

DEPARTMENT OF THE INTERIOR,

Office of U. S. Surveyor-General,

San Francisco, California

December 14, 1922

I, John Plover, U. S. Surveyor-General for California, do hereby certify that the annexed transcript of the field notes of the Subdivision Lines of the North Half of Township 6 North, Range 14 West, 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.

(seal)

R. 14 W.

John Plover
United States Surveyor-General
for California.

T. 6 N.

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T. 6 N.

R. 14 W.

— R. W. Norris 1854
— Jno. Goldworthy 1887
— Geo. W. Pearson 1901

T. 6 N., R. 14 W., S. B. M.

Subdivisions.

Field Notes of the Subdivision of Township 6 North, Range 14 West of the San Bernardino Meridian, California, according to survey made by Ralph W. Norris, Deputy Surveyor under contract dated 23rd December, 1854.

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The South Boundary of this Township not being established or any portion of the same for reasons previously given I therefore commence the subdivisions of this Township at the corner of Sec. 1, 2, 35 and 36 on the North Boundary and run

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South Between Secs. 1 and 2

Var. 14°12' E.

Ascending N. mountain slope.

9.00 To summit of mountain bears N. 65° W. Descend.
15.00 Enter cedars scrub bears E. and W.
34.00 Leave cedar scrub bears N.W.
38.00 To valley bears N. 70 W.
40.00 Set a post charred and chalked for 1/4 sec. corner and raised a mound, with trench and pits as per instructions.
51.00 To the road leading from Lake Elizabeth to Cajon Pass bears N. 80 W.
80.00 Set a post charred, chalked and notched for corner to Sec. 1, 2, 11 and 12 and raised a mound with trench and pits as per instructions.

Land in valley rolling 1st rate

On mountain 3rd rate and broken

Growth cedar and oak timber.

Some grass on mountain, in valley heavy grass.

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East on a random line between Sec. 1 and 12.

Var. 14°12' E.

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

T. 6 N., R. 14 W., S.B.M.

45.00 To the road leading from Lake Elizabeth to Cajon Pass bears
N. 75° W.

50.00 Intersect the E. boundary of the Township 10 lks. N. of the
corner to Secs. 1 and 12, from which corner I run

West on a true line between Secs. 1 and 12
Var. 14° 08' E.

40.00 Set a post charred and chalked for 1/4 sec. corner and raised
a mound with trench and pits as per instructions

50.00 The corner to Secs. 1, 2, 11 and 12.
Land rolling, 1st rate. Black soil.
Growth scattering cottonwood and willow.

South between Secs. 11 and 12.
Var. 14° 12' E.

40.00 Set a post charred, chalked for 1/4 sec. corner and raised
a mound with trench and pits as per instructions.

42.00 Leave valley and enter abrupt hills.

50.00 Set a post charred, chalked and notched for the corner to
Secs. 11, 12, 13 and 14, and raised a mound with trench and pits
as per instructions.
Land, rolling hills. First rate for farming.
Growth, scattering cottonwood and willows.

East on a random line between Secs. 12 and 13.
Var. 14° 12' E.

7.00 Enter valley, bears N.W.

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

50.56 Intersect the E. boundary of the Township, 60 lks. N. of corner
to Secs. 12 and 13, from which corner I run

West on a true line between Secs. 12 and 13
Var. 13° 26' E.

40.25 Set a post charred and chalked for 1/4 sec. corner and raised

a mound with trench and pits as per instructions.

80.56

The corner to Secs. 11, 12, 13 and 14.

Land rolling. Soil 1st rate.

Growth grass and weeds.

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South

between Secs. 13 and 14.

Var. 14*12' E.

40.00

Set a post charred and chalked for 1/4 sec. corner and raised a mound with trench and pits as per instructions.

42.00

Foot of abrupt mountain bears N. 85° W.

66.00

Here I find that I cannot continue any further owing to the abrupt nature of the mountains. I therefore drive a charred and chalked post and raise a mound with trench and pits as per instructions for witness corner to Sec. 13, 14, 23 and 24.

Land, broken hills, 3rd rate.

Growth, scattering scrub, etc.

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South

Between Secs. 2 and 3.

Var. 14*12' E.

18.00

To the road leading from Lake Elizabeth to Cajon Pass bears N.W.

40.00

Set a post charred and chalked for 1/4 Sec. corner and raised a mound with trench and pits as per instructions.

78.00

Foot of abrupt mountain bears N. 80° W.

80.00

Set a post charred and chalked for corner to Secs. 2, 3, 10 and 11, raise a mound with trench and pits as per instructions.

Land rolling, 1st rate.

Growth scattering cottonwood and willows.

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East

on a random line between Secs. 2 and 11.

Var. 14*12' E.

4.00

Enter valley bears N. 80° W.

16.00

Enter scattering cottonwood and willows.

T. 6 N., R. 14 W., S. B. M.

20.00 Leave same.

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

79.64 Intersect N. and S. line 100 lks. S. of corner to Secs. 1, 2, 11 and 12, from which corner I run

West on true line between Secs. 2 and 11.

Var. 14°55' E.

39.82 Set a post charred and chalked for 1/4 Sec. corner and raised a mound with trench and pits as per instructions.

79.64 The corner to Secs. 2, 3, 10 and 11.

Land 1st rate, slightly rolling.

Growth cottonwood and willows.

I find that it is not practicable to run between 10 and 11 owing to the abruptness of the mountains.

Therefore I return to the N. boundary of the Township and run

South Between Secs. 3 and 4

Var. 14°12' E.

40.00 Set a post charred and chalked for 1/4 sec. corner and raised a mound with trench and pits as per instructions.

77.00 Foot of abrupt mountain bears N. 85° W.

80.00 Set a post charred and chalked for corner to Secs. 3, 4, 9, and 10, and raised a mound with trench and pits as per instructions.

Land, rolling hills, 1st rate.

Growth grass, etc.

East on a random line between Secs. 3 and 10

Var. 14°12' E.

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

79.80 Intersect N. and S. line 20 lks. N. of corner to Secs. 2, 3, 10 and 11 from which corner I run

West on a true line between Secs. 3 and 10
Var. 14°03' E.
39.90 Set a post charred and chalked for 1/4 Sec. corner and raised
a mound with trench and pits as per instructions.
79.80 The corner to Secs. 3, 4, 9 and 10.
Land, 1st rate, good for farming.

I find that it is not practicable to run any portion of the
line between Secs. 9 and 10 owing to the rough nature of the
mountains therefore I return to the North Boundary of the
Township and run

South Between Secs. 4 and 5.
Var. 14°12' E.
3.50 To foot of abrupt mountain bears N. 70° W.
36.00 Here I find that I cannot proceed further owing to the rough
nature of the ground I drive a charred and chalked post for
witness corner from which a
pegwood 6 inch diameter bears S. 7 E. 37 lks. distant
Land, rough with scrub and briars.

General Description

The land in this Township is generally 1st rate and well
adapted for farming purposes.
The Southern portion is supplied with durable springs of
good fresh water and the adjoining mountains are covered
with timber of various kinds sufficient for farming purposes.

T. 6 N., R. 14 W.

In order to find the proper adjustment for my compass in
subdividing this township I set my instrument on the corner
to Secs. 4, 5, 32 and 33, Townships 6 & 7 N., R. 14 W., S.B.M.,
from which point a flag on the corner to Secs. 28, 29, 32 and
33 in T. 7 N., R. 14 W., S.B.M., is visible and bears N. 14°15'
W.

T. 6 N., R. 14 W., S.B.M.

Hence to retrace this line or run parallel thereto I must
adjust my compass to a variation of $14^{\circ} 15'$ E.

Subdivisions commenced.

Nov. 7th, 1877.

South between Secs. 4 and 5.

Var. $14^{\circ} 15'$ E.

15.00 To adobe house of Ramon Perara 75 lks. W. of line
24.50 Old road from Los Angeles to Fort Tejon, course N.E. to S.W.
34.25 Base of steep mountain, course E. and W., enter thick
underbrush.
40.00 To $1/4$ section corner set stone $8 \times 14 \times 17 - 2/3$ in ground on N.
slope of steep mountain.

Land ascending, quite rolling.

Soil 3rd rate.

I could proceed no farther south or east from this point on
account of the steep character of the land

Through Section 5.

West on true line

Var. $14^{\circ} 15'$ E.

23.00 To base of hills on S.E. side of San Francisco canon,
course N.W. and S.E. from which point the summit of San
Francisco pass bears N. $24\frac{1}{2}^{\circ}$ E., dist. 12.00 chs.
32.00 Los Angeles and Tejon Road, course N.E. and S.W.
40.00 Base of steep hills on N.E. side of San Francisco canon,
course N.E. and S.W. set stone $6 \times 9 \times 17 \frac{2}{3}$ in ground marked
C.P.S. 5 for center point Sec. 5.

Land first 23.00 chains, very broken.

Soil 3rd rate

Land last 17.00 chains level

Soil 2nd rate.

South from center point Sec. 5

Through section 5.

Var. 14-15' E.

- 6.00 Los Angeles and Tejon Road, course S.W. and N.E.
11.00 Base of hill on S.E. side of San Francisco canon, course
S.W. and N.E. Ascend.
22.00 Ravine 30 lks. wide, course W.
40.00 1/4 S.C. between Secs. 5 and 8 set stone 5x5x21 2/3 in ground
marked. 1/4 on steep N.W. slope of hill.
I could not proceed E. from this point on account of the
brushy and steep character of the land.

Land first 11 chs. level, soil 2d rate

Land last 29 chs. steep and brushy, soil 3rd rate.

West on true line between Secs. 5 and 8 from 1/4 S.C.

Var. 14-15' E.

- 35.00 Base of hills, on S.E. side of San Francisco canon, course
N.W. and S.E.
40.00 To corner to Secs. 5, 6, 7, 8, set 4x4 elder post 4 ft. long
with charred stake on W. side 1 ft. in ground and raised
mound of earth, 4 1/2 ft. diam., and 2 ft. high with pits
18x18x12 from which a

Elder 5 in. diam., bears S. 44° E., distant 9 1/2 lks.
marked S.T.S.S

Land 1st 35 chs. very hilly and brushy.

Soil 3rd rate

Last 5 chs. level

Soil 2nd rate

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North between Secs. 5 and 6.

Var. 14-15' E.

- 4.00 To Los Angeles and Tejon road, course N.E. and S.W.
17.30 To mouth of ravine from N. W. and small spring of water
at base of steep spur on N.W. side S.F. canon
20.00 To pt. on steep spur on N.W. side of San Francisco canon
I could proceed no farther in this direction on account of
the steepness of the mountain.

T. 6 N., R. 14 W., S.B.M.

Land 1st 17 chs. level. Soil 2d rate.

Land last 3 chs. very steep. Soil 3d rate.

South between Secs. 7 and 8.

Var. 14°15' E.

3.00

To base of hills on S.E. side of San Francisco canon N.E.
and S.W. Ascend

20.00

To a point, could proceed no farther in this direction on
account of the steepness of the mountain. Set stone 5x9x19,
2/3 in ground for witness corner to 1/4 sec. corner.

Land 1st 3 chs. level. Soil 2d rate

Land last 17 chs. ascending through thick underbrush.
Soil 3rd rate.

West on true line between Secs. 6 and 7

Var. 14°15' E.

7.00

To Los Angeles and Tejon road, course N.E. and S.W.

17.00

Top of spur, course S. about 2.50 chs.

19.00

Base of spur enter ravine 6 chs. wide and extends N. about
20 chs.

25.00

Base of spur N. and S.

32.00

Top of spur S. 3 chs.

34.50

Base of spur enter ravine from N. about 12 chs. course S.
8 chs. wide.

40.00

To 1/4 S.C. set elder post 4 in. diam., 4 ft. long with charred
stake on W. side 1 ft. in ground and raised mound of earth 4 1/2
ft. diam., 2 ft. high with pits 18 in square and 12 in. deep.

43.00

Base of steep hill on N.W. side of San Francisco canon.

44.00

Pt. on N. slope of steep spur above elder post 3 in. diam.,
2 1/2 ft. long. Could proceed no farther in this direction on
account of the steep nature of the mountains.

Land rolling.

Soil 2nd rate.

South through Sec. 7

Var. 14°15' E.

- 13.75 Los Angeles and Tejon road, course S.W. and N.E.
16.00 To wash 30 lks. wide, Course S.W.
17.00 To base of hills on S.E. side of San Francisco canon, course
N.E. and S.W. Ascend.
40.00 To center point Sec. 7. Set stone 7x7x20 inches 2/3 in ground
marked C.P.S.7 for center point Sec. 7.
Set in brush on steep N.W. slope of mountain.
Land 1st 17 chs. level. Soil 2nd rate.
Last 23 chs. steep ascent. Soil 3rd rate. Growth scrub oak.

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West through Sec. 7. From center point Sec. 7.

- 24.00 To base of hills on S.E. side of San Francisco canon, course
N.E. and S.W.
32.00 To wash 32 lks. wide, course S.W.
39.75 To Los Angeles and Tejon road, course S.W. and N.E.
40.00 To 1/4 sec. corner. Set elder post 4 inches diam., 4 ft. long,
with charred stake on west side 1 ft. in ground and raised
mound of earth, 4 1/2 ft. diam., 2 ft. high with pits 18 inches
square and 12 inches deep, from which
An elder 5 inches diam., bears N. 9 1/2° W. 55 lks. distant.
Land 1st 24 chs. steep and brushy. Soil 3rd rate.
Last 16 chs. level, Soil 2nd rate.

The base of the hills on N.W. side of San Francisco canon is
11.00 chs. west of the 1/4 sec. corner.

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North on W. Bdy Sec. 7 from 1/4 Sec. corner.

Var. 14°15' E.

- 15.00 To mouth of ravine 3.50 chs. to N. side and 4 chs. to E. side,
course E.
22.00 To base of steep hills on N.W. side of San Francisco canon at
head of cove or ravine, course south.
25.00 To pt. could proceed no farther in this direction on account

of the almost perpendicular character of hills. Set an elder post 4 inches diam., 4 ft. long in mound of stones 3 ft. diam., and 2 ft. high for witness post to corner to Secs. 1, 6, 7 and 12.

Land 1st 22 chs. gentle ascent. Soil 2nd rate.

Last 3 chs. very steep. Soil 3rd rate.

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South on West boundary of Sec. 7 from the 1/4 sec. corner.

Var. 14°15' E.

- .20 To Los Angeles Tejon road, course S.W. and N.E.
9.00 To wash 25 lks. wide, course S.W.
19.68 To live oak 10 lks. west of line marked 4 T. S. 12 at west end of spur from the East
23.00 To north side of Helena valley.
A small valley extending E. and S.E. about 1.20 chs.
37.00 To creek 30 lks. wide, from E. to N.W.
38.50 To base of steep hills on south side of Helena Valley, course E. & W. S.W.
40.00 To corner to Secs. 7, 12, 13, 18, set 4x4 elder post 4 ft. long with charred stake on S. side 1 ft. in ground, and raised mound of earth, 4 1/2 ft. diam., and 2 ft. high with pits 18 inches square and 12 inches deep.

Land gently descending. Soil 2nd rate.

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November 12th, 1877

East on true line between Secs. 7 and 18.

Var. 14°15' E.

- 8.00 To base of hill on south side of Helena Valley, course N.W.W.
12.25 To creek 20 lks. wide, course W.N.W.
40.00 To 1/4 Sec. cor. Set 2x4 elder post, 4 ft. long, with charred stake on East side 1 foot in ground and raised mound of earth, 4 1/2 ft. diam., 2 ft. high, with pits 18 inches square and 12 inches deep.

- 55.00 To base of hills on N. side of Helena Valley, course N.W. & S.E.
 61.00 To top of spur, course S. 3 chs.
 67.50 To base of spur, enter valley, course N. $53\frac{1}{4}^{\circ}$ E.
 73.00 To creek 30 lks. wide, course S.W.
 77.50 To base of spur between the N. and S. arms of Helena Valley, course N.E. and S.S.W.
 80.00 To corner to Secs. 7, 8, 17 and 18. Set elder post 4 inches diam., 4 ft. long with charred stake on East side 1 foot in ground and raised mound of earth, $4\frac{1}{2}$ ft. diam., 2 ft. high with pits 18 inches square, 12 inches deep on steep N.W. slope of spur. I could proceed no farther East on account of the steepness of the mountain spur.

Land rolling. Soil 2nd rate.

Growth of scattering live oak.

North between Secs. 7 and 8

Var. $14^{\circ}15'$ E.

- 2.50 To base of spur. Enter north arm of Helena Valley, course N. $53\frac{1}{4}^{\circ}$ E.
 4.80 To creek 20 lks. wide, course S.W.
 13.50 To base of hills on N. side of valley, course N.E. and S.W. Ascend steep mountain.
 20.00 To point on steep slope of mountain could proceed no farther in this direction on account of the precipitous character of the ground. Set stone $7 \times 10 \times 12$ inches, $\frac{2}{3}$ in ground for witness post to $\frac{1}{4}$ sec. corner.

East from point 20 chs. north from corner to Secs. 7, 8, 17, 18.

Var. $14^{\circ}15'$ E.

- 26.00 To base of hills, on N. side of N. arm of Helena Valley, course N.E. and S.W.
 31.00 To creek 10 lks. wide, course S.W.
 32.50 To base of hills on south side of valley or ravine here.

40.00 To point. Set stone 5x7x19 inches, 2/3 in ground.

Land broken. Soil 3rd rate.

I cannot proceed from this point on account of the precipitous character of the ground and the worthless character of the soil. The S. 1/2 of the S.W. 1/4 of Sec. 5 contains some good Agricultural land.

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South between Secs. 17 and 18.

Var. 14°15' E.

Ascend.

16.00 To top of spur, course W. 7 chs.

30.00 To base of spur, course N.W. and E.

40.00 To 1/4 Sec. corner. Set 2x4 elder post, 4 ft. long with charred stake on south side 1 ft. in ground and raised mound of earth, 4 1/2 ft. diam., 2 ft. high with pit 18 inches square, and 12 inches deep, from which Live oak 3 1/2 ft. diam., bears N. 59°45' E. distant 221 lks. E.T. 1/4 S. 17 and from which point the main south arm of Helena Valley bears S. 43 1/2° E. about 5 chs. wide and in about 40 chs. closes up to a steep ravine, from 1 ch. to 25 lks. wide, and a ravine coming in to the south arm from the S.E. bears N. 59 3/4° E., 6 chs. wide at mouth and in about 35 chs., closes up to a steep ravine from 1 ch. to 25 lks. wide.

44.50 To dry creek 20 lks. wide, course N.W.

53.50 To base of hills on south side of main south arm of Helena Valley, course N.W. and S.E. Ascend.

60.00 To pt. could proceed no farther in this direction on account of the precipitous character of the mountains. Set stone 7x10x20 inches 2/3 in ground for witness post to corner to Secs. 17, 18, 19 and 20.

Land very rolling, broken. Soil 3rd rate.

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East through Sec. 17, from 1/4 Sec. corner between Secs. 17 & 18.

Var. 14°15' E.

11.00 To west point of spur between the main south arm and N. ravine, course N.E. and S.E. main south arm here is 8 chs. wide and North ravine is about 6 chs. wide. Ascend spur.

40.00 To center point of section 17. Set rock 9x12x20 inches, $\frac{2}{3}$ in ground on North slope of brushy spur.

Land 1st 11 chs. level. Soil 2nd rate.

Last 29 chs. brushy and mountainous. Soil 3rd rate.

I cannot proceed either N.E. or S. from this point, the hills are very steep and the soil is worthless, S. $\frac{1}{2}$ of N.W. $\frac{1}{4}$ and N. $\frac{1}{4}$ of N.W. $\frac{1}{4}$ Sec. 17 has some good agricultural land.

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South through Section 18.

2.50 To creek 25 lks. wide, course N.

5.00 To creek from South arm 20 lks. wide, course N.W. and forms junction with creek from North arm in 3 chs.

16.00 To base of hills on south side of Helena Valley, course N.E. and N.W.

17.50 To spring 3 chs. East in ravine, course N.

20.00 To ridge of steep spur, course N.E. could proceed no farther on account of the steepness of the mountain, set stone 5x17x25 inches $\frac{2}{3}$ in ground for witness point to center point of Sec. 18. The S $\frac{1}{2}$ of the S $\frac{1}{2}$ of Sec. 7. N.E. $\frac{1}{4}$ and N. $\frac{1}{4}$ of N.W. $\frac{1}{4}$ of Sec. 18 contains some good agricultural land.

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Finished survey of this township, could survey no more on account of the mountainous character of the land.

John Goldsworthy,

U.S. Dep. Sur.

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Report.

The only agricultural land embraced in my survey is found

in the San Francisco Canon and Helena Valley, which is well wooded and watered. The remainder of the Township is rugged and mountainous and unsurveyable.

John Goldsworthy,

U.S. Dep. Sur,

Surveyed by John Goldsworthy, Deputy Surveyor
Contract dated August 18, 1887.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

N. 0-1' W. between sections 23 and 24.

x x x x x x

80.00 Set Quartz stone 20x16x5 inches 15 inches in the ground for corner of Sections 13, 14, 23 and 24, marked with 3 notches on S. and 1 notch on E. edges; and raise a mound of stone covered with earth, 4 ft. base, 1 1/2 ft. high, W. of corner.

Land mountainous.

Soil third rate.

No timber.

Undergrowth 68.60 chains of dense chaparral.

Mountainous land 80.00 chains.

East on a random line between Sections 13 and 24.

40.00 Set temporary 1/4 section corner.

79.65 Intersect E. boundary of the township at the corner of Sections 13, 18, 19 and 24.

Thence I run

West on a true line between Sections 13 and 24

Through brush; ascend.

12.15 Cross ravine 30 ft. deep, 12 links wide, course N.

14.65 Spur bears N. 80 ft. above ravine. Descend.

19.60 Gulch 16 links wide, course N. 60 ft. below spur. Ascend.

22.65 Top of ridge bears N. and S. 100 ft. above gulch.

Subdivision of
T. 6 N., R. 14 W., S. B. M.

Descend.

- 35.60 Gulch, 18 links wide, course N. 50° W. Ascend.
- 39.82½ Set a granite stone 15x10x5 inches, 10 inches in the ground for 1/4 section corner marked 1/4 on N. face, and raised a mound of stone covered with earth 3½ ft. base, 1½ ft. high, N. of corner.
- 40.75 Spur bears N. and descend.
- 45.00 Gulch, 8 links wide, course N. Ascend.
- 50.70 Spur bears N. 50 ft. above gulch. Descend.
- 56.10 Gulch, 10 links wide, course N. 50 ft. below spur.
Ascend.
- 60.50 Spur bears N. 50 ft. above gulch. Descend.
- 64.50 Gulch, 10 links wide, course N. 50 ft. below spur;
Ascend.
- 67.40 Spur bears N. 70 ft. above gulch. Descend.
- 73.10 Gulch 12 links wide, course N.
Ascend.
- 76.00 Spur bears N. Descend.
- 78.30 Gulch 8 links wide, course N. Ascend.
- 79.65 The corner to sections 13, 14, 23 and 24
Land mountainous
Soil third rate.
No timber
Undergrowth 79.65 chains dense chaparral.
Mountainous land 79.65 chains.

July 6, 1901.

N. 0° 1' W. between sections 22 and 23.

x x x x x x x

- 80.00 Set a granite stone 16 x 8 x 6 inches, 12 inches in the ground for corner to sections 14, 15, 22 and 23, marked

Subdivisions of T. 6 N., R. 14 W., S.E.M.

with 3 notches on S. and 2 notches on E. edges; and raise a mound of stone covered with earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of corner.

Land mountainous and broken

Soil rocky, third rate

No timber

Undergrowth 75.20 chains dense chaparral.

Mountainous land 75.20 chains.

Broken land 4.80 chains.

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East on a random line between Sections 14 and 23.

40.00 Set temporary 1/4 section corner.

80.05 Intersect N. and S. line 5 links N. of the corner of sections 13, 14, 23 and 24.

Thence I run

N. 89° 58' W. on a true line between Sections 14 and 23

Through dense brush and along N. slope of ridge. Ascend.

2.55 Spur bears N. 60 ft. above section corner. Descend.

5.50 Cross gulch 6 links wide, course N. Ascend.

12.50 Spur bears N. 150 ft. above gulch.

Descend.

17.40 Cross gulch 12 links wide, course N. 100 ft. below spur.

Ascend.

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

29.50 Center of gulch 50 links wide, course N. 150 ft. below ascent.

Ascend.

39.50 Top of high point on spur bears N. 200 ft. above gulch

40.02 1/2 Set a granite stone 16x8x6 inches, 12 inches in the ground for 1/4 section corner, marked 1/4 on N. face; and raise a mound of stone covered with earth 4 ft. base, 1 1/2 ft. high N. of corner. This corner stands on N. brow of high point. Descend.

Subdivisions of T. 6 N., R. 14 W., S.E.M.

- 48.45 Cross deep gulch 30 links wide, course N. 250 ft. below 1/4 section corner. Ascend.
- 53.25 Top of spur bears N. 100 ft. above gulch. Descend
- 60.00 Cross gulch 8 links wide, course N. 100 ft. below spur. Ascend.
- 80.05 The corner of sections 14, 15, 22 and 23.
- Land mountainous
- Soil third rate
- No timber
- Undergrowth 80.05 chains dense chaparral.
- Mountainous land 80.05 chains.

July 9, 1901.

N. 0° 1' W. between sections 14 and 15.

Through brush; descend.

- 8.00 Cross gulch 15 links wide, course N.E. 150 ft. below section corner. Ascend.
- 12.00 Spur bears N.E. 70 ft above gulch; descend.
- 25.00 Center of canon 100 links wide, course E. 300 ft. below spur. Ascend.
- 40.00 Set a granite stone 16x6x6 inches, 12 inches in the ground for 1/4 section corner marked 1/4 on W. face; and raise a mound of stone covered with earth, 3 1/2 ft. base, 2 ft. high, W. of corner.
- 44.00 Cross gulch 20 ft. deep, 12 links wide, course S. 25° W.
- 65.40 Top of ridge bears E. and W. Descend.
- 80.00 Set a granite stone 18x8x4 inches, 14 inches in the ground for corner to sections 10, 11, 14 and 15, marked with 4 notches on S. and 2 notches on E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high, W. of corner.

Land, rough, mountainous.

Soil, third rate

Subdivisions of T. 6 N., R. 14 W., S.B.M.

No timber.

Undergrowth 80.00 chains dense chaparral

Mountainous land, 80.00 chains.

July 10, 1901.

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July 11th: At 7h 16m a.m., l.m.t., I set off $34^{\circ} 38'$ on the lat. arc; $22^{\circ} 10.5'$ on the decl. arc; and determine a true meridian with the solar at the corner of sections 10, 11, 14 and 15, knowing that closing corner for sections 11 and 14 will have to be set, I make the line between sections 11 and 14 a true line.

From the above section corner I run

S. $89^{\circ} 58'$ E. on a true line between sections 11 and 14

Through brush; descend.

- 1.55 Cross bottom of canon 20 links wide, course N. 20° E.
Ascend abruptly.
- 9.00 Top of spur bears N. 20° E., 250 ft. above canon.
Descend abruptly.
- 12.00 Cross deep gulch, 15 links wide, course N. 20° E. 200 ft.
below spur. Ascend abruptly.
- 16.25 Top of spur bears N. 20° E., 200 ft. above gulch. Descend.
- 26.00 Cross deep gulch 20 links wide, course N. 20° W., 200 ft.
below spur; ascend.
- 30.65 Top of spur, bears N. 200 ft. above gulch.
- 31.15 Begin descent of E. slope.
- 40.00 The point for $1/4$ section corner falling on ground unsuitable
for a permanent monument, I continue to
- 41.22 Set a Miss Schist stone $16 \times 8 \times 4$ inches, 12 inches in the ground
for witness corner to $1/4$ section corner marked W.C. $1/4$ on N.
face; and raise a mound of stone covered with earth, $3 \frac{1}{2}$ ft.
base, $1 \frac{1}{2}$ ft. high N. of corner.
- This witness $1/4$ section corner is 1.22 chains S. $89^{\circ} 52'$ E.
from true point for $1/4$ section corner.

Subdivisions of T.6 N., R. 14 W., S.B.M.

Descend abruptly over E. slope of mountain.

- 54.20 Cross gulch, 4 ft. deep, 20 lks. wide, course S. 75° E.
58.50 Cross same gulch, 5 ft. deep, 20 links wide, course N. 70° E.
77.80 Intersect N. and S. line 131 links N. of the corner of sections 11, 12, 13 and 14.

Set a granite stone 16x8x6 inches, 12 inches in the ground for closing corner of sections 11 and 14, marked C.C. on W. with 4 grooves on S. and 2 grooves on N. face; and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high, W. of corner.

As the old corner of sections 11, 12, 13 and 14 now becomes corner of sections 12 and 13 only, I change this corner to corner for two sections by removing the notch on E. edge; and cutting 2 notches on N. edge

Land mountainous

Soil third rate

No timber

Undergrowth 77.80 chains dense chaparral.

Mountainous land 77.80 chains.

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Knowing that a closing corner will have to be set for sections 10 and 11, I make the line between sections 10 and 11 a true line.

N. 0° 1' W. on a true line between section 10 and 11

Through dense brush; descend abruptly.

- 27.50 Cross dry bed of canon 50 links wide, course N. 80° E. 400 ft. below section corner. Ascend.

- 35.00 Top of spur bears E. 60 ft. above canon. Descend.

- 40.00 Set a granite stone 15x8x5 inches, 12 inches in the ground for 1/4 section corner marked 1/4 on W. face and raise a mound of stone covered with earth 3 1/2 ft. base, 1 1/2 ft. high, W. of corner.

- 45.00 Leave brush bears E. and W.

- 50.40 Cross gulch 5 links wide, course E. Ascend.

Subdivisions of T.6 N., R. 14 W., S.B.M.

51.60 Enter dense brush bears E. and W.
54.65 Spur bears S. 80° E., 80 ft. above gulch. Descend.
58.50 Cross deep gulch 10 links wide, course S. 80° E., 60 ft. below spur; ascend.
61.00 Top of spur bears E. 90 ft. above gulch, descend
78.63 Intersect S. boundary of section 2, 4.47 chains E. of the corner of sections 2, 3, 10 and 11, which is a post 15 inches above ground 3 1/2 inches square, marked and witnessed as described by the Surveyor General.
Set a granite stone 13x10x8 inches, 10 inches in the ground for closing corner of sections 10 and 11, marked C.C. on S. with 2 grooves on E. and 4 grooves on W. faces, and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high, S. of corner.
I remove the marks from the old corner of sections 2, 3, 10 and 11, relating to sections 10 and 11
Land mountainous
Soil third rate
No timber
Undergrowth 72.03 chains dense chaparral.
Mountainous land 78.63 chains.

July 11, 1901.

- - - - -

N. 0° 2' W. between sections 21 and 22

x x x x x x

80.00 The point for section corner falls on steep ground not suitable for a permanent monument; I set a witness corner to corner of sections 15, 16, 21 and 22, 38 links E. of true point for corner on W. bank of wash.
Set a granite stone 16x8x8 inches, 14 inches in mound of earth and stone for witness corner to corner of sections 15, 16, 21 and 22, marked W.C. T. 6 N., on N.E. and R. 14 E. on S.E. faces; with 3 notches on S. and E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high, W. of corner.

Subdivisions of T. 6 N., R. 14 W., S. B. M.

Land, rough, mountainous.

Soil third rate

No timber

Undergrowth 80.00 chains dense chaparral.

Mountainous land 80.00 chains.

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July 15, At 2h20m P.M., l.m.t. I set off 34°37' on the lat. arc; 21°23' on the decl. arc; and determine a true meridian with the solar at the true point for corner of sections 15, 16, 21 and 22.

Thence I run

East, on a random line between sections 15 and 22

40.00 Set temporary 1/4 section corner

80.00 Intersect N. and S. line at the corner of sections 14, 15, 22 and 23.

Thence I run

West on a true line between sections 15 and 22

Through brush; ascend

5.60 Top of ridge bears N. 80° W. and S. 80° E.

Thence descend along S. slope of ridge.

40.00 Set a granite stone 18x10x8 inches, 14 inches in the ground for 1/4 section corner marked 1/4 on N. face; and raise a mound of stone covered with earth 3 1/2 ft. base, 1 1/2 ft. high, N. of corner.

40.50 Cross gulch 8 links wide, course S. Ascend

55.00 Top of spur bears S. Descend.

60.00 Cross gulch 15 links wide, course S. Ascend

68.00 Top of spur bears S. Descend.

79.35 Cross gulch 20 links wide, course S. Ascend.

79.62 The witness corner to corner of sections 15, 16, 21 and 22.

80.00 The point for corner of sections 15, 16, 21 and 22.

Land mountainous

Soil fourth rate

No timber

Subdivisions of T.6 N., R.14 W., S.B.M.

Undergrowth 80.00 chains dense chaparral.

Mountainous land 80.00 chains.

July 15, 1901.

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July 24: At 7h 32m, A.M., l.m.t., I set off 34°37' on the lat. arc; 19°58' on the decl. arc; and determine a true meridian with the solar at the true point for corner of sections 15, 16, 21 and 22.

Thence I run

N. 0°2' W. between sections 15 and 16

Through dense brush; ascend in gulch.

- 1.00 Leave gulch coming from N. 20° E. and ascend abruptly
- 11.50 Top of ridge bears E. and W. 300 ft. above ~~section~~ corner. Descend.
- 32.30 Center of canon 25 links wide, course W. 600 ft. below ridge. A spring bears E. about 200 links distant. Ascend rapidly.
- 40.00 The point for 1/4 section corner, falls on loose, sliding ground, falling rapidly to the N.W. and unsuitable for a permanent monument, I continue on line to
- 42.35 Set a manzanita post 3 ft. long, 3 1/2 inches square, with marked stone 24 inches in the ground for witness corner to 1/4 section corner; marked W.C. 1/4 S. on W. face; dig pits 18x18x12 inches N. and S. of post, 4 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of corner. This witness 1/4 section corner is N. 0° 2' W., 2.35 chains of true point for corner.
- 43.10 Cross gulch 15 feet deep 18 links wide, course S.W.
- 46.10 Summit of spur bears S.W. 400 ft. above canon. Descend.
- 65.40 Gulch, 12 links wide, course S.W. Ascend.
- 80.00 Set a granite stone 18x6x5 inches, 12 inches in the ground for corner of sections 9, 10, 15 and 16, marked with 4 notches on S. and 3 notches on E. edges; and raise a mound of stone covered with earth, 4 ft. base, 1 1/2 ft. high, W. of corner.

Subdivisions of T.6 N., R. 14 N., S.B.M.

Land mountainous

Soil fourth rate

No timber

Undergrowth 80.00 chains dense chaparral.

Mountainous land 80.00 chains.

- - - - -

East on a random line between sections 10 and 15.

40.00 Set temporary $1/4$ section corner.

80.20 Intersect N. and S. line at the corner of sections 10, 11, 14 and 15.

July 24; At this corner I set off $19^{\circ} 55'$ on the decl. arc; and at Oh 6m 13.5s P.M., l.m.t., observe the sun on the meridian; the resulting lat. is $34^{\circ} 38'$

Thence I run

West, on a true line between sections 10 and 15

Through dense brush; ascend abruptly.

8.17 Top of spur bears N. 250 ft. above section corner. Descend.

12.20 Cross gulch 20 links wide, course N. 100 ft. below spur; ascend.

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

25.70 Cross gulch 16 links wide, course N. 200 ft. below spur. Ascend.

30.08 Top of spur bears N. 80 ft. above gulch; descend

35.16 Cross gulch 20 links wide, course N. 150 ft. below spur.

Ascend abruptly.

40.10 The point for $1/4$ section corner falls on steep sliding ground unsuitable for a permanent corner I continue to

41.15 Set a granite stone $14 \times 10 \times 4$ inches, 10 inches in the ground for witness corner to $1/4$ section corner marked W.O. $1/4$ on N. face; and raise a mound of stone covered with earth $3 \frac{1}{2}$ ft. base, $1 \frac{1}{2}$ ft. high, N. of corner.

This witness corner is 105 links N. of the true point for $1/4$ section corner.

Subdivisions of T.6 N., R. 14 W., S.8. M.

42.20 Top of spur bears N. 250 ft. above gulch, descend
59.60 Cross gulch 10 links wide, course N. 400 ft. below spur. Ascend.
62.10 Cross point of spur, bears N. 40 ft. above gulch
64.00 Cross gulch 8 links wide, course N.E. Ascend
74.00 Top of small spur, bears S.E. Descend.
75.00 Cross ravine 10 links wide, course S.E. Ascend.
79.00 Top of ridge bears N. and S. Descend.
80.20 The corner of sections 9, 10, 15 and 16.

Land mountainous.

Soil third rate

No timber

Undergrowth 80.00 chains of dense chaparral.

Mountainous land 80.20 chains.

July 24, 1901.

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July 25: At 7h 56m A.M., l.m.t., I set off $34^{\circ}38'$ on the lat. arc; $19^{\circ}44.5'$ on the decl. arc; and determine a true meridian with the solar at the corner of sections 9, 10, 15 and 16.

Thence I run

N. $0^{\circ}2'$ W. on a true line between sections 9 and 10

NOTE:- I make this a true line since I know a closing corner for sections 9 and 10, will have to be set through low brush; ascend.

2.85 Top of ridge bears N. 80° W. and S. 20° E. Descend.
18.25 Cross dry wash in gulch 20 links wide, course E.
19.40 Begin steep ascent from gulch.
26.00 Spur bears E. 200 ft. above gulch.
Descend along east slope of ridge.
29.35 Enter dense oak brush bears E. and W. 40.00 chains. The point for $1/4$ section corner falling on ground unsuitable for a permanent monument at

Subdivisions of T. 6 N., R. 14 W., S. B. M.

- 38.36 Set a granite stone 14x6x6 inches, in the ground for witness corner to 1/4 section corner marked W.C. 1/4 on N. face; and raise a mound of stone, covered with earth 3 1/2 ft. base, 2 ft. high, W. of corner.
- 40.00 The true point for 1/4 section corner.
Thence descending over steep N. slope of mountain
- 75.50 Leave brush bears E. and W.
- 79.20 Intersect S. boundary of section 3, 5.38 chains N. 89° E. from old corner of sections 3, 4, 9 and 10.
Set a granite stone 16x12x5 inches 12 inches in the ground for closing corner of sections 9 and 10; marked C.C. on S. with 3 grooves on E. and W. faces; and raise a mound of stone, 4 ft. base, 2 ft. high, S. of corner.

Pits impracticable.

NOTE:- Preliminary to setting this closing corner I re-run the line between sections 3 and 10 and obtain the true bearing of said line.

Land mountainous

Soil third rate

No timber

Undergrowth 79.20 chains dense chaparral.

Mountainous land 79.20 chains.

July 25, 1901.

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From the corner of sections 20, 21, 28 and 29 x x x x x x x

Thence I run

N. 0° 2' W. between section s 20 and 21

x x x x x x x

- 80.00 Set a granite stone 14x12x5 inches, 10 inches in the ground cor corner of sections 16, 17, 20 and 21, marked with 3 notches on S. and 4 notches on E. edges; and raise a mound of stone covered with earth, 4 ft. base, 2 ft. high, W. of corner.

Land, rough, brushy, mountainous.

Soil third rate

No timber.

Subdivisions of T.6 N., R.14 W., S.B.M.

Undergrowth 18.40 chains low sage and

61.60 chains dense chaparral.

Mountainous land 80.00 chains.

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July 17: At 3h 6m P.M., l.m.t., I set off 34°37' on the lat. arc; 21°13' on the decl. arc; and determine a true meridian with the solar at the corner of sections 16, 17, 20 and 21.

Thence I run

East on a random line between sections 16 and 21

40.00 Set temporary 1/4 section corner.

80.00 Intersect N. and S. line 14 links N. of the true point for corner of sections 15, 16, 21 and 22.

Thence I run

N. 89°54' W. on a true line between sections 16 and 21.

Through dense brush; ascend abruptly.

12.60 Summit of ridge bears N. 20° E. and S. 20° W. 200 ft. above section corner.

Descend abruptly over a succession of small spurs and gulches bearing S.W.

13.00 Enter low brush

31.00 Bottom of deep gulch 20 links wide, course S. 30° W. 500 ft. below ridge, ascend abruptly.

32.50 Top of spur bears S. 30° W. 100 ft. above gulch, ascend

34.75 Gulch, 20 links wide, course S. 30° W. 100 ft. below spur. Ascend rapidly to

40.00 Set a granite stone 15x10x4 inches, 10 inches in the ground for 1/4 section corner marked 1/4 on N. face; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high, N. of corner.

44.58 Spur bears S. 300 ft. above gulch

William Sears' adobe house bears S. 27°38' W. Descend.

53.00 Cross gulch 20 links wide, course S. 200 ft. below spur. Ascend.

Subdivisions of T.6 N., R. 14 W., S.8. M.

72.80 Top of ridge bears N. and S. 300 ft. above gulch. Descend.
80.00 The corner of sections 16, 17, 20 and 21.

Land mountainous.

Soil third rate

No timber

Undergrowth 80.00 chains of chaparral.

Mountainous land 80.00 chains.

July 17, 1901.

- - - - -

July 26: At 7h 18m A.M., l.m.t., I set off $34^{\circ} 37'$ on the lat. arc; $19^{\circ} 32'$ on the decl. arc; and determine a true meridian with the solar at the corner of sections 16, 17, 20 and 21.

Thence I run

N. $0^{\circ} 2'$ W. on a true line between sections 16 and 17.

Through dense brush. Ascend rapidly.

4.41 Summit of high ridge bears E. and S. 80° W.

Leave brush; over ground from which the brush has been burned.
Descend abruptly.

18.50 Cross canon 65 links wide.

Stream of water 4 links wide, course W. 500 ft. below ridge.
Ascend rapidly.

40.00 Set a granite stone $18 \times 6 \times 5$ inches, 12 inches in the ground, for $1/4$ section corner marked $1/4$ on W. face; dig pits $18 \times 18 \times 12$ 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.
Corner on S. slope of ridge.

50.00 Top of point of spur 450 ft. above canon, bears S. 40° W.
Thence ascend along W. slope of spur.

56.50 Cross head of gulch, 20 links wide, 100 ft. below spur.
Course W.

71.50 Top of ridge 600 ft. above canon, bears E. and W. Descend.

Subdivisions of T.6 N., R.14 W., S.B.M.

- 30.00 Set a granite stone 15x10x6 inches, 12 inches in the ground for corner of sections 5, 9, 16 and 17, marked with 4 notches on E. and S. edges; and raised a mound of stone covered with earth, 3 1/2 ft. base, 1 1/2 ft. high, S.W. of corner.
 Impracticable to place mound W. of corner. Corner in head of sag on ridge, course W.
 Land mountainous.
 Soil third rate.
 No timber.
 Undergrowth 4.41 chains dense chaparral.
 Mountainous lands 30.00 chains.
-
3. 39° 54' E. on a random line between sections 9 and 16
- 40.00 Set temporary 1/4 section corner.
- 79.90 Intersect N. and S. line 14 links S. of the corner of sections 9, 10, 15 and 16.
 July 26: At this corner I set off 19° 29' on the decl. arc; and at 0h 6m 17s P.M., l.m.t., observe the sun on the meridian the resulting lat. is 34° 38'
 Thence I run
 West on a true line between sections 9 and 16
 Through low brush; descend.
- 8.20 Cross gulch 10 links wide, 50 ft. below section corner, course S. Ascend.
- 12.40 Spur bears S. 50 ft. above gulch. Descend.
- 17.40 Cross gulch 15 links wide, 50 ft. below spur, course S. Ascend.
- 22.30 Top of spur 100 ft. above gulch, bears S. Descend.
- 39.95 Set a granite stone 16x9x8 inches, 12 inches in the ground for 1/4 section corner, marked 1/4 on N. face; and raised a mound of stone, covered with earth 3 1/2 ft. base, 2 ft. high, N. of corner.
- 44.25 Cross gulch 5 links wide, 400 ft. below spur, course S. 30° E. Ascend.

Subdivisions of T.6 N., R.14 W., S.B.M.

- 46.42 Top of spur bears S.30° E. Descend.
- 50.40 Cross gulch 20 links wide, 80 ft. below spur, course S.
Ascend.
- 67.20 Top of ridge, bears N.E. and S.W. Descend rapidly to
- 79.90 The corner of sections 8, 9, 16 and 17.
- Land mountainous
- Soil third rate
- No timber
- Undergrowth 79.90 chains of chaparral.
- Mountainous land 79.90 chains.
- - - - -
- Knowing that a closing corner for sections 8 and 9, will have to be set, I make the line between sections 8 and 9 a true line
- N. 6°2' W. between sections 8 and 9
- Through low brush; ascend.
- Along W. slope of ridge
- 5.10 Top of ridge, 20 ft. above section corner bears E. and W.
Descend rapidly.
- 20.00 Cross gulch 15 links wide, 200 ft. below ridge course N.W. Ascend.
- 25.00 Summit of spur 60 ft. above gulch bears S.W. Descend
- 26.25 Cross canon 30 links wide, 350 ft. below spur; course W.
Ascend abruptly.
- 40.00 Set a granite stone 15x10x10 inches, 10 inches in the ground for 1/4 section corner, marked 1/4 on W. face; and raise a mound of stone covered with earth 3 ft. base, 1 1/2 ft. high, W. of corner.
- July 26, 1901.
- 43.00 Spur bears N.W. 400 ft. above canon, descend.
- 60.50 Cross Doud canon 50 links wide, 400 ft. below spur, course S. 75° W. Ascend.
- 60.75 Trail to Doud's Ranch bears N.75° E. and S.75° W.
- 79.82 Intersect the S. boundary of section 4, 5.37 chains E. of the corner of section 4 and 5.

Subdivisions of T.6 N., R. 14 W., S.2. M.

Set a granite stone 15x8x5 inches, 10 inches in the ground for closing corner of sections 8 and 9, marked C.C. on S. with 2 grooves on W. and 4 grooves on E. faces; and raised a mound of stone covered with earth 4 ft. base, 1 1/2 ft. high, S. of corner.

NOTE: Preliminary to setting this closing corner I run the line between sections 4 and 9 and obtained its true bearing.

Land mountainous

Soil third rate

No timber

Undergrowth 79.82 chains dense, low chaparral.

Mountainous land 79.82 chains.

- - - - -

July 30: At 9h 32m A.M., l.m.t., I set off 34°39' on the lat. arc; 18° 35' on the decl. arc; and determine a true meridian with the solar at the corner of sections 4 and 5

Thence I run

East on a random line on S. boundary of section 4

40.00 Set temporary 1/4 section corner.

80.00 Intersect E. boundary of section 4, 57 links N. of the corner of sections 3 and 4 described on page 9, book (9) of Re-surveys.

As instructed, I set closing corner for sections 4 and 9

Set a granite stone 14x8x5 inches, 10 inches in the ground for closing corner of sections 4 and 9 marked C.C. on W. face; with 5 grooves on S. and 1 groove on N. face; dig pits 24x18x12 inches, cross wise on each line N. and S. 4 ft and W. of stone, 6 ft. distant and ~~raise~~ a mound of earth, 4 ft. base, 1 1/2 ft. high, W. of corner. The corner of sections 3 and 4 now becomes S.W. corner of sections 3 only

Subdivisions of T.6 N., R.14 W., S.B.M.

I obliterate the W.W. pit; leaving the corner otherwise as first set.

Thence I run

West on a true line on S. boundary of section 4
Through brush; ascend.

2.50 Top of spur, bears W.

4.00 Leave brush bears N. and S.

Descend along N. slope of ridge.

6.50 Foot of ridge and enter sag bearing W.E.

10.00 Foot of descent in sag bears W.E. and S.W. Ascend

14.60 Enter dense brush bears W.E. and S.W.

16.50 Cross point of low spur, bears W. Descend.

18.60 Cross gully 10 links wide at base of spur, course N.

Leave brush; ascend.

34.50 Enter brush bears N. and S.

40.00 The point for 1/4 section corner falls on steep, sliding east
face of spur on which it is not practicable to build a corner.

40.20 Set a post 3 ft. long, 4 inches square, with marked stone 24
inches in the ground for witness corner to 1/4 section corner,
marked W.C. 1/4 S. on N. face; dug pits 18x18x12 inches E. and
W. of post, 4 ft. distant and raise a mound of earth 3 1/2 ft.
base, 1 1/2 ft. high, N. of corner.

This witness corner is 20 links W. of the true point for 1/4
section corner. Corner on top of small spur bears S.E.

Thence ascending along S. slope of ridge

52.50 Top of ridge bears N. 20° W. and S. 20° E. Descend.

80.00 The corner of sections 4 and 5.

Land mountainous

Soil second and third rates

No timber

Undergrowth 69.40 chains dense chaparral.

Mountainous land 80.00 chains.

July 30, 1901.

Subdivisions of T.6 N., R.14 W., S.B.M.

From 1/4 section corner between sections 4 and 5, described on page 8 book (9) of re-surveys of Subdivisions T.6 N., R.14 W. I run south between sections 4 and 5.

Through dense brush; descend.

- 2.25 Cross gulch 12 links wide, 50 ft. below 1/4 section corner, course N.E. Ascend.
- 4.00 Spur 40 ft. above gulch bears N.E. Descend.
- 5.10 Cross gulch 8 links wide, course N.E. Ascend.
- 24.10 Summit of ridge 600 ft. above gulch bears E. and W. Descend.
- 39.20 Intersect temporary post on line between sections 5 and 6 (previously run) At point of intersection I set a granite stone 12 x 8 x 6 inches, 8 inches in the ground for corner to sections 4 and 5 marked with 4 notches on E. edges; and raise a mound of stone covered with earth 5 ft. base, 2 ft. high, N. of corner.

Corner on very steep ground sloping S.

NOTE: I set corner of sections 4 and 5, only since I know a closing corner for sections 8 and 9, will be necessary.

land, rough, brushy mountains.

Soil third rate

No timber

Undergrowth 39.20 chains dense chaparral.

Mountainous land, 39.20 chains.

July 20, 1901.

July 23: At 7h A.M., l.m.t., I set off 34° 36' on the lat. arc; 20° 10' 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

N. 0° 3' W. between sections 19 and 20. Descend.

- .35 Cross gully 10 links wide, 10 ft. below corner x x x x x

Subdivisions of T. 6 N., R. 14 W., S.B.M.

x x x x x x

80.00 The point for corner of sections 17, 18, 19 and 20; the point for corner falling on ground unsuitable for a permanent monument at this point I

Set a granite stone 16 x 12 x 10 inches, 14 inches in the ground for witness corner to corner of sections 17, 18, 19 and 20, marked W.C. on N.E. face with 3 notches on S. and 5 notches on E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high W. of corner

Pits impracticable.

Land mountainous.

Soil fourth rate

No timber

Undergrowth, 15.00 chains chaparral.

Mountainous land 80.00 chains.

From true point for corner of sections 17, 18, 19 and 20 I run

East, on a random line between sections 17 and 20

40.00 Set temporary 1/4 section corner

80.00 Intersect N. and S. line at the corner of sections 16, 17, 20 and 21.

Thence I run

West on a true line between sections 17 and 20

Through dense brush, ascend rapidly.

5.75 Top of ridge 100 ft. above section corner bears N.E. and S.W. Descend abruptly to

27.00 Enter Canon 500 ft. below ridge, course S. 30° W.

29.50 Leave canon, ascend rapidly.

40.00 Set a granite stone, 12 x 8 x 8 inches, 8 inches in the ground for 1/4 section corner marked 1/4 on N. face; and dig pits 18 x 18 x 12 inches, 4 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of corner.

Corner on top of spur bears S. 30° E.

Subdivisions of T.6 N., R. 14 W., S.B.M.

Descend rapidly.

- 45.00 Cross head of gully, 8 links wide, course S. 30° E. Ascend.
46.24 Trail bears N. 30° W. and S. 30° E.
48.00 Top of ridge bears N. and S.
Thence along N. slope of mountain
57.50 Cross gulch 10 ft. deep, 9 links wide, course N. Ascend.
61.70 Spur bears N. Descend.
67.00 Cross gulch 5 links wide 50 ft. below spur course N. Ascend.
71.50 Top of ascent bears N. and S. Descend.
77.00 Foot of descent and ascend.
79.00 The witness corner to corner of sections 17, 18, 19 and 20.
80.00 The true point for corner of sections 17, 18, 19 and 20.

Land, rough mountains

Soil third rate

No timber

Undergrowth 80.00 chains of chaparral.

Mountainous land 80.00 chains.

July 23: At the witness corner to corner of sections 17, 18, 19 and 20.

I set off 20° 7' on the decl. arc; and at Oh 6m 14s P.M., l.m.t., observe the sun on the meridian, the resulting lat. is 34° 37' From true point for corner of sections 17, 18, 19 and 20, I run west on a random line between sections 18 and 19

- 40.00 Set temporary 1/4 section corner
81.90 Intersect W. boundary of the Township at the corner of sections 13, 18, 19 and 24 described in Notes of Exterior
Thence I run
East on a true line between sections 18 and 19
Through brush; descend along S. slope of mountain.

Subdivisions of T. 6 N., R. 14 W., S.B.M.

- 2.50 Cross ravine 12 links wide, 25 ft. below section corner, course S. Ascend.
- 3.50 Small spur 25 ft. above ravine, bears S. and descend
- 5.00 Gulch 16 links wide, course S. Ascend abruptly.
- 13.00 Top of ascent bears N. and S. Descend.
- 19.00 Cross gulch 15 links wide, course S. Ascend.
- 41.90 Set a granite stone 16 x 8 x 7 inches, 12 inches in the ground for 1/4 section corner; marked 1/4 on N. face; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high N. of corner.
- 43.50 Summit of high ridge, bears N. 60° W. and S. 60° E. Descend abruptly along N. slope of ridge.
- 51.90 The true point for corner of sections 17, 18, 19 and 20
- Land rough mountains
- Soil fourth rate
- No timber
- Undergrowth 51.90 chains chaparral.
- Mountainous land 51.90 chains.

July 23, 1901.

July 27: At the 1/4 section corner between sections 17 and 18 I set off 19°15' on the decl. arc; and at Oh 6m 17s P.M., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 37'.

Knowing that a closing corner for sections 17 and 18 will have to be set at intersection of this line with North boundary of section 19, I make the south half of line between sections 17 and 18 a true line

From the above 1/4 section corner I run south on a true line between sections 17 and 18

Through brush; descend.

- 3.50 Cross deep wash 30 links wide, course W.; ascend.
- 6.50 Leave canon and ascend.

Subdivisions of T. 6 N., R. 14 W., S.B.M.

- 15.60 Top of spur bears N.30°E. 150 ft. above canon
Descend to
- 26.00 Cross gulch 16 links wide, 80 ft. below spur course N.30° E.
Ascend abruptly.
- 40.70 Intersect N. boundary of section 19, 5.61 chains W. from true
point for corner of sections 17, 18, 19 and 20.
Set a granite stone 15x10x6 inches, 10 inches in the ground
for closing corner of sections 17 and 18, marked C.C. on N.
face; with 5 grooves on E. and 1 groove on W. faces; dig pits
24x18x12 inches crosswise of each line E. and W. 4 ft. and N. 6 ft.
distant and raise a mound of earth 4 ft. base, 1 1/2 ft. high
N. of corner.
I change the witness corner of sections 17, 18, 19 and 20 to
witness corner of sections 19 and 20 only by removing the
notches from the S. edge of stone.
Land mountainous.
Soil third rate
Timber, some scattering live oak in canon
Undergrowth 40.70 chains of chaparral.
Mountainous land 40.70 chains.
- - - - -
- From corner of sections 7, 8, 17 and 18, I run
East between sections 8 and 17
Through brush; ascend.
- 9.00 Top of spur 200 ft. above section corner bears N.W. descend.
- 13.00 Cross gulch 12 links wide, 150 ft. below spur course N. and
ascend.
- 14.50 Top of spur bears N. Descend.
- 17.50 Cross gulch 10 links wide, course N. Ascend.
- 27.00 Top of spur 300 ft. above gulch bears N. Descend.
- 35.25 Cross gulch 20 links wide, 250 ft. below spur, course N. Ascend.
- 40.00 Set a granite stone 24x6x5 inches, 18 inches in the ground
for 1/4 section corner, marked 1/4 on N. face; and raise a mound

Subdivisions of T. 6 N., R. 14 W., S.B.M.

of stone covered with earth 3 1/2 ft. base, 2 ft. high, N.
of corner.

Thence I run

East on a random line between sections 8 and 17.

85.50

Counting from section corner.

Intersect N. and S. line 86 links N. of corner of sections 8,
9, 16 and 17. As the falling is in excess of the prescribed
limit, I set closing corner for sections 8 and 17 at point of
intersection.

Set a granite stone 18x8x6 inches, 12 inches in the ground
for closing corner of sections 8 and 17, marked C.C. on W. face
with 2 grooves on N. and 4 grooves on S. faces; and raise a
mound of stone covered with earth, 3 1/2 ft. base, 1 1/2 ft.
high, W. of corner, I change the corner of sections 8, 9, 16
and 17 to corner for sections 9 and 16 x x x x x x only by
removing the notches on E. edge of stone and cutting 2 notches
on N. edge;

Thence I run

West on a true line between sections 8 and 17

Through low brush; descend.

17.00

Cross gulch 10 links wide 150 ft. below closing corner, course
S.W. Ascend.

43.50

Top of ridge bears N. and S. Descend to

45.50

The 1/4 section corner

Land mountainous

Soil third rate

No timber

Undergrowth 85.50 chains of chaparral.

Mountainous land 85.50 chains.

July 27, 1901.

By examination of the line between sections 7 and 8 I find
that the witness points reported set 20.00 chains north and
south of the corners of sections 7, 8, 17 and 18 and 5, 6, 7
and 8 respectively are missing.

Subdivisions T. 6 N., R. 14 W., S.B.M.

July 29: At 7.50 m. A.M., l.m.t., I set off 34°38' on the lat. arc; 18.51' on the decl. arc; and determine a true meridian with the solar at the corner of sections 7, 8, 17 and 18.

Thence I run

North between sections 7 and 8. Descend.

- 1.00 Enter canon, course S.W.
- 3.75 Cross dry wash 20 links wide, course S.W. Ascend.
- 4.00 Enter orchard bears N.E. and S.W.
- 7.75 Leave orchard bears E. and W.
- WilliamsDeud's dwelling house bears west about 2.50 chains.
- 8.50 Leave canon at base of spur bears N.E. and S.W.
- Enter brush bears E. and W. Ascend rapidly.
- 20.00 Set a granite stone 12x10x5 inches in mound of stone, 3 1/2 ft. base, 1 1/2 ft. high for witness point marked W.P. in W. face; and raise a mound of stone 3 1/2 ft. base, 2 ft. high W. of corner.
- Impracticable to sink stone or dig pits.
- Thence I run
- North on a random line between sections 7 and 8
- 40.00 Counting from section corner
- Set temporary 1/4 section corner
- 78.74 Intersect E. and W. line at the corner of sections 5, 6, 7, and 8, which is an elder post 3 1/2 inches square, 2 ft. above ground; marked T. 6 N., R. 14 W., S. 5 on N.E. and
- S. 8 on S.E.
- S. 7 on S.W. and
- S. 6 on N.W. faces
- No trace of the elder bearing tree could be found, I set a granite stone 14 x 8 x 6 inches, 10 inches in the ground alongside the post marked with 5 notches on S. and E. edges;

Subdivisions of T.6 N., R.14 W., S.B.M.

dug pits 18 x 18 x 12 inches in each section 5 ft. distant, and
raise a mound of earth 5 ft. base, 2 1/2 ft. high W. of corner.
Thence I run

South on a true line between sections 7 and 8

Ascend gradually through sage brush

1.50 To base of hill bears N. 70° E and S. 40° W. leave canon

Enter dense chaparral bears E. and W. Ascend rapidly

27.33 Top of ridge 600 ft. above canon bears E. and W.

Descend rapidly.

39.37 The point for 1/4 section corner falls on ground too steep
to build a monument.

40.00 Center of deep gulch 20 links wide, 400 ft. below ridge
course S.E. Ascend abruptly.

41.50 Set a granite stone 16 x 10 x 6 inches, 12 inches in the
ground for witness corner to 1/4 section corner marked W.C.
1/4 on W. face; and raise a mound of stone covered with earth,
3 1/2 ft. base, 1 1/2 ft. high W. of corner.

This witness corner to 1/4 section corner is 2.13 chains S.
of the true point for corner.

46.50 Top of spur 250 ft. above gulch, bears S.E. Descend.

58.74 The witness point 20 chains N. of the corner of sections 7, 8,
17 and 18.

Land, rough mountains.

Soil third rate

Timber, a few scattering live oak in canon

Undergrowth 68.74 chains dense chaparral.

Mountainous land 78.74 chains.

July 29, 1901.

- - - - -

July 29: At the 1/4 section corner between section 5 and 8
I set off 18° 48' on the decl. arc; and at Oh 6m 15s P. M.,
l.m.t., observe the sun on the meridian the resulting lat.
is 34° 39'.

Subdivisions of T. 6 N., R. 14 W., S.B.M.

Thence I run

East between sections 5 and 8

Through low brush; ascend.

2.00 Top of ridge bears N. and S.

Descend along S. slope of ridge.

40.00 Set temporary post.

Land mountainous

Soil third rate

No timber

Undergrowth, 40.00 chains chaparral

Mountainous land 40.00 chains

NOTE: The field notes of the line between section 4 and 5 and description of corner of sections 4, 5, established at the point of intersection of this line with the line between sections 4 and 5 are found on page 37

July 29, 1901.

- - - - -

August 1; At 8h 4m A.M., l.m.t., I set off 34° 39' on the lat. arc; 15° 7' on the decl. arc; and determine a true meridian with the solar at the 1/4 section corner between sections 6 and 7, which is an elder post 3 1/2 inches square 2 ft. above ground, firmly set and marked 1/4 S. on N. and S. faces; I

Set a granite stone 16 x 8 x 6 inches 12 inches in the ground alongside of post; marked 1/4 on N. face; dig pits 15x15x12 inches E. and W. of stone, 4 ft. distant and raise a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high N. of corner.

Thence I run

West on a random line between sections 6 and 7

40.78 Intersect W. boundary of the township at the corner of sections 1, 6, 7 and 12, described in notes of Exterior page 7 (Book 10).

Subdivisions of T. 6 N., R. 14 W., S.B.M.

Thence I run

East on a true line between section 6 and 7

Descend abruptly over rough, broken ground, through brush.

35.00 Leave brush bears N. and S.

40.78 The 1/4 section corner between sections 6 and 7, 500 ft. below section corner.

Land, mountainous

Soil, third rate

No timber

Undergrowth 35.00 chains of chaparral.

Mountainous land 40.78 chains.

- - - - -

August 1: At the corner of sections 5, 6, 7 and 8 I set off 18° 4' on the decl. arc; and at 6h 38 P.M., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 39'.

Thence I run

North between sections 5 and 6

Descend; through sage brush

3.60 Center of dry wash 70 links wide, course S.W. Ascend.

5.50 Road leading from Fort Tejon to Newhall bears N. 30° E. and S. 30° W.

17.50 Leave canon course S. 30° W.

Enter dense chaparral bears N. 30° E. and S. 30° W.

Ascend abruptly.

20.00 I make careful search here for the witness point reported set and fail to discover any trace of it; I set a granite stone 15 x 10 x 8 inches, 10 inches in the ground for witness point, marked W.P. on W. face; and raise a mound of stone covered with earth 3 ft. base, 3 1/2 ft. high, W. of stone.

Thence I run

North on a random line between sections 5 and 6.

Subdivisions of T.6 N., R.14 W., S.B.M.

- 40.00 Counting from section corner
Set temporary 1/4 section corner
- 79.20 Intersect the N. boundary of the township at the corner of
sections 5, 6, 31 and 32 described in notes of exteriors.
T. 7 N., R. 14 W. of this survey
Thence I run
South on a true line between sections 5 and 6
Descend
- 4.50 Center of sag 100 links wide, course E. 50 ft. below section
corner. Ascend abruptly.
- 20.00 Top of spur 200 ft. above sag bears N. 40° W.
Thence ascending along W. slope of same spur
- 27.40 Top of ridge 400 ft. above section corner bears N. 80° E.
and S. 80° W.
Enter dense chaparral bears E. and W.
Descend abruptly over S. slope
- 39.20 The point for 1/4 section corner falls on ground unsuitable
for a permanent monument.
- 39.90 Set a granite stone 15 x 8 x 7 inches 11 inches in the ground
for witness corner to 1/4 section corner marked W.O. 1/4 on
W. face; and raise a mound of stone, 3 1/2 ft. base, 1 1/2
ft. high W. of corner.
This witness corner to 1/4 section corner is 70 links S. of
the true point for corner.
- 44.20 Cross deep gulch 20 links wide 500 ft. below ridge, course S. 60° E.
Ascend abruptly.
- 48.50 Top of spur 200 ft. above gulch bears E.
Descend abruptly.
- 59.20 The witness point 20 chains N. of the corner of sections 5, 6,
7 and 8.
Land, rough mountainous.
Soil third rate
No timber
Undergrowth 51.80 chains dense chaparral and sage

Mountainous land 79,20 chains.

August 1, 1901.

GENERAL DESCRIPTION

The greater portion of this township is rough, rugged mountains, and the soil ranges from first to fourth rates. The soil in Boquet Canon may be classed as first and second rates and will usually produce crops without irrigation.

The soil of the remaining portion of the township except some small flats in Canons and rolling ground, may be classed as third and fourth rates, and is generally covered with dense chaparral, save where burned off by brush fires.

There are indications of gold, silver and copper in the township. The township is not well watered, there being no permanent running streams of any importance; but some springs of fairly good water are found.

There are three settlers in section 29, two in section 28 and one each in sections 4, 7, 22, 23, 25, 26 and 27.

GEORGE W. PEARSON
U.S. DEPUTY SURVEYOR.

Re-survey of Subdivisions T. 6 N., R. 14 W., S. B. M.
Survey commenced July 10, 1901 with a John Roach Solar Compass with telescopic attachment.
The instrument was examined, tested on the true meridian at San Francisco, found correct, and was approved by the U. S. Surveyor General for California, May 29, 1901.

Resurvey of Subdivisions of T. 6 N., R. 14 W., S.B.M.

I examine the instrument and find the adjustments correct
I test the solar apparatus by comparing its indications
resulting from solar observations made during P.M. and A.M.
hours, with a true meridian determined by observations on
Polaris, which I establish at my camp in the N.W. 1/4 of
section 26, July 4, 1901.

I find that the true meridians determined with the solar
agree with the true meridian determined by observations on
Polaris.

By examination of the line between sections 13 and 14
I find that the 1/4 section corner on line between sections
13 and 14 and the witness corner to corner of sections 13, 14,
23 and 24, described by the Surveyor General are missing. In
order to connect surveys to be made, I must re-run the line.
I find traces of the old mound at the corner of sections 11,
12, 13 and 14 and re-establish the corner at the same point
as follows:

Set a granite stone 20 x 10 x 6 inches, 15 inches in the
ground for corner of sections 11, 12, 13 and 14, marked with
4 notches in S. and 1 notch on E. edges; and raise a mound
of stone covered with earth, 4 ft. base, 2 ft. high, W. of
corner.

July 10: At 8h 30m A.M., l.m.t., I set off 34° 38' on the lat.
arc; 22° 18' on the decl. arc; and determine a true meridian
with the solar at the above described corner.

Thence I run

South between sections 13 and 14

Through brush; ascend

8.00 Top of spur bears E. and extends about 15.00 chains.
Over summit.

Resurvey of Subdivisions T.6 N., R. 14 W., S.B.M.

10.00 Begin descent of S. slope
14.00 Base of spur and enter canon, course N. 30° E.
25.00 Foot of spur bears E.
Leave canon and ascend.
35.00 Top of spur bears E. 150 ft. above canon, descend.
40.00 Set a granite stone 17 x 9 x 9 inches, 12 inches in the ground
for 1/4 section corner, marked 1/4 on W. face; and raise a
mound of stone, covered with earth, 3 1/2 ft. base, 2 ft. high,
W. of corner.
Thence I run
South on a random line between sections 13 and 14
75.60 Counting from section corner
Intersect line between sections 14 and 23 N. 89° 58' W. 2.46
chains from the corner of sections 13, 14, 23 and 24 as
previously established.
As instructed I set closing corner here for sections 13 and
14.
Set a granite stone 16 x 10 x 5 inches, 12 inches in the
ground for closing corner of sections 13 and 14, marked C.C.
on N. with 1 groove on E. and 5 grooves on W. faces; dug pits
24 x 18 x 12 inches crosswise on E. line E. and W. 4 ft and
N. 6 ft. distant and raise a mound of earth, 4 ft. base, 2 ft.
high N. of corner.
I change the corner of sections 13, 14, 23 and 24 as first
set to corner for sections 23 and 24 only by removing the
notches on S. edge; and leaving the mound as first built.
Thence I run
North on a true line between sections 13 and 14
Through dense brush; descend
15.10 Foot of ridge and enter canon bears E. and W.
20.60 Leave brush bears E. and W.
32.20 Cross dry wash in canon 20 links wide, course N. 60° E.
Thence, ascending gradually
36.60 Foot of brushy spur bears N. 60° E. and S. 60° W.

Resurvey of Subdivisions T.6 N., R. 14 W., S.B.M.

Enter brush.

Ascend rapidly

38.60 The 1/4 section corner.

Land mountainous

Soil second rate

No timber

Undergrowth, 62.60 chains dense chaparral and sage brush

Mountainous land 62.60 chains

Rolling land 16.00 chains

- - - - -

I re-run the line between sections 12 and 13 in order to locate error in closing of lines around section 13.

July 10: At the corner of sections 7, 12, 13 and 18 on E. boundary of the Township I set off 22° 16' on the decl. arc; and at 0h 5m P. M., l.m.t. observe the sun on the meridian; the resulting lat. is 34° 38'

Thence I run

West on a random line between sections 12 and 13

40.00 Set temporary 1/4 section corner. As no trace of 1/4 section corner could be found.

81.65 Intersect the corner of sections 11, 12, 13 and 14

Thence I run

East on a true line between sections 12 and 13.

Through brush; descend rapidly

7.00 Foot of steep descent bears N. and S. Descend gradually

9.50 Cross dry wash 10 links wide, course N. 30° W. 100 ft. below section corner. Thence over rolling ground.

19.60 Leave brush bears N. and S.

37.00 A vacant dwelling house bears N. about 4.50 chains

39.88 Fence bears N. and S.

40.82½ Set a granite stone 13 x 7 x 7 inches, 10 inches in the ground for ¼ section corner marked ¼ on N. face; dig pits 18 x 18 x 12 inches E. and W. of stone, 4 ft. distant and

Resurvey of Subdivisions of T. 6 N., R. 14 W., S.B.M.

raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,
N. of corner.

- 51.20 Road bears N.W. and S.E.
72.65 Road bears N.W. and S.E.
76.10 Wire fence bears N. and S.
81.65 The corner of sections 7, 12, 13 and 18.

Land rolling and mountainous

Soil second rate

No timber

Undergrowth 19.60 chains dense chaparral.

Mountainous land 9.50 chains

Rolling land 72.15 chains.

July 10, 1901.

I re-run the E. and W. boundaries of section 11 in order
to locate error in closing of lines around said section.

July 12: At 7h 54m A. M., 1. m. t.

I set off 34° 38' on the lat. arc; 22° 2' on the decl. arc;
and determine a true meridian with the solar at the corner
of sections 12 and 13.

Thence I run

North on a random line between sections 12 and 11

- 1.31 The corner of sections 11 and 14.

Thence north between sections 11 and 12

Counting from corner to sections 12 and 13

- 39.81 Intersect 1/4 section corner which is a partly decayed post
3 1/2 inches square in a mound of stone and earth; marked
1/4 S. I remove the corner and re-establish it at the same
point as follows:

Set a granite stone 15 x 13 x 8 inches, 10 inches in the
ground for 1/4 section corner marked 1/4 on W. face; and
raise a mound of stone and earth 3 1/2 ft. base, 1 1/2 ft.
high. W. of corner.

Resurvey of Subdivisions of T.6 N., R. 14 W., S.B.M.

- 79.85 To a point $18\frac{1}{2}$ links W. of corner of sections 1, 2, 11 and 12, which is a post 3 inches diameter, 12 inches above mound of stone and earth; marks obliterated.
Re-establish this corner at the same point as follows:
Set a sandstone $15 \times 10 \times 8$ inches, 14 inches in the ground for corner of sections 1, 2, 11 and 12, marked with 5 notches on S. and 1 notch on E. edges; and raise a mound of stone covered with earth 4 ft. base, 2 ft. high, W. of corner.
Thence I run
S. $0^\circ 16'$ W. on a true line between sections 11 and 12
Descend gradually
- 4.25 Cross dry wash 15 ft. deep 40 links wide, course S. 50° E.
Ascend gradually
- 7.65 Road from Fort Tejon to Palmdale bears N. 80° E. and S. 80° W.
- 9.50 Cross old road bears E. and W.
- 14.25 Foot of hill bears E. and W. Ascend rapidly.
- 17.50 Top of hill, bears E. and W. 50 ft. above foot of same.
Descend.
- 21.50 Center of sag 50 links wide, course E. 30 ft. below hill; ascend.
- 24.50 Top of spur bears E. 30 ft. above sag. Thence ascending over a succession of small spurs and gulches bearing easterly.
- 26.50 Road bears N.E. and S.W.
- 40.04 The $1/4$ section corner at wire fence line bears E. and W.
Thence I run
South on a true line between sections 11 and 12. Ascend.
- 5.50 Spur bears E. 40 ft. above $1/4$ section corner. Descend.
- 9.00 Bottom of sag 20 links wide, course E. Ascend
- 12.50 Enter dense brush bears E. and W.
- 16.50 Begin steep ascent bears E. and W.
- 21.75 Leave brush bears E. and W.

Resurvey of Subdivisions of T.6.N., R.14 W., S.B.M.

- 23.00 Spur bears E. 200 ft. above sag; descend.
 28.50 Cross gulch 90 links wide, course S. 80° E. 100 ft. below spur; ascend.
 31.00 Spur bears S. 80° E. 6 ft. above gulch, enter brush bears E. and W. Descend.
 38.00 Cross gully 15 links wide, course E. Ascend.
 38.50 The closing corner of sections 11 and 14
 39.81 The corner of sections 12 and 13.

Land mountainous

Soil second rate

No timber

Undergrowth 18.06 chains dense chaparral.

Mountainous land 79.85 chains.

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July 12: At this corner I set off 22° on the decl. arc; and at Oh 5m 16.8s P.M. l.m.t., observe the sun on the meridian; the resulting lat. is 34° 38' nearly

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From the corner of sections 1, 2, 11 and 12, I run West on a random line between sections 2 and 11

- 40.00 Unable to find 1/4 section corner, I set temporary section corner.

- 82.19 Intersect the corner of sections 2 and 3

Thence I run

East on a true line on S. boundary of section 2.

Through brush; ascend.

- 1.00 Top of spur bears N. Descend.

- 4.47 The closing corner of sections 10 and 11.

- 11.00 Leave brush bears N. and S.

- 14.00 Feet of spur bears N. and S. Thence over rolling and broken ground.

- 15.00 To fence line bearing E. thence along fence.

- 22.50 John Erratchu's dwelling house, bears S. about 5 chains

- 27.00 Barn bears S. about 6.00 chains.

Resurvey of Subdivisions of T.6 N., R.14 W., S.E.M.

- 29.50 Cross dry wash 8 links wide, course S.E. Ascend.
- 41.09½ Set a granite stone 24 x 10 x 8 inches, 18 inches in the ground for ¼ section corner marked ¼ on N. face; dig pits 18 x 18 x 12 inches E. and W. of stone 4 ft. distant and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of corner.
- 42.10 To corner of fence; the junction of two lines of fence bearing N. and S. and E. and W,
- 43.70 Road from Fort Tejon to Palmdale bears N. 70° W. and S. 70° E.
- 49.50 Top of ascent bears N. and S. Descend
- 54.50 Bottom of sag 100 links wide, course S. 30° E. Ascend
- 57.50 Top of low spur bears S. 30 ft. above sag. Descend.
- 64.00 Enter large sage brush bears N. and S.
- 75.00 Cross deep wash 10 ft. deep 30 links wide, course S.E.
- 78.50 Cross dry wash 8 ft. deep, 20 links wide, course S.E.
- 82.19 The corner of sections 1, 2, 11 and 12.

Land rolling and mountainous

Soil first and second rates

No timber

Undergrowth 29.19 chains of heavy sage and chaparral.

Mountainous land 14.00 chains.

Rolling and broken land 68.19 chains.

July 12, 1901.

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I re-run the line between sections 3 and 10 in order to locate the error in closing of lines around section 10. At the corner of sections 3, 4, 9 and 10, I find traces of old mound, but no trace of the post could be discovered; I re-establish this corner at the same point as follows: Set a granite stone 24 x 13 x 5 inches, 18 inches in the ground for corner of sections 3 and 4 marked 3 notches on E. edges; dig pits 18 x 18 x 12 inches in each section

Resurvey of Subdivisions of T.6 N., R.14.W., S.B.M.

5 ft. distant and raise a mound of earth, 4 ft. base, 2 ft. high W. of corner.

NOTE: I set corner for sections 3 and 4 only since closing corner for sections 9 and 10 will be necessary

July 25: At the corner I set off $19^{\circ} 42'$ on the decl. arc; and at Oh 6m 16.5s P.M., l.m.t. observe the sun on the meridian; the resulting lat. is $34^{\circ} 39'$ about

A flag at the $1/4$ section corner between sections 3 and 10 being plainly visible, I run for said corner N. 59° E. on a random line on S. boundary of section 3.

40.15 The $1/4$ section corner which is a juniper post 3 inches square, 14 inches above ground and firmly set, marked $1/4$ S. on E. face;

Thence I run

East on a random line

41.15 To a point 122 links N. of the corner of sections 2 and 3.

Thence I run

N. $85^{\circ} 15'$ W. on a true line on S. boundary section 3.

Through brush; descend.

3.15 Cross gulch 20 links wide, course N. 60° E. ; ascend.

14.00 Spur bears N. 60° E. Descend.

24.50 Gulch, 15 links wide, course N. 20° E. ascend.

29.90 Spur bears N. descend.

33.00 Cross gulch 20 links wide, course N. Ascend.

41.17 The $1/4$ section corner on top of spur bears N.

Thence I run

S. 59° W. on a true line on S. boundary of section 3.

Through dense brush; descend.

4.50 Cross gulch 10 links wide, course N. 80 ft below $1/4$ section corner. Ascend.

7.20 Top of small spur bears N. 40 ft. above gulch, descend

12.40 Cross dry wash 40 links wide, course N. 80 ft. below Spur. Ascend.

Resurvey of Subdivisions of T.6 N., R.14.W., S.2.E.

12.50 Leave dense brush bears N. and S.
 16.45 Spur bears N. 50 ft. above dry wash. Descend.
 19.25 Cross gulch 10 links wide, course N. 50 ft. below spur;
 Ascend.
 29.00 Spur bears N. 50 ft. above gulch; descend.
 33.70 Gulch, 12 links wide, course N. ascend.
 38.50 Enter dense brush bears N. and S.
 40.15 The corner of sections 3 and 4.

Land mountainous.

Soil 3rd rate.

No timber

Undergrowth 55.32 chains of dense chaparral.

Mountainous land 81.32 chains.

July 25, 1901.

 In order to locate the error in closing of the lines
 around section 4, it is necessary to rerun the surveyed
 lines of said section.

From the corner of sections 4, 5, 32 and 33 on the N.
 boundary of the township described on page 6 book of
 Exterior T. 7 N., R. 14 W., of this survey.

I run

South on a random line between sections 4 and 5

39.70 To a point 6 links W. of 1/4 section corner which is a post
 3 1/2 inches square, 2 ft. above mound of stone, 4 ft. base,
 2 ft. high marked 1/4 S.

Thence I run

N. 0° 5' W. on a true line between sections 4 and 5.

Through brush; ascend.

1.20 Top of spur bears N.E. Descend.
 6.20 Cross gulch 14 links wide, 150 ft. below spur; ascend.
 8.10 Leave brush, bears E. and W.
 10.00 Top of spur 100 ft. above gulch, bears N.E. descend.
 15.45 Old road bears E. and W.

Resurvey of Subdivisions of T.6.N., R.14.W., S.E.M.

22.20 Gulch, 20 links wide, 200 ft. below spur, course N.E. Ascend.
 26.70 Spur 75 ft. above gulch, bears N.E. Descend.
 28.95 Gulch, 5 links wide, 50 ft. below spur, course N.E. Ascend.
 32.30 Spur 70 ft. above gulch, bears N.E. Descend.
 35.70 Gulch, 60 ft. below spur, course N.E. Ascend.
 39.70 The corner of sections 4, 5, 32 and 33.

Land mountainous

Soil third rate

No timber

Undergrowth 8.10 chains of dense chaparral.

Mountainous land 39.70 chains.

July 29, 1901.

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July 30: At the corner of sections 3 and 4 I set off 18°33' on the decl. arc; and at Oh 6m 14s P.M., l.m.t. observe the sun on the meridian; the resulting lat. is 34°39'

Thence I run

North on a random line between sections 3 and 4.

40.00 Intersect the 1/4 section corner which is a cedar post 3 inches square, 12 inches above ground and firmly set and marked 1/4 S.

79.96 Intersect N. boundary of the township 48 links E. of the corner of sections 3, 4, 33 and 34, which is a cedar post 3 1/2 inches square, 14 inches above ground, marked T. 7 N., R. 14 W., S. 33 on N.W., S. 34 on N.E., T. 6 N., R. 14 W., S. 3 on S.E. and S. 4 on S.W. faces.

Thence I run

S. 0° 41' on a true line between sections 3 and 4.

Along fence line; descend.

.50 Cross gully 8 links wide, 10 ft. below section corner, course W. Ascend.

4.00 Top of ascent 20 ft. above gully bears N. 70° W. and S. 70° W. Descend.

Resurvey of Subdivisions of T.6.N., R.14.W., S.B.M.

- 9.50 Cross gulch 15 links wide, 40 ft. below ascent, course S.70° W.
Ascend.
- 11.50 Top ascent 35 ft. above gulch bears N. 60° E. and S.60° W.
Descend.
- 16.10 Wire fence bears E. and W.
- 16.75 Road leading to Fort Tejon and Palmdale bears E. and W.
- 16.97 Wire fence bears E. and W.
- 24.00 Cross dry wash in swale 20 links wide 50 ft. below ascent,
course S. 60° E. Ascend.
- 37.40 Foot of spur bears E. and W.
Enter brush bears E. and W. Ascend rapidly.
- 39.96 The 1/4 section corner.
Thence I run
South on a true line between sections 3 and 4.
- 1.50 Top of spur 150 ft. above dry wash bears E. Descend
- 5.40 Foot of spur ~~and~~ enter flat bears E. and W.
- 7.40 Foot of spur, bears E. and W. Ascend.
- 11.25 Top of spur, bears E. 80 ft. above flat; Descend.
- 14.50 Leave brush bears E. and W.
- 15.00 N.E. corner of Writter's dwelling house.
- 15.75 Road bears N. 60° E. and S. 60° W.
Enter cultivated ground bears E. and W. descend gradually
- 26.00 Bottom of descent in swale bears N. 60° E. and S. 60° W.
Ascend.
- 26.70 Wire fence bears E. and W.
- 28.00 Pedro Ruiz' dwelling house bears E. about 100 links dist.
- 38.44 Wire fence bears E. and W. Enter brush bears E. and W.
- 39.00 Top of spur bears E. Descend.
- 40.00 The corner of sections 3 and 4.

Land mountainous

Soil first and second rates

No timber

Undergrowth, 18.62 chains of dense chaparral.

Mountainous land 79.96 chains.

Resurvey of Subdivisions of T. 6 N., R. 14 W., S.B.M.

By examination of the line between sections 17 and 18 and line between sections 7 and 18, I find that all trace of the old corners have been obliterated

In order to begin and connect surveys to be made, said corners must be re-established.

I begin at the corner of sections 7, 12, 13 and 18 on the W. boundary of the township which is an elder post 3 inches square, 18 inches above mound of stone and earth marked T. 6 N., R. 14 W., S. 7 on N.E., S. 18 on S.E., T. 6 N., R. 15 W., S. 13 on S.W. and S. 12 on N.W. faces.

July 27: At 8h A.M., l.m.t., I set off $34^{\circ} 35'$ on the lat. arc; $19^{\circ} 18'$ on the decl. arc; and determine a true meridian with the solar at the above corner.

Thence I run

East between sections 7 and 18

Through scattering oak timber and undergrowth;

Descend rapidly.

3.00 Enter Canada at foot of hill bears N. 60° W. and S. 60° E.
Descend gradually.

6.90 Trail bears N. 60° W. and S. 60° E.

17.10 Enter deep wash 80 links wide, course N. 80° W.

Thence up wash.

18.00 Road bears N. and S. 50° E.

24.10 Leave wash coming from N. 80° E. banks 15 ft. high.

24.20 Mr. Martin's dwelling house bears S. $31^{\circ} 10'$ W. about 6.50 chains.

25.30 Enter same wash 15 ft. deep, course N. 80° E.

Thence up wash.

27.50 Top of bank and leave wash coming from S. 70° E.

28.00 Road bears N. 80° W. and S. 80° E.

40.00 Set a granite stone 12 x 10 x 6 inches 10 inches in the ground for $1/4$ section corner marked $1/4$ on N. 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, $1\frac{1}{2}$ ft. high, N. of corner. from corner.

Resurvey of Subdivisions T.6 N., R.14 W., S.B.M.

A live oak 12 inches diameter bears N. $58\frac{1}{4}^{\circ}$ E. $25\frac{1}{2}$ links distant marked $1/4$ S.B.T.

A live oak 15 inches diameter bears S. 70° W. $90\frac{1}{2}$ links distant marked $1/4$ S.B.T.

- 40.25 Wire fence bears N. and S. Leave timber bears N. and S.
42.00 Enter dense brush bears N. and S.
47.00 Ascend
57.25 Top of spur bears S. 150 ft. above $1/4$ section corner. Descend.
58.50 Enter gulch 100 links wide, course S.
59.50 Leave gulch and ascend.
64.30 Top of spur 150 ft. above gulch bears S. 30° W. Descend.
69.00 Leave brush bears N. and S.
69.60 Road leading to Dowds' Ranch bears N. and S.
69.75 Enter cultivated ground in swale bears N. and S.
74.00 Enter dry wash course S.
74.87 Leave dry wash and ascend.
79.00 Leave cultivated ground at foot of hill bears N. and S.
Ascend rapidly
79.50 Enter dense brush bears N. and S.
80.00 Set a granite stone 18 x 10 x 6 inches, 12 inches in the ground for corner of sections 7, 8, 17 and 18, marked with 4 notches on S. and 5 notches on E. edges; and raise a mound of stone covered with earth, 4 ft. base, 1 $1/2$ ft. high W. of corner from corner

A live oak 11 inches diameter bears N. $22\frac{1}{2}^{\circ}$ W. 42 links distant marked T. 6 N., R. 14 W., S. 8 B.T.

A live oak 12 inches diameter bears N. 50° W. 21 links distant, marked T. 6 N., R. 14 W. S. 7 B.T.

No other trees within limit

Land mountainous and rolling

Soil second rate

Timber scattering live oak in canon

Resurvey of Subdivisions T.6 N., R.14 W., S.B.M.

Undergrowth 69.50 chains of dense chaparral and
undergrowth of oak.

Mountainous land 26.75 chains

Rolling land 53.25 chains

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South between sections 17 and 18

Through dense brush ascend.

2.50 Top of spur bears S. 60° W. Descend
5.30 Cross gulch 15 links wide, course S. 60° W. and ascend
7.00 Top of small spur bears S. 30° W. Descend
9.00 Cross gulch 12 links wide, course S. 30° W. Ascend
15.00 Top of spur bears S. 30° W. Descend
31.00 Enter Canada, course W.
40.00 Set a granite stone 16 x 8 x 5 inches 12 inches in the
ground for 1/4 section corner marked 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 1/2 ft. base, 1 1/2
ft. high W. of corner.

From corner

A live oak 3 ft. diam. bears S. 77 3/4° E. 2.45 chains
distant marked 1/4 S7 E. T.

No other within limit

Land mountainous and rolling

Soil second rate

Timber scattering oak in canon

Mountainous land 31.00 chains

Rolling land 9.00 chains

July 27, 1901.

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Being unable to identify the old 1/4 section corner between
sections 5 and 8 I re-run the west one-half of this line.
From the corner of sections 5, 6, 7 and 8, I run east on
a random line between sections 5 and 8.

Resurvey of Subdivisions T. 6 N., R. 14 W., S.B.M.

40.00 The 1/4 section corner which is a granite stone 5x 8 x 8 inches above ground; no mark on the stone could be discovered nor evidence of a mound having been erected around stone; I re-set this corner which is a granite stone 20 x 8 x 8 inches, 15 inches in the ground, marked 1/4 on N. face; and raise a mound of stone covered with earth, 3 1/2 ft. base, 1 1/2 ft. high N. of corner.

Thence I run

West on a true line between sections 5 and 8

Through low brush; descend.

5.00 Cross near head of gulch 16 links wide 100 ft. below 1/4 section corner course N. 60° W.

Thence along N. slope of ridge

6.00 Enter high brush bears N. and S.

23.50 Begin steep descent bears N. and S.

36.50 Foot of ridge bears N. and S. Enter canon, course S. 30° W.

40.00 The corner of sections 5, 6, 7 and 8

Land, rough mountains

Soil third rate

No timber

Undergrowth 40.00 chains dense chaparral.

Mountainous land 40.00 chains.

July 29, 1901.

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I re-run the east one-half the line between sections 6 and 7 in order to locate an error in closing of lines around section 7. From the corner of sections 5, 6, 7 and 8, I run west, on a random line between sections 6 and 7

39.59 To a point 126 links S. of the 1/4 section corner

Thence I run

S. 83° 11' E. on a true line between sections 6 and 7

Ascend.

Resurvey of Subdivisions T. 6 N., R. 14 W., S.B.M.

- 1.50 Enter brush bears N. and S.
7.00 Top of spur 60 ft. above 1/4 section corner bears S.
A vacant cabin bears N. 35° W. about 10.00 chains distant
Descend.
10.00 Enter canon course S.
20.00 Leave canon and ascend low brushy point
22.50 Top of spur bears S.W. 50 ft. above canon; descend
25.00 Enter canon, course S.W.
31.00 Road leading from Fort Tejon to Newhall, bears N.E. and S.W.
32.00 Cross dry wash 60 links wide, course S.W. and ascend
39.61 The corner of sections 5, 6, 7 and 8.

Land mountainous and rolling

Soil second rate

No timber

Undergrowth 38.11 chains of dense chaparral and
sage.

Mountainous land 29.61 chains.

Rolling land 10.00 chains.

August 1, 1901.

GEORGE W. PEARSON

U. S. Deputy Surveyor

Surveyed by George W. Pearson, Deputy Surveyor,
Contract dated April 8, 1901.