

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

San Francisco, California.

October 31, 1919.

I, Louis H. Mooser, U. S. Surveyor General for California, do hereby certify that the annexed transcript of the field notes of the North and West Boundaries and subdivision lines of Township 7 North, Range 14 West of the San Bernardino Meridian, California, is a true and literal exemplification of the same on file in this office.

IN TESTIMONY WHEREOF I have hereunto subscribed my name and caused the seal of this office to be affixed on the day and year above written.

Louis H. Mooser (Sgd.)
United States Surveyor General
for California.

(S E A L)

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25 24	24	19	15	12	8		
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33 23	23	19	15	11	7		
36 18 23	17	18 16	15 15	11 14	7 13		
46 55	58 57						
37 22	56 22	59 18	14	15	6		
19 22	49 20 18	21 14	22	10 23	6 24		
32	50						
42 41	44 45						
32 47	21	53 17	13 14	10 10	6 6		
31 30 21	31 29	17 28	13 27	26	25		
38 40 41 40	51	52	13	9	5		
39 21 20	20	17 13	13	9	5		
31 32 16	54 33	34	9 35	5 36			
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NORRIS - 1854 Blue
NEWELL 1884 Green
PEARSON 1901 Orange
ENSIGN 1898 Red

North on the East Boundary of Sec. 1

Var. $14^{\circ} 12'$ East.

x x x x x x x

80.00 To a point for corner to Townships 7 & 8 N., Rs. 13 & 14 West. Drove a stake charred, chalked & notched & raised a mound with trench & pits as per instructions.
Land level sandy. Growth of grass & Scrub.

North Boundary.

From the corner to Townships 7 & 8 North, Ranges 13 & 14 West, I run

West on a true line between said Townships along the south boundary of Sec. 36.

Variation $14^{\circ} 12'$ East.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits as per instructions.

80.00 Set a post charred, chalked & notched for the corner to Sec. 1, 2, 35 & 36 & raised a mound with trench & pits as per instructions.

Land slightly rolling, sandy soil 2nd rate.

Growth of grass and weeds.

West along the South Boundary of Sec. 35.

Var. $14^{\circ} 12'$ East.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised mound with trench & pits per instructions.

80.00 Set a post charred & chalked & notched for the corner to Sec. 2, 3, 34 & 35 & raised a mound with trench & pits per insts.

Land gently rolling open plain. Soil 2nd rate.

Heavy growth of grass & weeds.

West along the South boundary of Sec. 34.

Var. $14^{\circ} 12'$ East.

10.00 To road leading from Los Angeles to Tehichipe Valley bears N. & S.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &

raised a mound with trench & pits per instructions.

80.00 Set a post charred, chalked & notched for the corner to Sec. 3,4,33 & 34, and raised a mound with trench & pits per instsn.

Land gently rolling 2nd rate. Grass & etc. good grazing.

West along the South boundary of Sec. 33.

Var. 14° 12' East.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instns.

80.00 Set a post charred, chalked & notched for the corner to Sec. 4,5,32 & 33, and raised a mound with trench & pits per instructions.

Land gently rolling & open 2nd rate.

Growth grass and weeds.

West along the south boundary of Sec. 32.

Var. 14° 12' East.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

55.00 Foot of low hills bears N. & S.

80.00 Set a post charred, chalked & notched for the corner to Sec. 5,6,31 & 32, & raised a mound with trench & pits per instructions.

Land rolling and open 2nd rate.

Growth of grass &c.

West along the South boundary of Sec. 31.

Var. 14° 12' East.

40.00 Set a post charred & chalked for $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

45.00 Leave hills bears N. & S.

80.00 Set a post charred, chalked & notched for the corner to Townships 7 & 8 North, Ranges 14 & 15 West and raised a mound with trench & pits as per instructions.

Land gently rolling 2nd rate.

Growth of grass and weeds.

West Boundary.

From the corner of Townships 7 & 8 North Ranges 14 and 15 West, I ran

South Between said Ranges along the East Boundary of Section 1
Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

80.00 Set a post charred, chalked & notched for corner to Secs. 1, 6, 7 & 12 & raised mound with trench & pits per instructions.
Land 2nd rate & gently rolling good grass.

South along the East boundary of Sec. 12

Var. 14° 12' East

16.00 To Road leading from Los Angeles to Tejon Pass, N.W.

40.00 Set a post charred & chalked for $\frac{1}{4}$ sec. corner and raised mound with trench & pits per instns.

80.00 Set a post charred, chalked & notched for the corner to Secs. 7, 12, 13 & 18, & raised a mound with trench & pits per instructions.

Land gently rolling 1st rate.

Heavy growth of grass.

South along the East boundary of Sec. 13.

Var. 14° 12' East.

25.00 To foot of low mountain bears N. 80 W. & ascend the same

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits as per instructions.

63.00 Enter scrub bears E. & W.

80.00 Set a post charred, chalked & notched for the corner to Secs. 13, 18, 19 & 24, & raised a mound with trench & pits per instructions.

Exterior Lines of T. 7 N., R. 14 W.

Chains.

Land mountainous 3rd rate.

Growth of oaks & cedar scrub.

South along the East boundary of Sec. 24.

Var. 14° 12' East.

40.00 Set a post charred & chalked for $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

71.00 To Summit of mountain & descend.

80.00 Set a post charred, chalked & notched for corner to Sec. 19, 24, 25 & 30, & raised a mound with trench & pits per instructions.

Land mountainous 3rd rate.

Growth of scrub &c.

South along the East boundary of Sec. 25.

Var. 14° 12' East

17.00 Enter valley bears N.W.

30.00 Enter Western end of Lake Elizabeth bears N.W., water shallow & salt.

39.00 Leave Lake Elizabeth.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions from which A willow 10 inch diam. bears S. 28 E. 470 lks. distant.

62.00 To foot of abrupt and high mountain bears N. 85 W. here I find that is not practicable to run further owing to the nature of the mountains therefore I drove a charred & chalked stake for witness corner, from which

A white oak 3 inch diam. bears E. 4 lks. distant.

A black " 4 " " " W. 8 " dist.

Land in valley 1st. rate; the remainder 3rd rate.

Growth scrub on mountains cottonwood & willows in valley.

Subdivisions.

Field Notes of the Subdivisions of Township 7 North, Range 14 West of the San Bernardino Meridian, Cal. according to the survey made by Ralph W. Norris, Dep. Surveyor, under contract dated December 23rd, 1854.

From the corner to Sec. 1, 2, 35 & 36 on the South
Boundary of the Township I run
North between Sec. 35 & 36

Var. $14^{\circ} 12'$ East

- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per inst'ns.
- 80.00 Set a post charred, chalked & notched for the corner to Sec. 25, 26, 35 & 36, and raised a mound with trench & pits per instructions.
- Land good 2nd rate hilly & open.
-

East on a random line between Sec. 25 & 36.

Ground rolling.

Var. $14^{\circ} 12'$ East

- 39.00 To valley, course N. 71 W.
- 40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.
- 80.00 Intersected East boundary at post corner to Secs. 25, 36, 30 & 31 from which corner I run
-

West on a true line between Sec. 25 & 36

Var. $14^{\circ} 12'$ East

- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per inst'ns.
- 80.00 The corner to Sec. 25, 26, 35 & 36.
- Land 1st. rate & open hilly & valley.
-

North between Secs. 25 & 26

Var. $14^{\circ} 12'$ East

- 20.00 Enter valley.
- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &

Chains T. 7 N., R. 14 W. of San Bernardino Meridian.
 raised a mound with trench & pits per instructions.

80.00 Set a post charred, chalked & notched for the corner to
 Sec. 23 & 24, 25 & 26 & raised a mound with trench &
 pits per inst'ns.
 Land good 2nd rate & generally rolling.

East on a random line between Sec. 24 & 25
 Var. 14° 12' East.

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.36 Intersect the East Boundary of the Township 32 lks. South
 of the corner to Secs. 24 & 25, from which corner I run

West on a true line between Sec. 24 & 25
 Var. 14° 26' East.

39.68 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
 raised a mound with trench & pits per instns.

79.36 The corner to Sec. 23, 24, 25 & 26
 Land good 2nd rate & slightly rolling.

North between Secs. 23 & 24
 Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
 raised a mound with trench & pits per instns.

80.00 Set a post charred, chalked & notched for the corner to
 Secs. 13, 14, 23 & 24 & raised a mound with trench & pits
 per instructions.
 Land good 2nd rate & slightly rolling.

East on a random line between Sec. 13 & 24
 Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.33 Intersected the East boundary of the Township 25 lks. North
 of the corner to Sec. 13 & 24 from which corner I run

West on a true line between Sec. 13 & 24

Var. 14° 01' East

39.66 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.

79.33 The corner to Sec. 13, 14, 23 & 24.
Land good 2nd rate & slightly rolling.

North between Sec. 13 & 14

Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.

80.00 Set a post charred, chalked & notched for the corner to Sec. 11, 12, 13 & 14 & raised a mound with trench & pits per instructions.
Land good 2nd rate & generally level.

East on a random line between Sec. 12 & 13

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.74 Intersected the East boundary of the Township 16 lks. South of the corner to Sec. 12 & 13, from which I run

West on a true line between Sec. 12 & 13

Var. 14° 18' East

39.87 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

79.74 The corner to Sec. 11, 12, 13 & 14
Land good 2nd rate & level.

North between Sec. 11 & 12

Var. 14° 12' East

- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.
- 80.00 Set a post charred, chalked & notched for the corner to Sec. 1, 2, 11 & 12, & raised a mound with trench & pits per instructions.
- Land good 2nd rate & slightly rolling.

East on a random line between Sec. 1 & 12

Var. 14° 12' East

- 40.00 Set a post for the temporary $\frac{1}{4}$ sec. corner.
- 79.34 Intersected the East boundary of the Township 14 lks. North of the corner to Sec. 1 & 12, from which corner I run

West on a true line between Sec. 1 & 12

Var. 14° 06' East

- 39.67 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits as per instructions.
- 79.34 The corner to Sec. 1, 2, 11 & 12.
- Land good 2nd rate & generally level & open.

North on a random line between Sec. 1 & 2

Var. 14° 12' East

- 40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.
- 79.32 Intersect the North Boundary 45 lks. East of the corner to Sec. 1 & 2, from which corner, I run

South on a true line between Sec. 1 & 2

Var. 14° 31' East.

- 39.22 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner.

& raised a mound with trench & pits per instructions.

79.22 The corner to Sec. 1, 2, 11 & 12.

Land 2nd rate & level open.

North Between Sec. 34 & 35

Var. 14° 12' East

1.00 To foot of hills, course N. 70° E. & ascend.

26.00 To summit of hill & descend.

33.50 To scattering cedars.

40.00 Made 1/4 sec. corner of live oak 4 inch. diam.

80.00 Set a post charred, chalked & notched for corner to Sec. 26, 27, 34 & 35, & raised a mound with trench & pits as per instructions.

Land broken & 2nd rate.

East on a random line between Sec. 26 & 35

Var. 14° 12' East

Descending East slope of hill.

32.00 Leave Cedars.

40.00 Set a post for temporary 1/4 sec. corner.

80.50 Intersected N. & S. line 6 lks. South of the corner to Sec. 25, 26, 35 & 36 from which corner, I run

West on a true line between Sec. 26 & 35

Var. 14° 15' East

40.25 Set a post charred & chalked for the 1/4 sec. corner & raised a mound with trench & pits per instns.

80.50 The corner to Sec. 26, 27, 34 & 25.

Land generally broken & 2nd rate.

North between Sec. 26 & 27

Var. 14° 12' East

Descending.

31.00 Leave cedars for grassy hills.

40.00 Set a post charred, & chalked for 1/4 sec. corner & raised

Chains.

raised a mound with trench & pits per instructions.

70.00 Enter valley, course N.W.

80.00 Set a post charred, chalked & notched for the corner to
Sec. 22, 23, 26 & 27, & raised a mound with trench and
pits as per instructions.

Land 2nd rate & generally broken.

East on a random line between Sec. 23 & 26

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

80.00 Intersected N. & S. line 30 lks. South of the corner to
Sec. 23, 24, 25 & 26, from which corner I run

West on a true line between Sec. 23 & 26

Var. 14° 25' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instructions.

80.00 The corner to Sec. 22, 23, 26 & 27
Land rolling & 2nd rate with some fine grass.

North between Sec. 22 & 23

Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instns.

80.00 Set a post charred, chalked & notched for the corner to
Sec. 14, 15, 22 & 23 & raised a mound with trench &
pits per instructions.
Land gently rolling & 2nd rate.

East on a random line between Sec. 14 & 23

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.84 Intersect N. & S. line 21 lks. North of the corner to
Sec. 13, 14, 23 & 24, from which corner, I run

West on a true line between Sec. 14 & 23

Var. 14° 23' East

- 39.92 Set a post charred, & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instns.
- 79.84 The corner to Sec. 14, 15, 22 & 23
Land gently rolling, 2nd rate with fine grass.
-

North between Sec. 14 & 15

Var. 14° 12' East

- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.
- 80.00 Set a post charred, chalked & notched for the corner to Sec. 10, 11, 14 & 15, & raised a mound with trench & pits per instructions.
Land generally 2nd rate with fine grass.
-

East on a random line between Sec. 11 & 14

Var. 14° 12' East

- 40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.
- 80.00 Intersected N. & S. line 30 lks. North of the corner to Sec. 11, 12, 13 & 14, from which corner I run
-

West on a true line between Sec. 11 & 14

Var. 13°59' East

- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instns.
- 80.00 The corner to Sec. 10, 11, 14 & 15.
Land 2nd rate rolling.
-

North Between Sec. 10 & 11

Var. 14° 12' East

- 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.
- 80.00 Set a post charred, chalked & notched for the corner to Sec. 2, 3, 10, 11 & raised a mound with trench & pits per instructions.
Land 2nd rate & slightly rolling.

Chains.

East on a random line between Secs. 2 & 11

Var. 14° 12' East.

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.95 Intersect N. & S. line 5⁴ lks. N. of the corner to
Sec. 1, 2, 11 & 12 from which corner I run

West on a true line between Sec. 2 & 11

Var. 13° 49' East

39.97 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
raised a mound with trench & pits per instructions.

79.95 The corner to Sec. 2, 3, 10 & 11
Land 2nd rate & gently rolling.

North on a random line between Sec. 2 & 3

Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
raised a mound with trench & pits per instns.

79.00 Intersected the North boundary of the Township 63 lks.
East of the corner to Sec. 2 & 3, from which corner
I run

South on a true line between Sec. 2 & 3

Var. 14° 39' East

39.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner
& raised a mound with trench & pits per instructions.

79.00 The corner to Sec. 2, 3, 10 & 11
Land 2nd rate & slightly rolling.

North between Sec. 33 & 34

Var. 14° 12' East

8.50 Enter scrubby hills, course E. & W.

25.00 Leave hills & enter valley, course E. & W.

29.00 Cross road to the Fort course N. 28° W.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instructions.

42.00 Leave valley & run over hills.

80.00 Set a post charred & chalked for the corner to Sec.
27, 28, 33 & 34 & notched raised mound with trench &
pits as per instructions in low ground.
Land 1st rate & hilly.

East on a random line between Sec. 27 & 34

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

80.60 Intersected N. & S. line 56 lks. North of the corner
to Sec. 26, 27, 34 & 35 from which corner I run

West on a true line between Sec. 27 & 34

Var. 13° 48' East

40.30 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instns.

80.60 The corner to Sec. 27, 28, 33 & 34.

Land 2nd rate & hilly.

North Betwn. Sec. 27 & 28

Var. 14° 12' East

Over hills.

20.00 To Ravine course N. 20 East 100 feet deep

26.00 Cross Ravine.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instructions.

47.00 To Ravine 140 feet deep, course N. 45° E.

61.00 Leave Ravine.

80.00 Set a post charred, chalked & notched for the corner to
Sec. 21, 22, 27 & 28 & raised a mound with trench & pits
per instns.

Land hilly 2nd rate, hilly & scrubby.

East on a random line between Sec. 22 & 27

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

Chains T. 7 N. R. 14 W. of the San Bernardino Meridian

79.96 Intersected N. & S. line 30 lks. N. of the corner to
Sec. 22, 23, 26 & 27 from which corner I run

West on a true line between Sec. 22 & 27
Var. 14° 00' East

39.98 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instructions.

79.96 The corner to Sec. 21, 22, 27 & 28
Land 2nd rate & surface low hills.

North between Secs. 21 & 22
Var. 14° 12' East

20.00 Enter valley.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits, per instructions.

80.00 Set a post charred, chalked & notched for the corner
to Sec. 15, 16, 21 & 22 & raised a mound with trench &
pits per instructions.
Land 2nd rate & slightly rolling.

East on a random line between Sec. 15 & 22
Var. 14° 12' East

40.00 Set a post for the temporary $\frac{1}{4}$ sec. corner.

79.75 Intersected N. & S. line 60 lks. South of the corner
to Sec. 14, 15, 22 & 23, from which corner I run

West on a true line between Sec. 15 & 22
Var. 14° 38' East

39.87 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
raised mound with trench & pits per instns.

79.75 The corner to Sec. 15, 16, 21 & 22
Land 2nd rate & gently rolling.

North between Sec. 15 & 16
Var. 14° 12' East

40.00 Set a post for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

80.00 Set a post charred, chalked & notched for the corner to Sec. 9, 10, 15 & 16, & raised a mound with trench & pits per instructions.

Land 2nd rate & slightly rolling.

East on a random line between Sec. 10 & 15

Var. $14^{\circ} 12'$ East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.97 Intersected the N. & S. line 50 lks. South of the corner to Sec. 10, 11, 14 & 15 from which corner I run

West on a true line between Sec. 10 & 15

Var. $14^{\circ} 35'$ East

39.98 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

79.97 The corner to Sec. 9, 10, 15 & 16.

Land 2nd rate & rolling.

North Between Sec. 9 & 10

Var. $14^{\circ} 12'$ East

22.50 To Tehuhipe Road, course N.E.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. cor. and raised a mound with trench & pits as per instructions.

80.00 Set a post charred, chalked & notched for the corner to Sec. 3, 4, 9 & 10, & raised a mound with trench & pits per instructions.

Land 2nd rate & gently rolling.

East on a random line between Sec. 3 & 10

Var. $14^{\circ} 12'$ East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

48.50 To Tehuhipe Road, course N.E.

79.80 Intersect N. & S. line 80 lks. S. of the corner to Sec. 2, 3, 10 & 11, from which corner I run

West on a true line between Sec. 3 & 10

Var. $14^{\circ} 46'$ East

39.90 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instrns.

79.80 The corner to Sec. 3, 4, 9 & 10
Land 2nd rate & generally level.

North on a random line between Sec. 3 & 4

Var. $14^{\circ} 12'$ East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner

78.80 Intersect the North Boundary of the Township 22 lks.
East of the corner to Sec. 3 & 4 from which corner I run

South on a true line between Sec. 3 & 4

Var. $14^{\circ} 21'$ East

38.80 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instructions.

78.80 The corner to Sec. 3, 4, 9 & 10
Land 2nd rate level.

North Between Sec. 32 & 33

Var. $14^{\circ} 12'$ East

15.00 To Tejon & Los Angeles Road bearing N. 10° E.

32.00 James Thompson's house bears East 2 chains distant

35.50 To Tejon Road again bearing N. 15° W.

40.00 Set a pestcharred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instrns.

48.00 To Tejon road bearing N. 10° E.

75.00 To " " " N. 15° W.

80.00 Set pest charred, chalked & notched for the corner to Sec. 28, 29, 32 & 33 & raised a mound with trench & pits as instructed.
Land rolling & 1st rate.

East on a random line between Sec. 28 & 33

Var. $14^{\circ} 12'$ East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.89 Intersect the N. & S. line 20 lks. South of the corner to Sec. 27, 28, 33 & 34, from which corner, I run

West on a true line between Sec. 28 & 33

Var. $14^{\circ} 21'$ East.

39.94 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.

79.89 The cor. to Sec. 28, 29, 32 & 33.

Land rolling & 1st rate.

North between Sec. 28 & 29

Var. $14^{\circ} 12'$ East

20.00 To foot of Mountain, course N.W. and ascend.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instns.

53.50 To summit of mountain & descend.

58.00 To scrub.

80.00 Set a post charred, chalked & notched for the corner to Sec. 20, 21, 28 & 29, & raised a mound with trench & pits per instructions.

1st. $\frac{1}{2}$ mile rolling, broken & 2nd rate.

East on a random line between Sec. 21 & 28

Var. $14^{\circ} 12'$ East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.80 Intersect N. & S. line 15 lks. South of the corner to Sec. 21, 22, 27 & 28, from which cor. I run

West on a true line between Sec. 21 & 28

Var. $14^{\circ} 18'$ East

39.90 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instructions.

79.80 The corner to Sec. 20, 21, 28 & 29

Land generally broken & 2nd rate

Chains. T. 7 N., R.14 W., of San Bernardino Meridian.

North between Sec. 20 & 21

Var. 14° 12' East

20.00 Leave scrub for open rolling ground.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.

80.00 Set a post charred, chalked & notched for the corner to Sec. 16, 17, 20 & 21 & raised a mound with trench & pits per instructions.

Land 2nd rate & hilly.

East on a random line between Sec. 16 & 21

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.72 Intersected N. & S. line 20 lks. North of the corner to Sec. 15, 16, 21 & 22 from which corner I run

West on a true line between Sec. 16 & 21

Var. 14° 03' East

39.86 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instructions.

79.72 The corner to Sec. 16, 17, 20 & 21

Land 2nd rate & rolling

North between Sec. 16 & 17

Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.

53.00 To Road to Tehiohipe bearing N.E.

80.00 Set a post charred, chalked & notched for the corner to Sec. 8, 9, 16 & 17 and raised a mound with trench and pits per instructions.

Land rolling & 2nd rate.

East on a random line between Sec. 9 & 16

Var. 14° 12' East.

21.00 Cross Tehichipe Road course N.E.
 40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.
 79.94 Intersect N. & S. line 50 lks. North of the corner to
 Sec. 9, 10, 15 & 16, from which corner, I run

West on a true line between Sec. 9 & 16

Var. 13° 51' East

39.97 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
 raised a mound with trench & pits per instructions.
 79.94 The corner to Sec. 8, 9, 16 & 17.
 Land 2nd rate & rolling

North between Sec. 8 & 9

Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and
 raised a mound with trench & pits per insts.
 80.00 Set a post charred, chalked & notched for the corner to
 Sec. 4, 5, 8 & 9, & raised a mound with trench & as per
 instructions.
 Land 2nd rate & rolling

East on a random line between Sec. 4 & 9

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.
 80.50 Intersect N. & S. line 23 lks. North of the corner to
 Sec. 3, 4, 9 & 10, from which corner, I run

West on a true line between Sec. 4 & 9

Var. 14° 12' East

40.25 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
 raised a mound with trench & pits as per instructions.
 80.50 The corner to Sec. 4, 5, 8 & 9
 Land 1st rate rolling

North on a random line between Sec. 4 & 5

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.
 78.66 Intersected the North Boundary of the Township 16 lks.
 East of the corner to Sec. 4 & 5 from which I run

South on a true line between Sec. 4 & 5

Var. $14^{\circ} 19'$ East

38.66 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
 raised a mound with trench & pits as per instructions.
 78.66 The corner to Sec. 4, 5, 8 & 9
 Land rolling & 2nd rate.

As it is not practicable to run North from the corner
 to Sec. 31 & 32 as the corner is not established on ac-
 count of Mountains I run

West on line between Sec. 29 & 32

Var. $14^{\circ} 12'$ East

5.00 To Tejon Road, course N. 50° W.
 33.00 Enter hills bearing N. 66° W.
 40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner
 & raised a mound with trench & pits as per instns.
 80.00 Set a post charred, chalked & notched for the corner to
 Sec. 29, 30, 31 & 32 & raised a mound with trench &
 pits as instructed.
 Land 1st rate rolling.

South on line between Sec. 31 & 32

Va. $14^{\circ} 12'$ East

20.50 Not being able to proceed further south on account of
 steep mountains & set a post charred & chalked in mound
 & take 2 bearings
 A live oak 8 inch diam. bears S. 43° W. 11 lks. dist.
 " " " 8 " " " S. 34° E. 20 lks. dist.
 Land 1st rate & hilly.

Chains. T. 7 N., R. 14 W. of the San Bernardino Meridian.

West between Sec. 30 & 31

Var. $14^{\circ} 12'$ East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits as per instructions about 30 chs. S. of Lake Elizabeth.

63.50 Set a post in mound at the edge of scrub in Ravine 30 feet deep course N. 56° E. from which

An oak 9 inch diam. bears S. $12^{\circ} 15'$ E. 50 lks. dist.

I can proceed no further west on account of rugged mountains.

Land 1st rate & hilly.

North between Sec. 29 & 30

Var. $14^{\circ} 12'$ East

12.00 Leave hills & enter valley.

25.00 To Lake Elizabeth (dry at present)

40.00 The $\frac{1}{4}$ sec. corner coming in lake bed I set a post and take 1 bearing

A cottonwood 2 ft. diam. bears N. 4° W. 250 lks. dist.

43.00 Leave Lake.

48.00 Leave Valley for hill & cross Road to Fort Tejon course N. 80° W.

80.00 As the corner to Sec. 19, 20, 29 & 30 comes in the Tejon Road I have constructed a witness mound which bears N. $58^{\circ} 15'$ W. 50 lks.

Land 1st rate partly hilly or slightly rolling.

East on random line between Sec. 20 & 29

Var. $14^{\circ} 12'$ West

3.50 Set a post at foot of mountain and made a mound as instructed.

It being impossible to proceed further on account of the steepness of the mountain and the thickness of the scrub.

West between Sec. 19 & 30

Var. $14^{\circ} 12'$ East

4.25 Set a post & raised a mound at foot of mountain over

which it is impossible to survey.

North between Sec. 19 & 20

Var. $14^{\circ} 12'$ East

40.00 Set a post charred & chalked for $\frac{1}{4}$ sec. corner & raised a mound with trench & pits as per instructions in scrubb

49.00 Leave scrub & enter open hills.

80.00 Set a post charred, chalked & notched for the corner to Sec. 17, 18, 19 & 20 & raised a mound with trench & pits per instns.

Land 2nd rate & very hilly.

East on a random line between Sec. 17 & 20

Var. $14^{\circ} 12'$ East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner

47.00 Leave hills & enter valley.

50.50 Cross road to Tejon Fort, course N. & S.

60.00 To low hills.

80.00 Intersect N. & S. line 50 lks. North of the corner to Sec. 16, 17, 20 & 21, from which corner I run

West on a true line between Sec. 17 & 20

Var. $13^{\circ} 51'$ East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instns.

80.00 The corner to Sec. 17, 18, 19 & 20.

Land 1st rate & hilly.

West between Sec. 18 & 19

Var. $14^{\circ} 12'$ East

30.00 Foot of mountain.

40.00 The $\frac{1}{4}$ sec. corner coming on steep side of mountains & not being able to proceed further west I set post and raised a mound as instructed 10 chs. East of the foot of mountain.

The mountain is impassable.

Chains. T. 7 N., R. 14 W. of the San Bernardino Meridian.

Land 2nd rate.

North between Sec. 17 & 18

Var. 14° 12' East

36.00 To foot of hill course N. 84° W.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner in a depression or ravine, course N. 51° East, mound etc.

42.50 Leave ravine.

54.50 To Ravine 150 lks. wide, course N. 60° W.

80.00 Set a post charred, chalked & notched for the corner to Sec. 7, 8, 17 & 18 & raised a mound with trench & pits as per instns.

Land 2nd rate, part hill & first $\frac{1}{4}$ mile valley.

East on a random line between Sec. 8 & 17

Var. 14° 12' East

35.50 To Road to Tejen Fort course N. 40° W.

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

80.00 Intersect N. & S. line at post corner to Sec. 8, 9, 16 & 17, from which cor., I run

West on a true line between Sec. 8 & 17

Var. 14° 12' East

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instructions.

80.00 The corner to Sec. 7, 8, 17 & 18

Land 2nd rate & hilly generally.

West on a random line between Sec. 7 & 18

Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

80.50 Intersect the West Boundary of the Township 50 lks. North of the corner to Sec. 7 & 18, from which I run

East on a true line between Sec. 7 & 18

Var. 14° 33' East

40.50 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

80.50 The corner to Sec. 7, 8, 17 & 18
Land 2nd rate & hilly.

North between Sec. 7 & 8

Var. $14^{\circ} 12'$ East

31.00 Cross road to Tejon Fort course N. 45° W.

40.00 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner & raised a mound with trench & pits per instructions.

78.00 Leave low hills & enter valley, course N. 55° East

80.00 Set a post charred, chalked & notched for the corner to Sec. 5, 6, 7 & 8, & raised a mound with trench & pits per instructions.

Land 2nd rate & generally hilly.

East on a random line between Sec. 5 & 8

Var. $14^{\circ} 12'$ East

3.00 To low hills.

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

78.00 Leave hills for valley, course S. 50° East.

80.16 Intersect N. & S. line 58 lks. North of the corner to Sec. 4, 5, 8 & 9, from which corner, I run

West on a true line between Sec. 5 & 8

Var. $13^{\circ} 47'$ East

40.08 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner and raised a mound with trench & pits per instructions.

80.16 The corner to Sec. 5, 6, 7 & 8
Land 2nd rate and surface low hills.

West on a random line between Secs. 6 & 7

Var. $14^{\circ} 12'$ East

18.00 Leave valley & enter low hills.

35.00 To summit of hills & descend.

Chains. T. 7 N., R. 14 W. of the San Bernardino Meridian.

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner.

79.70 Intersect the West boundary of the Township 18 lks. North
of the corner to Sec. 6 & 7 from which corner I run

East on a true line between Sec. 6 & 7
Var. 14° 20' East

39.70 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instructions.

79.70 The corner to Sec. 5, 6, 7 & 8
Land 2nd rate & generally hilly.

North on a random line between Secs. 5 & 6
Var. 14° 12' East

40.00 Set a post for temporary $\frac{1}{4}$ sec. corner

78.50 Intersected the North Boundary of the Township 40 lks.
West of the corner to Sec. 5 & 6 from which I run

South on a true line between Secs. 5 & 6
Var. 13° 55' East

38.50 Set a post charred & chalked for the $\frac{1}{4}$ sec. corner &
raised a mound with trench & pits per instns.

78.50 The corner to Sec. 5, 6, 7 & 8
Land 2nd rate & rolling

General Description.

The land in this Township is well adapted to grazing
but will all produce good wheat or small grain.

There are many springs in the hills & the mountains furn-
ish pine or oak timber.

Surveyed by Ralph W. Norris, Deputy Surveyor,
Contract dated December 23, 1854.

E. B. T. 7 N., R. 15 W., S. B. M.

From the corner to Tps. 6 and 7 North, Ranges 14
and 15 West. I run

north on a random line on east boundary

Variation $14^{\circ} 30'$ East

After diligent search, being unable to find old corners
I set temporary half mile and mile corners at each 40
and 80 chains and 1 mile 79.89 chains arrive at old
corner to Sections 19, 24, 25 and 30, where I find an
earth mound. To remark corner I set a post 4 ft. long,
4 ins. square, with marked stone 12 ins. in the ground marked
T. 7 N., S. 19 on northeast
R. 14 W., S. 30 on southeast,
R. 15 W., S. 25 on southwest and
S. 24 on northwest faces,
with 2 notches on south and 4 notches on north edges in old
mound, which I rebuild making it 2 ft. high, $4\frac{1}{2}$ ft. base.
I also dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$ ft.
distant. Thence I run

South on a true line between Sections 25 and 30

Variation $14^{\circ} 45'$ East

Descend slope at an angle of 30°

14.94 Enter valley, bears east and west

24.44 Cross road bears east and west

27.63 To north edge of Elizabeth Lake, bears east and west.

As the true point for $\frac{1}{4}$ section corner falls in the lake
impossible to mark at this point, which is 12.34 chains
north of true point. I set a post 3 ft. long, 3 ins.
square with marked stone 12 ins. in the ground for wit-
ness to $\frac{1}{4}$ section corner marked W C $\frac{1}{4}$ S on west face;
dug pits 18 x 18 x 12 ins. north and south of post $5\frac{1}{2}$ ft.
distant and raised an earth mound $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft.
base around post. At this point I leave a flag

and obtain distances across lake run a base east of 5.00
chains, leave a flag and proceed to a point on line on
south edge of lake, due south of flag W.C. from which

the flag on east end of base bears north $16^{\circ} 34'$ East, giving by calculation, a distance of 16.81 chains across lake and a total distance from corner to Sections 19, 24, 25 and 30 of

44.44 And set a post 3 ft. long 3 ins. sq., with marked stone for witness corner to $\frac{1}{4}$ section corner marked W O $\frac{1}{4}$ S on west face and raised a stone mound covered with earth around post at a point 4.47 chains south of true point for $\frac{1}{4}$ section corner.

61.94 Leave valley, bears east and west and ascend slope at an angle of 12°

79.94 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground for corner to Sections 25, 30, 31 and 26 marked

T 7 N. S. 30 on northeast

R.14 W.S. 31 on southeast

R.15 W.S. 36 on southwest and S. 25 on northwest faces, with 1 notch on south and 5 notches on north edges; and raised a stone mound, covered with earth around post. Land level and rolling.

Soil first rate.

Timber of cottonwood and willow along banks of lake and dense undergrowth of chaparral and chemisal.

South on a true line between Sections 31 and 36

Variation $14^{\circ} 40'$ East

Ascend.

3.94 Top of spur bears northeast and southwest and descend slope at an angle of 16°

29.64 Cross ravine 20 links wide, course northeast and continue descent of slope at an angle of 10°

39.97 Set a post 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ S. on west face and raised a stone mound covered with

earth around post.

54.07 Cross ravine 10 links wide, course northeast and ascend slope at an angle of 8°

79.94 The corner to Tps. 6 and 7 north, ranges 14 and 15 west Land mountainous.

Soil second rate.

Timber of oak, scattering.

Dense undergrowth of chamisal and chaparral.

From the corner to Sections 19, 24, 25 and 30 I run north on a random line between Sections 19 and 24.

Variation $14^{\circ} 45'$ East

39.97 To old $\frac{1}{4}$ section corner where I find a decayed post lying on the ground with earth mound and traces of pits, I destroy old post and to remark corner set a post 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground marked $\frac{1}{4}$ S. on west face and rebuilt mound, making it $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

I also dug pits 18 x 18 x 12 ins. north and south of post $5\frac{1}{2}$ ft. distant.

80.00 To old corner to Sections 13, 18, 19 and 24, which I find in poor condition, I destroy old corner and to remark same set a post, 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground marked

T. 7 N., S. 18 on northeast

R. 14 W. S. 19 on southeast,

R. 15 W. S. 24 on southwest and

S. 13 on northwest faces

With 3 notches on north and south edges; dug pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$ ft. distant and raised an earth mound 2 ft. high, $4\frac{1}{2}$ ft. base around post.

Land rolling.

Soil second rate.

Dense undergrowth of chamisal, manzanita and chaparral.

October 7, 1884/

North on a random line between Sections 13 and 18

Variation 14° 50' East

40.03 To old $\frac{1}{4}$ section corner where I find traces of an earth mound. To remark corner I set a post 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ S. on west face, in old mound which I rebuild, making it $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. I also dig pits 18 x 18 x 12 ins. north and south of post, $5\frac{1}{2}$ ft. distant.

79.96 To old corner to Sections 7, 12, 13 and 18 where I find remains of an earth mound.

To rebuild corner I set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground marked
T. 7 N. S. 7 on northeast
R. 14 W. S. 18 on southeast,
R. 15 W. S. 13 on southwest and
S. 12 on northwest faces, with 4 notches on south and 2 notches on north edges in old mound, which I rebuild making it 2 ft. high, $4\frac{1}{2}$ ft. base. I also dig pits 18 x 18 x 12 ins. in each section, $5\frac{1}{2}$ ft. distant.
Land rolling. Soil second rate.
Dense undergrowth of chamisal, manzanita and chaparral.

- - - - -

North on a random line between Sections 7 and 12

Variation 14° 50' East

40.00 To old $\frac{1}{4}$ section corner which is a decayed post in earth mound with pits. I destroy old post and to remark corner set a post 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground in old mound, which I rebuild making it $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. I also redig pits, making them 18 x 18 x 12 ins. north and south of post, $5\frac{1}{2}$ ft. distant.

80.04 To old corner to Sections 1, 6, 7 and 12, where I find traces of an earth mound. To remark corner I set a post, 4 ft. long, 4 ins. square, with marked stone, 12

ins. in the ground, marked
T. 7 N., S. 6 on northeast,
R. 14 W., S. 7 on southeast,
R. 15 W., S. 12 on southwest and
S. 1 on north west faces, with 1 notch on north and
5 notches on south edges, in old mound, which I rebuild
making it 2 ft. high, $4\frac{1}{2}$ ft. base. I also dig pits
18 x 18 x 12 ins. in each section $5\frac{1}{2}$ feet distant.
Land rolling. Soil second rate.
Dense undergrowth of chaparral.

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North on a random line, between Sections 1 and 6

Variation 15° 00' East

40.00 After diligent search failing to find $\frac{1}{4}$ section corner
I set temporary $\frac{1}{4}$ section corner.

80.00 To old corner to Tps. 7 and 8 north, ranges 14 and 15
west where I find traces of an earth mound and pits.
To remark corner I set a post $4\frac{1}{2}$ ft. long, 4 ins. square
with marked stone, 12 ins. in the ground marked

T. 8 N. S. 31 on northeast,

R. 14 W. S. 6 on southeast,

T. 7 N. S. 1 on southwest and

R. 15 W. S. 36 on northwest faces, with 6 notches on
each edge in old mound, which I rebuild making it $2\frac{1}{2}$
ft. high, 5 ft. base.

I also redig pits 24 x 18 x 12 ins. on each line north,
south, east and west of post, 6 ft. distant.

Thence I run south on a true line between Sections 1 and 6.

Variation 14° 51' East

Over rolling valley.

40.00 Set a post 3 ft. long, 3 ins. square, with marked stone
12 ins. in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ S

on west face; dug pits 18 x 18 x 12 ins. north and south of post, 5½ ft. distant and raised an earth mound, 1½ ft. high, 3½ ft. base around post.

80.00 The corner to Sections 1, 6, 7 and 12.

Land rolling. Soil second rate.

Dense undergrowth of chamical.

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Surveyed by W.H. Norway, Deputy Surveyor,

Contract dated August 25, 1884.

E. Boundary of T. 7 N., R. 15 W. S. B. M.

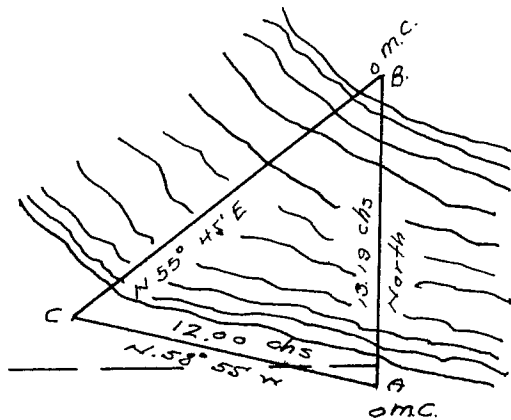
North, on a random line to retrace the east boundary of this township.

Variation 14° 20' East

20.65 Set a picket at south edge of Lake Elizabeth, to mark a transit station called "A" from which to triangulate the distance across the lake. At 21.86 chains falling 1½ links east of the point now in the lake, for quarter section corner, a set by Deputy Morris, according to witness tree described by him in the field notes furnished me, to wit: from the quarter section corner post "a willow tree 10 inches diameter, bears south 28° east, 4.70 chains distant". In 1890 the burnt stump of the tree was identified by Mr. Tapia, a former resident of the land.

All endeavors to find the old post by sounding or poling in the then extreme high water, were unavailing, and the line was permanently marked at the water line. At this time, (1898) the stump of the old witness has entirely disappeared, renewed search in the present low water, but am unable to find the old corner. The true bearing of the original line of the 22.00 chains is south 0° 03' east continue same random line north. From said triangulation point (Station A.) I send a flat across the lake to a

point on north shore, called "B"



From "A", I also run north 58° 55' West, 12.00 chains to a point called "C" for a base; from said point "C" the station "B" bears north 55° 45' east; hence the distance triangulated across the lake is 13.19 chains which added to distance at "A" (20.65 chains) (33.84) gives 33.84 chains distance run to "B" and north margin of the lake, (verified April 1, 1898)

62.00 Set temporary corner to Sections 19, 24, 25 and 30, repeated search for this corner does not discover it.

Continue same random line
North.

Variation 14° 45' East

100.89 Fall 7½ links east of the quarter section corner, between Sections 19 and 24, which is the upper part of a stake (a piece of barrel stave) marked & S. lying on the ground in an area of nearly level land, covered with dense brush, which has not been burned since Morris' survey. Through the point of stake cannot be found, (being totally absorbed by the soil or removed by insects), and no earth marks remain in the vicinity thereof, it is evident that in this situation it has not been floated by waters nor kicked about by feet of stock, nor lately sought or observed by persons, but in all probability having been rotted through, has fallen upon the ground and lies where first set.

At this point I set a stone 18 x 8 x 6 inches, 13 inches in the ground for quarter section corner, cut $\frac{1}{4}$ on west face; dug pits 18 x 18 x 12 inches, north and south, $5\frac{1}{2}$ feet distant, and raised a mound of earth, and stones, $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base at west side.

March 25, 1890.

The true bearing of township boundary through the south half of Sections 19 and 24, and the north half of Sections 25 and 30, is south $0^{\circ} 30'$ east.

June 6, 1898.

From said quarter section corner, between Sections 19 and 24, continuing the retracements of the east boundary of this township, I run

North on a random line.

Variation $14^{\circ} 45'$ east

Setting temporary sections, and quarter section corners at 40.00 chains and thereabouts searched diligently for old corners.

At 6 miles, 40 chains and 15 links, I fall 406 links east of the corner to Sections 13 and 24, in the east boundary township 8 north, range 15 west, which is a post substituted for the corner, with the remains of the old corner in the ground; the first corner I can identify on the boundary.

I return to the temporary township corner at $3\frac{1}{2}$ miles in this random line and move it west 218 links into the alignment of the corners connected and thence north 8 links to point of proportional distances between them, and set a granite (Syenite) stone 23 x 8 x 6 inches, tapering at its top end, 17 inches in the ground, to reestablish the corner of Townships 7 and 8 North, Ranges 14 and 15 West, San Bernardino Meridian, cut 6 notches on each edge, north, south, east and west; dug pits 24 x 18 x 12 inches, crosswise on each line,

E. B. T., R. 7 N. R. 15 W., S. B. M.

6 feet distant, from corner and raised a mound of earth, $2\frac{1}{2}$ feet high, 5 feet base, alongside.

A large post marked for the township corner, said to be Norway's survey and to which the lines of the town plat of Fairmont appear to conform, bears north $69^{\circ} 05'$ East 4.22 chains distant.

March 25, 1890.

Thence

I retrace the east boundary of this township South $0^{\circ} 26'$ east to retrace the true line between Sections 1 and 6

Variation $14^{\circ} 45'$ East

Over rolling prairie slightly rolling and ascending.

9.00 Road from Fairmont to Lancaster, bears E. SE.

40.01 Set a pine post, 3 feet long, 3 inches square, with charred point, 12 inches in the ground, for quarter section corner, marked $\frac{1}{4}$ S. on west face; dug pits $18 \times 18 \times 12$ inches, north and south of post $5\frac{1}{2}$ feet distant; and raised a mound of earth, $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base, around post.

80.02 Set a granite stone, $22 \times 9 \times 5$ inches, 16 inches in the ground, for corner to Sections 1, 12, 6 and 7, marked with 5 notches on south and 1 notch on north edges; dug pits $18 \times 18 \times 12$ inches in each section, $5\frac{1}{2}$ feet distant, and raised a mound of earth, 2 feet high, $4\frac{1}{2}$ feet base alongside.

Land, gently rolling prairie, bearing some bunch grass.

Soil, first rate; decomposed granite and dark loam.

No timber; no brush.

South $0^{\circ} 26'$ East to retrace the true line between Sections 12 and 7.

Variation $14^{\circ} 45'$ East

Over slightly rolling ground.

- 17.00 Road to Fort Tejon, bears southeast and northwest.
- 20.00 Bluff of valley of Hugh's canon.
Descend.
- 27.75 Picket fence of cedar poles, bears NW. and SE.
- 29.50 Foot of bluff, enter bottom -100
- 40.01 Set pine post, 3 feet long, 3 inches square, with charred point; 12 inches in the ground for quarter section corner, marked $\frac{1}{4}$ on west face; dug pits 18 x 18 x 12 inches north and south of post, $5\frac{1}{2}$ feet distant and raised a mound of earth, $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base around post.
- 46.00 Enter water channel, course NE. 50 links wide.
- 53.00 Foot of bluff, bears NE. and SW.
Leave bottom. Ascend.
- 64.00 Top of bluff. +120
- 80.02 Set granite stone 24 x 8 x 4 inches, 18 inches in ground for corner to Sections 12, 13, 7 and 18, marked with 4 notches on south and 2 notches on north edges; dug pits 18 x 18 x 12 inches, in each section, $5\frac{1}{2}$ feet distant, and raised a mound of earth, 2 feet high, $4\frac{1}{2}$ feet base, alongside.
- From this corner a post said to be the corner as per "Wicks' Survey", bears north $62^{\circ} 05'$ East, 2.97 chains distant, and a cedar post in a mound of stones, also set for this section corner, bears south 82° east, 3.93 chains distant. The house of a settler on southwest quarter section 12, bears north $55^{\circ} 40'$ west, 70.00 chains distant.
- "Mud Springs" bears north 43° east, about 35.00 chains distant.
- Land rolling and broken by Hughes' Canon; bears some bunch grass,
- Soil, first rate. No timber, nor brush.
- 40.00 chains mountainous line, (bluffs)

South $0^{\circ} 26'$ East, to retrace the true line between Sections 13 and 18.

Variation $14^{\circ} 45'$ East

Descending Mesa Pass Canon.

- 6.50 Bottom of bluff. Water course, 20 links wide, course - 75
northeast.
- 10.75 Begin ascent.
- 26.00 Steeper ascent.
- 38.00 In draw, course N. NW; small Cienega in hillside, below
in same draw.
- 40.01 Set porphyry stone, $18 \times 10 \times 7$ inches, 13 inches in the
ground, and mound of stones, for quarter section corner,
marked $\frac{1}{4}$ on west face; dug pits $18 \times 18 \times 12$ inches, north
and south of stone, $5\frac{1}{2}$ feet distant and raised a mound
of earth, $1\frac{1}{2}$ feet high, $3\frac{1}{2}$ feet base, alongside. +200

March 25, 1890.

- 54.75 Top spur, (ridge) bears east and west + 100
- 63.80 Saddle in ridge, bearing east and west, and west of a
round top hill.
- 64.25 Enter brush.
Descending.
- 67.00 Ravine, water course 5 links wide, course east - 40
Ascend along west side of ravine; course N. and S.
- 70.00 Ridge, in steep hillside, rising to W.
- 80.02 Set granite stone, $21 \times 6 \times 6$ inches, 16 inches in the
ground and mound of stones for corner to Sections 18,
19, 13 and 24; marked with 3 notches on north and 3
notches on south edges; from which
A black oak, 3 inches diameter, bears north $82^{\circ} 45'$ west,
23 links distant, marked S. 13 B.T.
A black oak, 4 inches diameter, bears south $50^{\circ} 25'$ east,
34 links distant, marked S. 19 B.T.
A white oak, 4 inches diameter, bears south $38^{\circ} 25'$ west,
35 links distant, marked S. 24 B.T.

A white oak 3 inches diameter, bears north $39^{\circ} 35'$ east

4 links distant, marked S. 18 B T

This corner is on the east slope of steep hillside.

Land, hilly and broken.

Soil, first rate; some grass.

No timber; some brush in last half mile; open prairie a short distance to right of last half mile on line.

April 1, 1890.

66.25 chains mountainous and brushy lines.

South $0^{\circ} 26'$ East, to retrace the true line between north half of Sections 19 and 24.

Variation $14^{\circ} 45'$ East

Descending along brushy slope facing east.

2.00 Cross arroyo, bottom of ravine, course east, northeast; just above branch from east, thence course north.

Ascend.

16.00 Top of ridge, east and west.

Descend. + 75

18.50 Arroyo bottom, ravine, course easterly - 30

40.01 The quarter section corner already described at place of beginning, the random courses of the preceding line. + 50

April 1, 1890.

Distances triangulated, now verified by measuring with chain as required.

April 19, 1898.

South $0^{\circ} 30'$ East to retrace the true line between south half Sections 19 and 24.

41.50 Arroyo, course easterly, over brushy surface, broken by arroyos and small ridges, general slope easterly.

58.50 Ravine, course E. and E. NE.

Ascend, heavy brush.

62.50 Brow of Mesa, top of mountain, bearing E. and W. + 100'

68.00 Road, bears E. and W.

Ascend.

71.30 Brow of mountain. + 25

Descend steep slope along a spur, bearing nearly south.

79.53 The middle point between existing quarter section corner of Sections 19 and 24, and of 25 and 30.

Set a granite stone 26 x 16 x 10 inches, seated in soft bedrock at east edge of spur ridge, descending south, bounded by stones covered with earth, to restore corner to Sections 19, 24, 25 and 30, cut 2 notches on south and 4 notches on north edges;

Pits impracticable. -100.

Land, broken surface, except narrow mesa at top of mountain.

Soil, on mesa and flat ridges, first rate, broken land, third and fourth rates.

No timber; heavy brush.

79.53 chains mountainous and brushy land.

August 6, 1898.

South 0° 30' East to retrace the true line between the north half Sections 25 and 30.

Variation 14° 40' East

Continue to descend along the steep brushy mountain spur.

8.25 Into arroyo bottom of ravine, 30 feet deep, course east just below bend from the north, soon terminating in deep canon or gorge on south side of mountain.

9.00 Top of end of ridge, of spur, bearing south of E.
Descent continues over steep, rolling slope.

16.50 Foot of mountain, leave heavy brush. -600

Continue descent on base of mountain.

25.00 Road from Hughes' Lake to Elizabeth Lake, bears E. and W.

25.75 Line of high water, north bank of Lake Elizabeth

27.35 Line of ordinary low water of the lake, bearing southeast and northwest.

August 6, 1898.

Set a cedar post 4 feet long, 4 inches square, 15 inches

in the ground, for marker corner, marked

T. Y. N. on north face;

2.30 A. 14 on east face;

2.4. 2. 25 on west face; dug pit 5 feet square,

12 inches deep, 3 links north of post and raised a mound

of earth, 12 feet high, around post.

The lake is about 700 feet below the top of the mountain

just descended.

Point for quarter section corner, on the lake, according

to the bearing of the original witness trees given in

survey by Deputy Morris, as already described on the

random line preceding.

Thence

South 0° 05' East, retracing the true line between south

half of Section 25 and 30.

South line of ordinary low-water of Elizabeth Lake, bears

S. 82. and N. 88.

Set a cedar post 4 feet long, 4 inches square, 18 inches

in the ground for marker corner, marked W. on north face

T. Y. N. on south face;

2.30 R. 14 on east face; and

2.36 R. 15 on west face; bounded post by stones

and dug pit 5 feet square, 12 inches deep, 3 links

south of post and raised a mound of earth, around post,

5 feet high, from which a cedar post, 5 feet long, 2

inches square, set in a mound of stones and earth at the

low water mark of the lake, and marked

N. C. on the east and

4 on the west,

N. C. on the south and

G. A. E. (private survey for the east and west

quarter line in Section 25) bears north 45° west, 175

links distant.

May 27, 1888.

NOTE: Lake Elizabeth is about 2 miles long, and averages 12 or 15 chains wide, and though not very deep, usually occupies its present area or more during the entire year. It appears to have been dry ground when Deputy Norris ran his line across, as it has been once or twice since. It is very probable it may become dry again this season though the seepage does not appear to be as rapid as formerly.

The portion of the lake in Range 14 west was not meandered by Norris. It is impracticable to drain the lower (south) end of the lake, and as the settlers desire it, I omit to report the meanders and change the marks for witness points.

43.41 High water mark, south bank of lake, 19 x 10 x 8 inches 12 inches in the ground, for a witness corner to the quarter section corner, out $\frac{1}{4}$ W.O. on west face and bounded corner with stones.

Pits impracticable.

April 9, 1890.

(This point is 10 or 12 feet higher than the W.P. posts)

Ascend over rolling prairie.

Enclosed fields of Frank Frakes.

56.75 Top of ridge, of hills, sloping NE.

Cross wire fence and leave enclosure. +200

61.30 The Witness post, terminal point of Deputy Norris' survey, given him as 62.00 chains south of section corner, and already described as now restored.

(Continue same course on true line between Section 25 & 30 to complete the section boundary.)

Enter heavy brush (oak) and

Ascend along a mountain spur, coming north.

73.25 Brow of hills. +100

77.50 Ridge E. and W.

79.30 Point 18.00 chains south of the W.P., completing the mile as instructed.

Set cedar post, $4\frac{1}{2}$ feet long, 4 inches square, 18 inches in the ground, for corner to Sections 25, 30, 31 and 36, marked

T. 7 N., S. 30 on N.E.;

R. 14 W., S. 31 on S.E.;

R. 15 W., S. 36 on S.W. and

S. 25 on N.W. faces; with 5 notches on north and 1 notch on south edges; dug pits $18 \times 18 \times 12$ inches, in each section $5\frac{1}{2}$ feet distant and raised a mound of earth, 2 feet high, and 4 feet base around post.

Land, mountainous and foot of hill slopes from each section corner to the banks of Lake Elizabeth.

Soil, north of lake, third rate; gravelly.

South of lake, loam, first rate.

Brushy mountain side, and low brush on foot hills north of lake; south of lake, prairie foot-hills and dense oak brush on mountains. No timber on line.

Some small oaks in valley and canons between spurs.

April 1, 1898.

Reset to amend course, June, 1898.

South $0^{\circ} 26'$ East on true line between Sections 31 and 36. (Being the course found in this range line as established by Deputy Morris, north of lake)

Variation $14^{\circ} 50'$ East

Through dense brush.

3.25 Top of ridge, bearing NE.

Descend.

8.35 Arroyo, and bottom of branch canon, course E. - 100'

Ascend.

11.00 Top of ridge, of spur, bearing E. +100

12.80 Bottom of ravine, course easterly. -60

14.50 Top of ridge, point of spur, bearing E. +50

19.80 Arroyo bottom of canon, bearing NE. to lake -100

Ascend in oak openings.

- 28.40 Top of west side of mountain covered with dense brush. +180
 34.00 Ridge NE. and SE.
 Descend.

April 2, 1898.

- 37.90 Arroyo and valley, bearing E. -50
 40.00 Set a granite stone, 28x8x5 inches, 20 inches in the ground for quarter section corner, marked $\frac{1}{4}$ on west face; dug pits 18 x 18 x 12 inches, north and south of stone, 5 $\frac{1}{2}$ feet distant, and raised a mound of earth, 1 $\frac{1}{2}$ feet high, 3 $\frac{1}{2}$ feet base, alongside.
 45.50 Top of mountain ridge, bears E. and W. +50
 Descend.
 52.60 Arroyo bottom, Roddie Canon, course W. -150
 66.00 Top of spur, bearing W. +12
 69.70 Valley, descending W.
 72.50 Ridge of hill, bears W.
 75.50 Arroyo and bottom of branch of Roddie Canon, course -40
 north west. Ascend timber openings.
 80.00 Brow of spur, bearing northwest, which is prolonged northwest as ridge and divide between Bear Trap Canon and Elizabeth Lake. +200
 Set a stone 20 x 10 x 5 inches, 15 inches in the ground for corner to townships 6 and 7 north, ranges 14 and 15 west, marked with 6 notches on each edge, north, south, east and west, and township 7 north, on northeast face; raised mound of stones, 2 feet high, 3 feet base, alongside.
 Land, mountainous.
 Soil, first and second rates.
 Timber, scattering oaks, occasionally pine.
 Dense brush. 80.00 chains mountainous and brushy lines.

June 2, 1898.

Surveyed by C.A. Ensign, Deputy Surveyor.

Subdivision of T. 7 N., R. 14 W., S.B.M.

From the $\frac{1}{4}$ section corner on line between Sections 30 and 31, which I re-establish this day, I run West on a random line between Sections 30 and 31.

- 43.70 Intersect the W. boundary of the Township 42 links N. $0^{\circ}3'$ W. from the corner of Sections 25, 30, 31 and 36, which is a post 3 inches square, 2 feet above ground, marked and witnessed as described by the surveyor general I set a granite stone 12 x 10 x 6 inches, 10 inches in the ground, alongside of the post; marked with 1 notch on S. and 5 notches on N. edges; as the falling produces a deviation greater than 21' of arc; from a due east and west line I set closing corner for Sections 30 and 31 as instructed. At the point of intersection set a granite stone 18 x 8 x 8 inches, 12 inches in the ground for closing corner of Sections 30 and 31, marked C C on E. face; with 1 groove on S. and 5 grooves on N. faces. Dig pits crosswise on each line 24 x 18 x 12 inches N. and S. 4 ft. and E. of stone 7 ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high E. of corner I remove the marks on the post relating to Sections 30 and 31. Thence I run East on a true line between Sections 30 and 31. Through heavy brush; descend rapidly.

- 8.30 Center of gulch, 100 links wide, course N. 75 ft. below closing corner; Ascend.
- 13.80 Spur, bears N. 175 ft. above gulch, descend.
- 22.00 Leave heavy brush; bears N. and S.
- 25.40 Bottom of sag 50 links wide, course N. 20° E. and ascend.
- 35.00 Spur bears N. 100 ft. above sag; descend.
- 43.55 Wire fence bears N. and S.
- 43.70 The $\frac{1}{4}$ section corner.

Land, mountainous. Soil third rate.
No timber.

x x x x

I begin at the corner of Sections 5, 6, 31 and 32 on the south boundary of the township, which I re-establish June 3.

Thence I run

North on a random line between Sections 31 and 32.

40.00 Set temporary $\frac{1}{4}$ section corner.

60.00 To a point 7 links W. of witness point 20.00 chains S. of the corner of Sections 29, 30, 31 and 32, which I re-establish this day.

Thence I run

S. $0^{\circ}4'$ W. on a true line between Sections 31 and 32.

Through heavy brush; Ascend rapidly.

9.50 Spur bears N.E. 150 ft. above witness point.

Descend rapidly to

15.50 Bottom of deep gulch, 15 links wide, course N.E.

100 ft. below spur. Ascend rapidly.

20.00 Point for $\frac{1}{4}$ section corner and 40.00 chains counting from corner of Sections 29, 30, 31 and 32, set a field spar stone 16 x 10 x 6 inches, 12 inches in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face; dig pits 18 x 18 x 12 inches N. and S. of stone 4 ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high, W. of corner. Corner on top of a spur, bearing NE. 200 ft. above gulch.

36.00 Begin descent of south slope of spur, bears N.E. and S.W.

45.00 Center of dry bed of wash, in gulch, 50 links wide, course N.E., 180 ft. below spur; ascend rapidly to

60.00 The corner of Sections 5, 6, 31 and 32.

Land mountainous. Soil third rate.

No timber.

Undergrowth 60.00 chains dense chaparral.

Mountainous land 60.00 chains.

Undergrowth 22.00 chains dense chaparral.

Mountainous land 43.70 chains.

June 4, 1901.

June 5, at the corner of Sections 19, 20, 29 and 30, set off $22^{\circ} 33'$ on the decl. arc; and at 11h 58m 8s a.m. l.m.t., observe the sun on the meridian; the resulting lat. is $34^{\circ} 41' 5$ about

From the above section corner which I re-established this day I run

West on a random line between Sections 19 and 30.

40.00 Set temporary $\frac{1}{4}$ section corner.

84.00 Intersect the W. boundary of the township N. $0^{\circ} 30'$ W. 157 links from the corner of Sections 19, 24, 25 and 30, established by deputy Ensign, which is a granite stone 16x16x10 inches above ground; marked with 2 notches on S. and 4 notches on W. edges; as the falling is in excess of the limit prescribed in the manual I make this a true line and set closing corner for Sections 19 and 30 as follows: Set a granite stone 16 x 8 x 8 inches, 12 inches in the ground for closing corner of Sections 19 and 30, marked C.C. on E. face; with 2 grooves on S. and 4 grooves on W. faces; dig pits 24 x 18 x 12 inches, crosswise on each line N. $0^{\circ} 30'$ W. 4 ft. and E. of stone, 6 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high E. of corner.

The closing corner of Sections 24 and 25 T. 7 N., R. 15 W., bears S. 30° E. 61 links distant, said closing corner is a granite stone 8 x 6 x 4 inches above ground, marked and witnessed as described by the surveyor general.

From the closing corner, I run

East on a true line between Sections 19 and 30.

Descend rapidly; through dense brush.

6.00 Cross deep gulch, 15 links wide, course S. 100 ft. below

Subdivisions of T. 7 N., R. 14 W. S.B.M.

- closing corner. Ascend.
- 12.50 Spur, bears S. 100 ft. above gulch, descend.
- 20.00 Gulch, 10 links wide, course S. Ascend rapidly.
- 33.50 Leave dense brush, bears N. and S.
Enter closing.
- 38.00 Top of ascent bears N. and S. Descend.
- 44.00 Set a granite stone 15x10x8 inches, 10 inches in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face; dig pits 18x18x12 inches, E. and W. of stone 5 ft. distant and raise a mound of earth, 4 ft. base 2 ft. high, N. of corner.
- 59.00 Leave clearing bears N. and S. Descend abruptly.
- 81.00 Enter canon course N. 20° E.
- 82.65 Road from Elizabeth Lake to Bakersfield, bears N. 30° E. and S. 30° W.
- 84.00 The corner of Sections 19, 20, 29 and 30.
Land mountainous. Soil second rate. No timber.
Undergrowth 33.50 chains, dense chaparral.
Mountainous land 84.00 chains.

June 5, 1900.

June 6, 8h a.m., 1 m.t., I set off 34°41'5" on the lat. arc; 22°38' on the decl. arc; and determine a true meridian with the solar at the corner of Sections 19, 20, 29 and 30.

Thence I run

East on a random line between Sections 20 and 29.

- 40.00 Set temporary $\frac{1}{4}$ section corner.
- 79.49 Intersect N. and S. line at the corner of Sections 20, 21, 28 and 29, I find remains of old mound and trace of pits, the post is missing, I re-establish the corner at the same point as follows:
Set a granite stone 20 x 14 x 10 inches, 15 inches in

the ground for corner of Sections 20, 21, 28 and 29,
marked with 2 notches on S. and 4 notches on E. edges;
and raise a mound of stone covered with earth, $3\frac{1}{2}$ ft.
base, $1\frac{1}{2}$ ft. high W. of corner.

Thence I run

West on a true line between Sections 20 and 29.

Ascend rapidly; through dense brush.

5.70 Spur bears N. 100 ft. above section corner.

Descend along N. slope of ridge.

22.92 Road in center of canon, bears N. 40° E. and S. 40° W.

Canon 200 links wide, course N. 40° E. 300 ft. below
spur; ascend.

28.97 Spur bears S. 40° E. 150 ft. above canon; descend.

31.32 Cross deep gulch, 8 links wide, course S. 40° E. 80 ft.
below spur.

Ascend rapidly to

39.74 $\frac{1}{2}$ Set a granite stone 16x10x7 inches, 12 inches in the
ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on N. face; from which
A manzanita 5 inches diameter bears S. $38^{\circ} 45'$ E. 16
links distant marked $\frac{1}{4}$ S B T

A white thorn 4 inches diameter bears N. $73^{\circ} 35'$ E. 33
links distant, marked $\frac{1}{4}$ S B T

47.60 Top of spur, bears N. 250 ft. above gulch, summit of spur.

55.50 Begin to descend west slope of spur.

59.17 Gulch, 20 links wide, course N. 200 ft. below spur.

Ascend.

61.70 Spur bears N. 100 ft. above gulch, and descend.

78.92 Enter canon, course N. 20° E. leave dense brush. bears
N. and S.

79.49 The corner of Sections 19, 20, 29 and 30.

Land mountainous. Soil, rocky third rate.

No timber.

Undergrowth 78.92 chains heavy chaparral.

Mountainous land 79.49 chains.

June 6, 1901.

From $\frac{1}{4}$ section corner between Sections 18 and 19, which I re-established this day, I run
West on a random line between Sections 18 and 19.

44.37 Intersect W. boundary of the township 19 links N. $0^{\circ} 26'$ W. from the corner of Sections 18 and 19, which is a granite stone 6x6x5 inches above mound of earth and stone, marked and witnessed as described by the surveyor general.

Thence I run

N. $89^{\circ} 45'$ E. on a true line between Sections 18 and 19.
Through dense brush; descend.

.70 Gulch, 10 links wide, course N.; ascend.

4.37 Top of ridge, bears N. and S. 100 ft. above gulch; descend rapidly.

16.40 Cross deep gulch, 20 links wide, course N.E. 400 ft. below ridge; ascend.

24.30 Top of spur, bears N.E. 100 ft. above gulch; descend.

27.87 Gulch, 15 links wide, course N. 20° E., 100 ft. below spur ascend.

30.90 Spur bears N. 60 ft. above gulch; descend.

38.40 Gulch, 12 links wide, course N. 100 ft. below spur; ascend.

44.37 The $\frac{1}{4}$ section corner.

Land mountainous. Soil second rate. No timber.

Undergrowth 44.37 chains dense manzanita and oak.

Mountainous land 44.37 chains.

June 7, 1901.

x x x x x x x x x

GENERAL DESCRIPTION.

That part of township 7 north, Range 14 west embraced by this survey is mountainous, with an elevation ranging from 2500 ft. to 3000 ft. above sea level. There is some level and rolling ground around Elizabeth Lake and some rolling mesa lands that are suitable for cultivation.

The soil of these lands may be classed as first and second rates and will usually produce crops without irrigation; this country generally produces a very scant growth of grasses.

This part of the township is fairly well watered by springs and wells. Elizabeth Lake has become dry, excepting a small area in the west end, on the township line, as it has been in years past.

There are two settlers in Section 30 and one each in Sections 31 and 32.

GEORGE W. PEARSON

U. S. Deputy Surveyor.

x x x x x

I make a careful search for the witness point set by Deputy Norris 20.50 chains. South of the corner of Sections 29, 30, 31 and 32, on the line between Sections 31 and 32 and find it has been obliterated.

In order to connect the survey to be made with established lines, I must re-establish this witness point.

I find the corner of Sections 29, 30, 31 and 32, which is a mound of earth, 1 ft. high, with traces of pits, plainly visible, no part of the post could be found; I re-establish this corner as follows:

Set a granite stone 16 x 12 x 8 inches, 12 inches in the ground for corner of Sections 29, 30, 31 and 32, marked with 1 notch on S. and 5 notches on E. edges; dig

Resurvey of Subdivisions of T. 7 N., R. 14 W., S. B. M.

pits 18x18x12 inches in each section, 6 ft. distant and
raise a mound of earth, 4 ft. base, 2 ft. high W. of corner

x x x x x

Thence I run

South between Sections 31 and 32

Ascend.

- 4.30 Top of low spur, bears W. and descend.
- 5.50 Cross earthquake fissure, 3 feet deep, 10 links wide,
course N. 62° W. and S. 62° E.
- 9.25 Old road, bears N.W. and S.E.
Bottom of depression, bears N.W. and S.E. Ascend.
- 19.50 Begin steep ascent and enter heavy brush, bears E. and W.
- 20.00 Set a post 3 ft. long, 3 inches square, with marked
stone 24 inches in the ground for witness point marked
W.P. on W. face; dig pits N. and S. of post, 3 ft. dist.
and raise a mound of earth, 3 ft. base, 1½ ft. high W.
of corner.
- Land mountainous.
- Soil third rate.
- No timber.
- Undergrowth 50 links of heavy oak brush.
- Mountainous land 20.00 chains.

Preliminary to running the line between Sections 30 and
31, I make a careful search for the ¼ section corner
and the witness point set at 63.50 chains west of the
corner of Sections 29, 30, 31 and 32 on said line and
find that said corners are missing; I must re-establish
the ¼ section corner; therefore I run from the corner
of Sections 29, 30, 31 and 32.

West between Sections 30 and 31.

Ascend gradually.

- 10.00 Top of ascent; bears N. and S. Descend.

Resurvey of the Subdivisions of T. 7 N., R. 14 W., S.B.M.

- 12.50 Cross earthquake fissure, 3 ft. deep 10 links wide, course N. 62° W. and S. 62° E. Ascend.
- 17.25 Road bears N. 62° W. and S. 62° E.
- 40.00 Reestablish $\frac{1}{4}$ section corner as follows:
Set a granite stone 16 x 12 x 12 inches, 12 inches in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face; dig pits 18 x 18 x 12 inches, E. and W. of stone, 4 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, 2 ft. high, N. of corner.
Land mountainous. Soil second rate. No timber.
Mountainous land 40.00 chains.
x x x x x x

June 4, 1901.

I make a diligent search for the corner of Sections 19, 20, 29 and 30, also for the $\frac{1}{4}$ section corner between Sections 29 and 30, and find no trace of these corners. In order to begin and connect survey that is to be made with this line, I must re-establish said corners.

x x x x x x x

Thence I run

North on a random line between Sections 29 and 30
Setting temp. $\frac{1}{4}$ section and section corner at intervals of 40.00 chains; after repeated search for old corners, I continue north on a random line between Sections 19 and 20; at 120.00 chains I find the $\frac{1}{4}$ section corner between Sections 19 and 20, which is a greatly decayed post, 1 ft. above ground marked $\frac{1}{4}$ S. I destroy all trace of old corner and reestablish it at the same point as follows:

Set a granite stone 20 x 20 x 6 inches, 15 inches in the ground, for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on W. face; dig pits 18 x 18 x 12 inches N. and S. of stone, 4 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high

Resurvey of Subdivisions of T. 7 N., R. 14 W., S. B. M.

W. of corner.

Thence I run

South on a true line between Sections 19 and 20.

Descend rapidly through dense brush.

2.00 Center of gulch, 50 links wide, course E. 60 ft. below
 $\frac{1}{4}$ section corner. Ascend rapidly.

6.00 Top of ascent bears E. and W.

Thence along E. slope of brushy mountain, crossing a
succession of small spurw and gulches falling to the east.

16.50 Begin sharp descent to canon bears E. and W.

23.50 Center of canon, course E. 150 links wide, 200 ft. below
ascent.

Ascent.

26.00 Spur bears N.E. 60 ft. above canon, descend.

35.00 Enter canon, course N. 30° E.

36.00 Road bears N. 30° E. and S. 30° W.

40.00 Set a granite stone 24 x 12 x 10 inches 15 inches in the
ground for corner of Sections 19, 20, 29 and 30, marked
with 2 notches on S. and 5 notches on E. edges; and
raised a mound of stone covered with earth, 4 ft. base,
2 ft. high W. of corner.

Land mountainous.

Soil rocky, third rate.

No timber. Undergrowth chaparral.

Mountainous land 40.00 chains.

South on a true line between Sections 29 and 30.

Ascend gradually.

1.50 Leave canon and ascend steep, brushy ridge, bears
N. 20° E. and S. 20° W.

12.00 Top of ridge bears E. and W. 200 ft. above Section
corner. Descend.

18.00 Leave dense brush E. and W.

Resurvey of Subdivisions of T. 7 N., R. 14 W., S.B.M.

- 31.40 Road, bears E. and W.
- 36.50 Enter dry bed of Elizabeth Lake, bears E. and W.
Over Lake bed.
- 40.00 Set a granite stone 18 x 12 x 10 inches, 12 inches in
the ground, for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face;
dig pits 18 x 18 x 12 inches N. and S. of stone, 5 ft.
distant and raise a mound of earth, 4 ft. base, 2 ft.
high W. of corner.
- 55.00 Leave dry bed of lake, bears E. and W. Ascend.
- 62.50 Old road, bears E. and W.
- 68.85 Wire fence, bears E. and W.
- 77.50 Top of ascent, bears E. and W. Descend.
- 80.00 The corner of Sections 29, 30, 31 and 32.
Land mountainous.
Soil second rate. No timber.
Undergrowth, dense chaparral 18.00 chains.
Mountainous land 80.00 chains.

June 5, 1901.

In order to locate an error in closing the lines
around Section 29, it is necessary to resurvey the
south and east boundaries of said section.

From the corner of Sections 28, 29, 32 and 33, which is
a granite stone 15 x 8 x 6 set whole length in the
ground, marked with 1 notch on S. and 4 notches on E.
edges (this corner is in the center of a road bearing
N. 85° W. and S. 85° E.) I run

West on a random line between Sections 29 and 32

- 40.00 Unable to find any trace of old $\frac{1}{4}$ section corner.
Set temporary $\frac{1}{4}$ section corner.

- 79.50 To a point 63 links N. of the corner of Sections 29,
30, 31 and 32.

Thence I run

N. 89° 33' E. on a true line between Sections 29 and 32.
Ascend.

- 10.00 Top of spur, bears N. 50 ft. above section corner;
descend.
- 12.00 Gulch, 15 links wide, course N. 60 ft. below spur; ascend.
- 20.00 Top of spur, bears N. 100 ft. above gulch, and descend
rapidly.
- 24.50 Gulch, 10 links wide, course N. 50 ft. below spur.
Ascend.
- 28.00 Top of steep spur, bears N. 70 ft. above gulch; descend
rapidly.
- 33.50 Begin to descend gradually.
- 39.75 Wire fence bears N. and S.
Set a post 3 inches square, 3 ft. long, with marked stone
24 inches in the ground, for $\frac{1}{4}$ section corner, marked
 $\frac{1}{4}$ on N. face; dig pits 24 x 24 x 12 inches, E. and W. of
post, 4 ft. distant and raise a mound of earth, 4 ft.
base, 2 ft. high N. of corner.
- 59.66 Wire fence bears N. and S.
- 71.00 Dry wash, 4 ft. deep, 10 links wide, course NE. Ascend.
- 78.34 Wire fence bears N. and S.
- 78.82 Road bears N. and S.
- 79.50 The corner of Sections 28, 29, 32 and 33.
Land mountainous. Soil second rate. No timber.
Mountainous land 79.50 chains.

June 6: at the corner of Sections 28, 29, 32 and 33, I
set off $22^{\circ} 39'$ on the decl. arc; and at 11h 58m 18s a.m.,
l.m.t., observe the sun on the meridian; the resulting
lat. is $34^{\circ} 41'$ about.

Thence I run

North on a random line between Sections 28 and 29

- 39.40 To old $\frac{1}{4}$ section corner where I find traces of old
mound and pits.

Re-establish the corner at the same point as follows:

Set a granite stone 14 x 10 x 6 inches, 10 inches in the ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face; dig pits 18 x 18 x 12 inches N. and S. of stone, 4 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of corner.

79.40 The corner of Sections 20, 21, 28 and 29, already described.

Thence I run

South on a true line between Sections 28 and 29.

Ascend along E. slope of ridge; through dense brush.

2.00 Top of ascent bears E. and W.; descend.

7.50 Cross gulch, 30 links wide, course N. 30° E. 150 ft. below section corner.

Ascend rapidly.

21.50 Leave dense brush, bears E. and W.

22.61 Wire fence bears N. 80° E. and S. 80° W.

26.00 Top of ridge bears E. and W. 500 ft. above gulch.

Descend rapidly.

40.00 The $\frac{1}{4}$ section corner already described.

51.50 Cross dry wash, 20 links wide, course S.W., 400 ft. below ridge. Ascend.

55.50 Top of small spur, bears SW. 60 ft. above wash. Descend.

61.50 Gulch, 10 links wide, course S. 70 ft. below spur, thence down gulch.

63.50 Leave gulch, course S. 20° W.

65.27 Enter same gulch, course S.

66.50 Leave gulch, course S.W.

79.10 Wire fence bears N. 85° W. and S. 85° E.

79.40 The corner of Sections 28, 29, 32 and 33.

Land mountainous. Soil second rate. No timber.

Undergrowth 21.50 chains dense chaparral.

Mountainous land 79.40 chains.

In order to locate an error in closure of the lines

around Section 32, it is necessary to re-survey the East boundary of said section.

From the corner of Sections 4, 5, 32 and 33 on the S. boundary of the township, I run

North on a random line between Sections 32 and 33.

40.00 A diligent search failed to discover any trace of $\frac{1}{4}$ section corner.

80.50 To a point 27 links E. of the corner of Sections 28, 29, 32 and 33.

Thence I run

S. $0^{\circ} 12'$ E. on a true line between Sections 32 and 33.

Descend gradually.

3.00 Road bears N. 20° W. and S. 20° W.

4.50 Cross gully, 4 ft. deep, 10 links wide, course N.W. Ascend.

19.00 Top of low spur, bears E. 30 ft. above gully.

24.50 Enter dry gulch, course N.E. thence up gulch.

27.00 Leave gulch, coming from S.W.

31.00 Wire fence bears N. 20° E. and S. 20° W. on W. boundary of road, thence along road.

40.25 Set a granite stone $16 \times 10 \times 8$, 12 inches in the ground, for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face; dig pits $24 \times 18 \times 12$ inches, N. and S. of stone, 4 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of corner.

40.40 Leave road, bears N. and S. 20° E.

48.50 Louis Christopher's house bears W. 80 links distant.

49.50 Shed bears W. 20 links distant.

54.00 Top of spur bears NW. and descend.

57.00 Gulch, 20 links wide, course N.W. Ascend.

60.00 Spur, bears E. 50 ft. above gulch, Descend.

62.00 Andrade's house bears E. about 2.00 chains distant.

64.00 Cross same gulch, 20 links wide, course N.E. Ascend.

64.37 Wire fence bears N.E. and S.W.

66.50 Road bears N.W. and S.W.

Resurvey of Subdivisions of T. 7 N., R. 14 W., S.B.M.

80.50 The corner of Sections 4, 5, 32 and 33.

Land mountainous. Soil second rate.

No timber.

Mountainous land 80.50 chains.

June 6, 1901.

Preliminary to running the line between Sections 18 and 19 I make a careful search for the $\frac{1}{4}$ section corner, described by the surveyor general and find that it has been obliterated therefore I begin at the corner of Sections 17, 18, 19 and 20, which is a granite stone 10 x 10 x 8 inches above ground, firmly set and marked with 3 notches on S. and 5 notches on E. edges; I raise a mound of stone covered with earth, $3\frac{1}{2}$ ft. base, 2 ft. high W. of corner.

x x x x x

Thence I run

West on a true line between Sections 18 and 19.

Ascend rapidly.

13.70 Top of spur, bears N. 100 ft. above section corner and descend.

18.40 Gulch, 100 links wide, course N. 75 ft. below spur. Ascend.

24.00 Top of spur bears N. 150 ft. above gulch, descend.

31.00 Enter dense brush, bears N. and S.

35.50 Gulch, 100 links wide, course N. 100 ft. below spur.

39.80 Top of ascent bears N. and S. Descend.

40.00 Set a granite stone 16 x 10 x 8 inches, 12 inches in the ground for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on N. face; from which

A manzanita 10 inches diameter bears N. 51° E. 16 links distant, marked $\frac{1}{4}$ S B T

A manzanita 8 inches diameter, bears S. $61^{\circ} 45'$ E. 10 links distant, marked $\frac{1}{4}$ S B T

Resurvey of Subdivisions of T. 7 N., R. 14 W. S.B.M.

Land mountainous.

Soil third rate. No timber.

Undergrowth 9.00 chains dense chaparral.

Mountainous land 40.00 chains.

In order to locate an error in closure of the line around Section 19, it is necessary to re-run the North $\frac{1}{2}$ of the line between Sections 19 and 20, from the corner of Sections 17, 18, 19 and 24, already described, I run

South on a random line between Sections 19 and 20.

38.25 The $\frac{1}{4}$ section corner described on page 6.

Thence I run

North on a true line between Sections 19 and 20.

Ascend rapidly, through dense brush.

4.50 Top of spur, bears N.E. 100 ft. above $\frac{1}{4}$ section corner
Descend rapidly.

10.25 Gulch, 12 links wide, course N.E. 70 ft. below spur;
ascend.

14.00 Spur bears N.E. 60 ft. above gulch; descend.

16.75 Gulch, 8 links wide, course N.E.

Leave brush bears E. and W.

32.00 Spur, bears N.E. and descend.

36.83 Gulch, 10 links wide, course N.E. 60 ft. below spur.
Ascend.

38.25 The corner of Sections 17, 18, 19 and 20, previously
described.

Land mountainous. Soil second rate.

No timber.

Undergrowth 16.75 chains dense chaparral.

Mountainous land 38.25 chains.

Resurvey of Subdivisions of T. 7 N., R. 14 W., S.B.M.

As the closing error of the lines around Section 20 is in excess of the limit of error prescribed in the manual it is necessary, in order to locate the error that the East and North boundaries of said section shall be re-run. From the corner of Sections 17, 18, 19 and 20, I run East on a random line between Sections 17 and 20.

- 39.11 To a point 27 links S. of the $\frac{1}{4}$ section corner which is a greatly decayed post marks nearly obliterated in a mound of stone 5 ft. base, $4\frac{1}{2}$ ft. high. I destroy the remains of old post and re-establish the corner at the same point as follows:

The point for $\frac{1}{4}$ section corner falls on a granite boulder in place 3 x 3 x 3 ft. above ground on which I cut a cross (x) at the exact corner point for $\frac{1}{4}$ section corner marked $\frac{1}{4}$ on N. face; and raise a mound of stone, $4\frac{1}{2}$ ft. base, 2 ft. high, N. of corner.

Pits impracticable.

The true bearing of this part of line between Sections 17 and 20 is S. $89^{\circ} 36'$ W.

From the $\frac{1}{4}$ section corner I continue east on a random line between Sections 17 and 20.

- 79.11 To a point 84 links S. of the corner of Sections 16, 17, 20 and 21, which is an earth mound, 1 ft. high with traces of pits, no trace of post could be found I re-establish the corner at the same point as follows: Set a granite stone 16 x 8 x 6 inches, 12 inches in the ground, for corner of Sections 16, 17, 20 and 21, marked with 3 notches on S. and 4 notches on E. edges, dig pits 18 x 18 x 12 inches in each section 4 ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high W. of corner.

Thence I run

S. $88^{\circ} 48'$ W. on a true line between Sections 17 and 20. Ascend.

- .10 Small gully, 5 links wide, 2 ft. deep, course N.E.

Resurvey of Subdivisions of T. 7 N., R. 14 W., S. B. M.

- 5.00 Top of ascent bears N. and S. Descend.
- 9.00 Gulch, 10 links wide, course N.E. 30 ft. below ascent.
Ascend.
- 13.50 Road bears N. and S.
- 19.00 Top of ascent, bears N. and S. Descend.
- 21.40 Gulch, 15 links wide, course N. 40 ft. below ascent.
Enter canon, course N.
Over nearly level ground.
- 32.25 Road from Tejon to Bakersfield, bears N. and S.
- 34.00 Begin to ascend rapidly and leave canon.
- 39.60 Top of large pile of granite boulders on the summit of
a spur bearing N. 100 ft. above beginning of ascent.
Descend.
- 40.01 The $\frac{1}{4}$ section corner already described at the west
edge of high, broken granite ledge bearing N. and S.
Thence I run
S. $89^{\circ} 36'$ W. on a true line between Sections 17 and 20.
Descend rapidly.
- 2.00 Foot of descent bears N. and S. 75 ft. below spur.
Ascend.
- 4.00 Top of spur, bears N. 50 ft. above descent; descend.
- 7.00 Gulch, 16 links wide, course N. 75 ft. below spur
and ascend.
- 14.00 Top of spur bears N.E. 200 ft. above gulch. Descend.
- 16.75 Gulch, 6 links wide, course N.E. 80 ft. below spur.
Ascend.
- 19.50 Spur bears N. 100 ft. above gulch, and descend.
- 21.50 Gulch, 40 links wide, course N.E. 80 ft. below spur.
Ascend.
- 26.00 Spur bears N.E. 100 ft. above gulch. Descend.
- 29.50 Gulch, 16 links wide, course N. 20° E. 80 ft. below spur.
Ascend.
- 30.00 Road bears N.E. and W. thence along road.
- 32.50 Leave road, bears E. and N.W.

39.11 The corner of Sections 17, 18, 19 and 20.

Land mountainous.

Soil second rate. No timber.

Mountainous land 79.12 chains.

x x x x x x x

From the corner of Sections 16, 17, 20 and 21, I run
South on a random line between Sections 20 and 21

40.00 To a point 10 links E. of the $\frac{1}{4}$ section corner I find
trace of old mound and pits and re-establish the corner
at the same point as follows:

Set a granite stone 15x10x8 inches, 10 inches in the
ground for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ on W. face; dig
pits 18x18x12 inches N. and S. of stone, 4 ft. distant
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
W. of corner.

The true bearing of this $\frac{1}{2}$ mile is N. $0^{\circ} 9'$ E.

From $\frac{1}{4}$ section corner, I continue

South on a random line between Sections 21 and 20.

79.70 To a point 53 links W. of the corner of Sections 20,
21, 28 and 29.

Thence I run

N. $0^{\circ} 46'$ W. on a true line between Sections 20 and 21.

Descend rapidly; through dense brush.

7.40 Foot of hill and enter canon, course W. 200 ft. below
section corner.

Thence across canon.

11.00 Leave canon and ascend hill.

14.00 Top of hill, bears E. and W. 50 ft. above canon.
Descend.

18.00 Base of hill and leave brush bears E. and W.

21.40 Enter dry wash, 20 links wide, course N.E.

27.50 Leave wash, and ascend.

30.00 Top of low ridge, bears E. and W.

Descend rapidly.

39.70 The $\frac{1}{4}$ section corner already described.

Thence I run

N. $0^{\circ} 9'$ E. on a true line between Sections 20 and 21.

Descend.

2.00 Center of sag, 50 links wide, course N. 70° E. Ascend.

5.00 Spur, bears N.E. 75 ft. above sag. Descend.

13.50 Dry wash, 20 links wide, course N.E. Ascend.

18.00 Road bears N.E. and S.W.

24.25 Top of ascent bears E. and W. 60 ft. above wash.

Descend.

27.50 Enter dry wash, course N.E. 75 ft. below ascent.

33.50 Leave dry wash and ascend.

40.00 The corner of Sections 16, 17, 20 and 21.

Land mountainous. Soil second rate.

No timber.

Undergrowth 18.00 chains dense chaparral.

Mountainous land 64.00 chains.

June 7, 1901.

In order to locate the error in closure of the lines around Section 18, it is necessary to re-run the north and east boundary lines of said section.

June 8: At 8h 5m. a.m., 1 m.t., Q set off $34^{\circ}43.5'$ on the lat. arc; and $22^{\circ}50'$ on the decl. arc; and determine a true meridian with the solar at the corner of Sections 17, 18, 19 and 20.

Thence I run

North on a random line between Sections 17 and 18.

39.65 To a point 8 links W. of the $\frac{1}{4}$ section corner which is a post 3 x 3 inches, square, 1 ft. above ground marked $\frac{1}{4}$ on N. face; set a granite stone 14 x 10 x 7 inches 10 inches in the ground alongside of the post (west side) marked $\frac{1}{4}$ on W. face; and raise a mound of stone covered

Resurvey of Subdivisions of T. 7 N., R. 14 W., S.B.M.
with earth, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of corner.
The true bearing of line to this $\frac{1}{4}$ section corner is
N. $0^{\circ} 7'$ E.

From $\frac{1}{4}$ section corner I continue

North on a random line between Sections 17 and 18.

79.53 Counting from section corner to a point 5 links W. of
corner of Sections 7, 8, 17 and 18, which is a blue
sandstone 8 x 8 x 6 inches above ground and firmly
set; no marks discernable, I mark this stone with 4
notches on S. and 5 notches on E. edges; and raise
a mound of stone covered with earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$
ft. high, W. of corner.

Thence I run

S. $0^{\circ} 4'$ W. on a true line between Sections 17 and 18.
Ascend rapidly.

3988
965
3.75 Top of rolling mesa, bears N.E. and S.W. 60 ft. above
section corner.

Ascend more gradual.

4.85 Top of ascent, bears E. and W. Descend.

18.08 Wire fence bears E. and W.

26.90 Gross dry wash, in gulch, 50 links wide, course E. 80
ft. below mesa. Ascend rapidly.

29.80 Top of spur, bears N. 80° E. 80 ft. above gulch.
Descend rapidly to

35.80 Dry bed of Placer Creek, 15 links wide, course N.E.
70 ft. below spur. Ascend rapidly to

39.88 The $\frac{1}{4}$ section corner already described.

Thence I run

S. $0^{\circ} 7'$ W. on a true line between Sections 17 and 18

58.68 Top of low ridge, bears E. and W. 150 ft. above $\frac{1}{4}$
section corner. Descend.

61.58 Center of deep gulch, 20 links wide, course W. 20 ft.
below ridge.

Ascend abruptly.

75.33 Spur, bears N. 70° E. 80 ft. above gulch, descend
gradually to