 h. 54 m. A.M., 1 m.t., I set off 34°42' on the lat. arc; 10°32' on the decl. arc; and determine a true meridian with the solar at the cor. of Secs. 11, 12, 13 & 14.

Thence I run

N. 0°1' W. bet. Secs. 11 & 12.

Through dense brush; descend.

22.00

Enter canon 400 ft. below sec. cor. course N.W.

22.80

Cross road brs. NW & SE.

30.00

Leave canon, ascend rapidly.

40.00

Set a granite stone 20x12x10 ins. 15 ins. in the ground for 1/4 sec. cor. (Marked 1/4 sec. cor.) marked 1/4 on W. face & raise a mound of stone covered with earth 3 ft. base 2 ft. high W. of cor.

Cor. on top of ridge brs. E & W. Descend.

50.00 Cross road in bed of canon brs. NE & SW.
 Canon 200 lks. wide course NE. Ascend.
 78.75 Top of spur brs. E. Descend.
 80.00 Set a granite stone 20x10x8 ins. 15 ins. in the ground for cor.
 to secs. 1 & 12 marked with 5 notches on S. & 1 notch on N. edges,
 dig pits 24x24x12 ins. in each sec. 5 ft. dist. & raise mound of
 earth $4\frac{1}{2}$ ft. base 2 ft. high E. of cor.
 Land mountainous & rolling, soil 3rd rate. No timber.
 Undergrowth 80.00 chs. heavy chaparral.
 Mountainous land 70.00 chs. Rolling land 10.00 chs.
 August 26: At this cor. I set off $10^{\circ} 28'$ on the decl. arc and at
 Oh. la. 50s. P.M. l.m.t., observe the sun on the meridian; the
 resulting lat. is $34^{\circ} 43'$ about.

40.00 East on a random line bet. secs. 1 and 12.
 80.30 Set temp. $\frac{1}{4}$ sec. cor.
 Int. E.B. of the Tp. 10 lks. N. of cor. of secs. 1 & 12, which is a
 granite stone 18x16x10 ins. above ground, marked with 5 notches on
 S. and 1 notch on N. edges; with mound of stone 4 ft. base, 2 ft.
 high W. of cor.
 From cor.
 A pine 30 in. dia. brs. S. 32° W. 42 lks. dist.
 marked S. 12 T. 7 N., R. 16 W. B.T.

Thence I run
 N. $89^{\circ} 56'$ W. on a true line bet. secs. 1 & 12.
 Over bed of canon course S. 80° E.
 1.30 Cross bend of road brs. NE. & NW.
 1.80 To base of ridge brs. N. 80° W. & S. 80° E. Leave canon & ascend.
 Enter brush brs. N. & S.
 7.80 Top of ascent on N. slope of mountain, descend.
 30.30 Cross gulch 30 lks. wide course N. Ascend.
 32.55 Top of spur brs. N. 100 ft. above gulch, descend.
 35.30 Cross gulch 10 lks. wide course N. Ascend.
 37.25 Top of spur brs. N. Descend.
 40.15 Set a granite stone 18x10x8 ins. 14 ins. in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N. face & raise a mound of stone covered with
 earth $3\frac{1}{2}$ ft. base 2 ft. high N. of corner.
 41.80 Cross gulch 30 lks. wide course N. Ascend.
 43.70 Top of spur brs. N. 26° E. 100 ft. above gulch, descend.
 45.20 Cross gulch 40 lks. wide 100 ft. below spur course N. Ascend.
 49.70 Top of spur 100 ft. above gulch, brs. N. Descend.
 55.30 Cross gulch 100 lks. wide 150ft. below spur course NE. Ascend.
 57.20 Top of spur brs. N. Descend.
 62.05 Cross a road brs. NE. & SW.
 63.80 Cross a dry wash 100 lks. wide course NE. Ascend.
 80.30 The cor. of secs. 1 & 12.
 Land mountainous, soil rocky 3rd rate. No timber.
 Undergrowth 80.30 chs. heavy chaparral.
 Mountainous land 80.30 chs.

August 26, 1901

40.00 Aug. 27. At 7h. 30m. A.M. l.m.t., I set off $34^{\circ} 43'$ on the Lat.
 arc; $10^{\circ} 12'$ on the decl. arc & determine a true meridian with the
 solar at the cor. of secs. 1 and 12.
 Thence I run
 N. $0^{\circ} 1'$ W. on a random line bet. secs. 1 & 2.

74.31 Int. N.B. of the Tp. 12 lks. W. of the cor. of secs. 1, 2, 35, 36
previously described.
Thence I run
S. 0° 5' W. on a true line bet. secs. 1 and 2.
Through brush, ascend abruptly.
24.50 Summit of high ridge brs. E. & W. Descend abruptly.
32.20 Cross gulch 10 lks. wide 600 ft. below ridge, course SW. Ascend.
34.31 Set granite stone 20x10x8 ins. 15 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face; & raise a mound of stone covered with
earth 4 ft. base 2 ft. high W. of cor.
35.30 Top of spur brs. W. 100 ft. above gulch, descend.
64.30 Cross road in canon brs. E. & W.
Canon 150 lks. wide course E. Ascend.
74.31 The cor. of secs. 1 and 12.
Land mountainous, soil 3rd rate. No timber.
Undergrowth 74.31 obs. heavy chaparral.
Mountainous land 74.31 obs.

From the corner of secs. 10, 11, 14 & 15, I run
N. 0° 1' W. on a random line bet. secs. 10 & 11
33.08 To a point 175 lks. E. of the $\frac{1}{4}$ sec. cor., described in Book of Re-
4 subdivisions T. 7 N., R. 16 W. As the falling is in excess of the
limit prescribed in the Manual for random lines, a closing cor. for
secs. 10 & 11 will be necessary.
From the $\frac{1}{4}$ sec. cor. I run
S. 0° 1' E. on a true line bet. secs. 10 & 11
Through brush, ascend.
16.08 Top of spur 200 ft. above $\frac{1}{4}$ sec. cor. brs. E., descend.
22.40 Cross gulch 30 lks. wide 150 ft. below spur course NE. Ascend.
29.58 Top of spur brs. NE. Descend.
33.08 Int. line bet. secs. 10 & 15, 175 lks. W. of the cor. to secs. 10, 11,
14 & 15. Set a granite stone 13x10x4 ins. 10 ins. in the ground,
for closing cor. to secs. 10 & 11 marked C.C. on N. with 4 grooves
on W. & 2 grooves on E. faces; and raise a mound of stone covered
with earth $3\frac{1}{2}$ ft. base 2 ft. high N. of cor.
I change the cor. of secs. 10, 11, 14 & 15 to cor. for secs. 14 &
15, by removing the notches from S. edges of stone.
Land mountainous, soil 3rd rate. No timber.
Undergrowth 33.08 obs. Mountainous land 33.08

August 27, 1901.

Aug. 28: At 7h. 10m. A.M. l.m.t., I set off 34° 42' on the lat.
arc; 9° 51.5' on the decl. arc & determine a true meridian with
the solar at the cor. of secs. 2, 3, 10 & 11.
Thence I run
East on a true line bet. secs. 2 & 11.
Through dense brush, descend.
3.50 Cross gulch 12 lks. wide 50 ft. below sec. cor., course N.
6.50 Top of spur brs. N., descend.
17.50 Cross gulch 20 lks. wide course N. 20° E. Ascend.
25.25 Tim Blanchard's dwelling house brs. N. 7° 50' W. about 56 obs.
31.00 Top of spur 300 ft. above gulch brs. N. Descend.
37.40 Cross gulch 20 lks. wide 300 ft. below spur course N. 20° E.
Ascend.
40.00 Set a granite stone 16x10x8 ins. 12 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face & raise a mound of stone covered with
earth $4\frac{1}{2}$ ft. base 2 ft. high N. of cor.

49.30 Top of spur 200 ft. above gulch brs. N., descend.
 53.80 Cross gulch 12 lks. wide 150 ft. below spur course NE. Ascend.
 55.90 Top of low spur brs. E., descend.
 58.00 Cross gulch 8 lks. wide course N. 30° W. Ascend.
 76.00 Top of spur brs. E. Descend.
 81.60 Int. N. & S. line at a point S. 0° 1' E. 6.74 chs. from cor. of secs. 1 & 12. Set a granite stone 28x28x7 ins. 21 ins. in the ground for closing cor. of secs. 2 & 11 marked G.O. on W. with 5 grooves on S. & 1 groove on N. face & raise a mound of stone covered with earth 4 ft. base by 2 ft. high W. of cor.
 Land mountainous, soil 3rd rate. No timber.
 Undergrowth 81.60 chs. dense chaparral.
 Mountainous land 81.60 chs.
 August 28 - At this cor. I set off 9.46' on the decl. arc & at Ch. lm. 16s. P.M. 1.m.t., observe the sun of the meridian, the resulting lat. is 34° 42'.
 August
 April 28, 1901.

August 29: At 7h. A.M., 1.m.t., I set off 34° 42' on the lat. arc; 9° 31' on the decl. arc & determine a true meridian with the solar at the cor. of secs. 11, 12, 13 & 14.

Thence I run
 S. 0° 1' E. on a true line bet. secs. 13 & 14.
 Through brush, ascend.

30.00 Top of ridge brs. E. & W. Descend.
 40.00 Set granite stone 16x10x10 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.

71.20 Cross sheep canon 30 lks. wide course N. 60° E. Ascend.
 80.00 Set a granite stone 20x9x6 ins. 15 ins. in the ground for cor. to secs. 13, 14, 23 & 24, marked with 3 notches on S. and 1 notch on E. edges, & raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base 2 ft. high W. of cor.

Land rough brushy mountains, soil 3rd rate.
 Timber, a few scattering pine in canon.
 Undergrowth, dense chaparral, Mountainous land 80.00 chs.

East on a random line bet. secs. 13 & 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Int. E.S. of the Tp. at the cor. of secs. 13, 18, 19 & 24, which is a granite stone 10x5x4 ins. above ground marked with 3 notches on N. & S. edges.

Thence I run
 West on a true line bet. secs. 13 & 24.
 Through brush; ascend along N. slope of mountain.

30.00 Cross a succession of small gulches & spurs brg. N.
 40.00 Top of ascend brs. N. & S. Descend.
 Set a granite stone 10x12x8 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face & raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base 2 ft. high N. of cor.

45.00 Cross gulch 20 lks. wide 15 ft. deep course N. Ascend.

65.00 Top of spur brs. N. 20° E. Descend.
 80.00 The cor. of secs. 13, 14, 23 & 24.
 Land rough mountain, soil 3rd rate.
 Timber, a few scattering pine on mountains.
 Undergrowth, heavy chaparral.
 Mountainous land 80.00 chs.

August 29, 1901.

August 30, At 7 h. 30 m. A.M. l.m.t., I set off $34^{\circ}42'$ on the lat. arc; $9^{\circ}8'$ on the decl. arc; & determine a true meridian with the solar at the cor. of Secs. 14 & 15.

Thence I run

S. $0^{\circ}1'$ E. on a true line bet. Secs. 14 & 15.

Through dense oak brush, descend.

1.00 Cross ravine 10 lks. wide course E. Ascend.

15.00 Begin steep ascent along E. slope of ridge

Enter fir & pine timber brs. E & W.

40.00 Set a granite stone $40 \times 10 \times 6$ ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; & raise a mound of stone covered with earth $4\frac{1}{2}$ ft. base 2 ft. high, around cor.

Im practicable to sink stone deeper or dig pits & too steep to build a mound alongside of cor.

From cor.,

A fir 3 ft. in dia. brs. N. 61° W. 32 lks. dist. marked $\frac{1}{4}$ S.B.T.

No other tree within limit.

60.00 Cross head of Canon 50 lks. wide 30 ft. deep course NE.

64.00 Cross trail on summit of mountain brs. E & W., 1500 ft. above the cor. of Secs. 10, 11, 14 & 15. Descend rapidly.

68.68 I cannot proceed further on this line owing to the abrupt, precipitous descent over the S. slope of the mountain.

Set a granite stone $16 \times 10 \times 5$ ins. 12 ins. in the ground for witness cor. to cor. of Secs. 14, 15, 22 & 23, marked W.C. with 2 notches on E. & 3 notches on S. edges; & raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base 2 ft. high W. of cor.

From cor.

A Black oak 5 in. dia. brs. N. 85° W. 35 lks. dist. marked T. 7 N., R. 16 W. S. 15 W.C.B.T.

No other tree within limits.

80.00 This witness cor. is 11.32 chs. N. of true point for sec. cor.

The true point for cor. of Secs. 14, 15, 22 & 23 falls on precipitous S. slope of mountain.

Land rugged mountain, soil 3rd rate.

Timber, fir, pine and oak.

Undergrowth oak brush, young timber & chaparral.

Mountainous land 80.00 chs.

August 30: At the witness cor. to cor. of Secs. 14, 15, 22, 23, I set off $9^{\circ}4'$ on the decl. arc; & at 0 h. 0 m. 40 s P.M. l.m.t., observe the sun on the meridian; the resulting lat. is $34^{\circ}41'$.

East on a random on offset line through Sec. 14 as follows:

East 40.00 chs. then on offset line South 11.32 chs. to random line bet. Secs. 14 and 23, and

40.00 East of the true point for cor. to Secs. 14, 15, 22 and 23.

Set temp. $\frac{1}{4}$ sec. cor.

Thence I run

East on a random line bet. Secs. 14 & 23.

80.00 Int. N. & S. line at the cor. of Secs. 13, 14, 23 & 24.

Thence I run

West on a true line bet. Secs. 14 & 23.

Descend rapidly along N. slope of mountain.

20.00 Cross deep gulch 18 lks. wide course N. 60° E. Ascend

23.00 Top of ascent brs. N. & S. Descend.

27.75 Cross Sheep Canon 50 lks. wide course N. 70° E. Ascend.
 35.00 A spring brs. S. about 3.00 chs. dist.
 40.00 The point for $\frac{1}{4}$ sec. cor. falls on a rock in place 36x18x16 ins. above ground on which I cut a cross (x) at the exact cor. point for $\frac{1}{4}$ sec. cor. marked on top face and raise a mound of stone covered with earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor. Thence offset N. 11.32 chs. thence run on offset line.

59.50 Counting from sec. cor., summit of mountain brs. N. 20° W. & S. 20° E. Descend rapidly to

78.50 Cross ravine 30 lks. wide course S. & ascend.
 80.00 The witness cor. to cor. of secs. 14, 15, 22 & 23. Land rough mountains, soil 3rd rate. Timber, a few scattering fir & pine on mountain. Undergrowth, scattering clumps of brush. Mountainous land 80.00 chs.

August 30, 1901.

I find the old cor. of secs. 3, 4, 9 & 10, which is a post partly decayed 3 in. sq. 15 ins. above mound of stone & earth marked T. 7 N. S. 3 on NE., R. 16 W. on SE., S. 9 on SW. & S. 4 on NW. faces. I remove this cor. & re-establish it at the same point as follows:

Set a granite stone 24x16x12 ins. 18 ins. in the ground for cor. of secs. 3, 4, 9 & 10 marked with 4 notches on S. & 3 notches on E. edges & raise a mound of stone covered with earth 4 ft. base 2 ft. high W. of cor.

August 31: At 8h. A.M. l.m.t., I set off 34° 43' on the lat. arc; 8° 46' on the decl. arc & determine a true meridian with the solar at this cor.

Thence I run East on a random line bet. secs. 3 & 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.50 Int. N. & S. line 4 lks. S. of the cor. of secs. 2, 3, 10, 11 Thence I run S. 59° 58' W. on a true line bet. secs. 3 & 10. Through dense brush, descend.

13.25 Cross road in bed of canon brs. NE. & SW.
 Canon 100 lks. wide course NE. Ascend.

30.00 Top of spur brs. NE. Descend.
 38.00 Center of dry wash in gulch 100 lks. wide course N. 80° E. Ascend.

39.75 Set a granite stone 10x8x6 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; dig pits 18x18x12 ins. E. & W. of stone 4 ft. dist. & raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor. Top of ridge brs. NW. & SE. Descend.

59.00 The cor. to secs. 3, 4, 9 & 10.
 79.50 Land mountainous, soil 2nd rate. Timber scattering oak in canons. Undergrowth, dense chaparral. Mountainous land 79.50 chs.

August 31: At this cor. I set off 8° 42' on the decl. arc & at 0h. 0m. 22s. P.M. l.m.t., observe the sun on the meridian, the resulting lat. is 34° 43'.

Knowing that a closing cor. of secs. 9 & 10 will be necessary I make the line bet. secs. 9 and 10 a true line From the cor. of secs. 9, 10, 15 & 16 I run