

Field Notes of Certain Lines
in Township 6 North, Ranges 13 and 14 West,
San Bernardino Meridian, California.

			R. 14 W.	R. 13 W.			
	34	35	36	31	32	33	34
		3	2	1			T. 7 N.
	3	20 2	19 1	6	6 5	4 4	3
		20 21	19 20	7	6 7		T. 6 N.
	10	25 24	20 12	2 7	4 8	4 9	3 10
		22 11 25	20	8 9	8	5	
	15	22 23	24	18 19	5 17	5 16	3 15
		21 14 24	13 12	18 17 18	9	6	4
	22	23 21	21	13 14	13 15 16		
		24 0	19 12 13	20	21	22	
	27	26	25	30	29	28	27

R.W.Norris - Contract dated 12-23-1853
G.W.Pearson - Contract dated 4-8-1901

Between Townships 6 and 7 North, Range 13 West, S.B.M.

West on a true line between Secs. 6 and 31

Variation 14°12' East

x x x x x x x

80.00 To a point for cor. to Townships 6 and 7 North, Ranges
13 and 14 West.

Drove charred chalked and notched stake and raised a
mound with pits and trench as per instructions.

Land mountainous and broken 3rd rate

Growth scattering scrub.

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Between Ranges 13 and 14 West, Township 6 North, S.B.M.

From the cor. to Townships 6 and 7 North, Ranges 13 and
14 West, I run

South on the Range line between Secs. 1 and 6

Variation 14°12' East

Ascending northern slope of mountains.

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

43.50 Summit of mountain bears N. 68 W. 500 ft. above the level
of the plain. I then descend rough and broken hills.

79.00 To foot of mountain bears N. 70 W. and enter valley

80.00 Set a charred chalked and notched post for cor. to Secs.
1, 6, 7 and 12, and raised a mound with trench and pits as
per instructions.

Land mountainous and broken.

Growth scattering scrub.

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South between Secs. 7 and 12.

Variation 14° 12' East

- 15.00 To foot of hill bears NW
- 32.00 Opposite foot of hill
- 38.00 To Road leading from Lake Elizabeth to Cajon Pass,
bears N. 59 W.
- 40.00 Set a post charred and chalked for $\frac{1}{4}$ sec. cor. and
raised a mound with trench and pits as per instructions.
- 41.00 To foot of hill bears N. 65° W.
- 80.00 Set a post charred and chalked for cor. to Secs. 7, 12,
13, 18, and raised a mound with trench and pits as per
instructions.

Land generally rolling hills, 1st rate.
Growth grass and weeds.

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South between Secs. 13 and 18

Variation 14° 12' East

- 21.00 Foot of mountain bears E. and W.
- 40.00 Set a post near ravine for $\frac{1}{4}$ sec. cor. and raised a
mound with trench and pits as per instructions.
- Land broken. Soil 1st rate.

Here I find that it is not practicable to proceed
further owing to the broken nature of the mountains.

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From the cor. to Townships 6 and 7 North, Ranges 13
and 14 West, I run

West on a true line between Secs. 1 and 36

Variation 14° 12' East

Ascending mountain

- 40.00 Set a post charred and chalked for $\frac{1}{4}$ sec. cor. and
raised a mound of stone as per instructions.
- 80.00 Set a post charred and notched for cor. to Secs. 1, 2,
35 and 36, and raised a mound with trench and pits

as per instructions.

Land broken mountain, 3d rate

Growth scrub and grass

- - - - -

West between Secs. 2 and 35

Variation 14° 12' East

8.00 Summit of mountain descend smooth hills
39.00 To foot of mountain and enter valley bears N. 65° W.
40.00 Set a post charred and chalked for $\frac{1}{4}$ sec. cor. and
raised a mound with trench and pits as per instructions
54.00 To foot of hill, bears E. and W.
62.00 To opposite foot of hill bears NW
80.00 Set a post charred chalked and notched for cor. to Secs.
2, 3, 34 and 35 and raised a mound with trench and pits
as per instructions.
Land rolling hills, 1st rate.
Good grazing.

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T. 6 N., R. 13 W., San Bernardino Meridian

South between Secs. 9 and 10

Variation 14° 12' E.

x x x x x x x

80.00 Set a post charred, chalked, & notched for corner to
Secs. 9, 10, 15 & 16, and raised a mound with trench
and pits as per instns.

x x x x x x x

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South between Secs. 15 and 16

Variation 14° 12' E.

40.00 Set a post charred, chalked for $\frac{1}{4}$ sec. corner, and raised

a mound of trench and pits as per instructions

(mound of stone)

45.00 Foot of mountain and enter valley, bears N. 75 W.

69.00 To the road leading from Lake Elizabeth to Cajon Pass

80.00 Set a post charred, chalked and notched for corner to
Secs. 15, 16, 21 and 22, and raised a mound with trench
and pits as per instructions.

Land in mountainous, broken 3rd rate.

In valley slightly rolling and 1st rate, good for farming

Growth on mountains scrub, in valley grass.

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South between Secs. 4 and 5.

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

T. 6 N., R. 13 W., S. B. M.

x x x x

80.00 Set a post charred and chalked for corner to Secs. 4, 5,
8 and 9, and raised a mound with trench and pits as per
instructions.

Land rough, mountainous 3rd rate.

Growth a few scattering cedars etc.

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South between Secs. 8 and 9.

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

21.00 To summit of mountain, bears N. 70° W. and descend.

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

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

'Land mountainous and broken 3rd rate.

Growth scattering cedars and scrub.

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East on a random line between Secs. 9 and 16

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

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

80.26 Intersect N. & S. line 40 lks. S. of corner to Secs.

9, 10, 15 and 16, from which corner, I run

West on a true line between Secs. 9 and 16

Var. $14^{\circ} 29'$ E.

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

80.26 The corner to Secs. 8, 9, 16 and 17.

Land broken and mountainous, 3rd rate.

Growth scrub and scattering cedar.

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South between Secs. 16 and 17

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

27.00 To foot of mountain and enter valley bears N. 65° W.

T. 6 N., R. 13 W., S. E. M.

39.00 To Road from Lake Elizabeth to Cajon Pass bears N. 65° W.
and S. 65° E.

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

80.00 Set a post charred, chalked and notched for corner to
Secs. 16, 17, 21 and 20 and raised a mound with trench
and pits as per instructions.

Land slightly rolling in valley, good for farming,
purposes, on mountain broken 3rd rate

Growth in valley heavy grass

On mountains scrub.

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T. 6 N., R. 13 W., S. B. M.

East on a random line between Secs. 16 & 21

Var. 16° 12' E.

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

79.76 Intersect N. & S. line at corner to Secs. 15, 16, 21
& 22, from which corner I run

West on a true line between Secs. 16 and 21

Var. 14° 12' E.

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

79.76 The corner to Secs. 16, 17, 20 and 21

Land gently rolling black rich soil 1st. rate.

Heavy growth of grass, some scattering willows.

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South between Secs. 5 and 6

Var. 14° 12' E.

x x x x x x x

80.00 Set a post charred, chalked and notched for corner to
Secs. 6, 7, 5 and 8, and raised a mound with trench and
pits as per instructions.

Land broken, and mountainous 3rd rate.

Growth mountain scrub.

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East on a random line between Secs. 5 and 8

Var. 14° 12' E.

30.50 Abrupt and broken hills

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

80.46 Intersect N. & S. line 3/4 lks. S. of corner to Secs. 4,
5, 8 and 9,

From which corner, I run

West on a true line between Secs. 5 & 8

Var. 14° 27' E.

40.23 Here I find that I cannot establish the 1/4 sec. corner
owing to the precipitous nature of the ground, I proceed
to

49.96 Set a post charred, chalked for witness corner and raised
a mound from which A cedar 4 inch diam. bears N. 17 E.
19 lks. dist.

80.46 The corner to Secs. 5, 6, 7 & 8
Land abrupt & broken mountains.
Growth scattering cedars and scrub.

West on a random line between Secs. 6 and 7

Var. 14° 12' E.

40.00 Set temporary 1/4 sec. corner

77.00 To valley bears N. 72 W.

80.20 Intersect the W. boundary of the Township 40 lks. N.
of corner to Secs. 6 and 7, from which corner, I run
East on a true line between Secs. 6 & 7

Var. 14° 29' E.

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

80.20 The corner to Secs. 5, 6, 7 & 8
Land broken and mountainous
Growth scrub and a few cedars.

South between Secs. 7 and 8

Var. 14° 12' E.

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

T. 6 N., R. 13 W., S. B. M.

65.00 To foot of mountain and enter valley bears N. 70° W.
80.00 Set a post charred, chalked and notched for the corner to
Secs. 7, 8, 17 and 18, and raised a mound with trench and
pits as per instructions.
Land in valley generally rolling 1st rate.
On mountains broken and 3rd rate.
Growth scrub on mountain.
Valley heavy grass.

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East on a random line between Secs. 8 and 17

Var. 14° 12' E.

40.00 Set a post for temporary 1/4 sec. corner
79.98 Intersect N. and S. line 40 lks. S. of corner to Secs. 8,
9, 16 & 17, from which corner, I run
West on a true line between Secs. 8 and 17

Var. 14° 20' E.

39.99 Set a post charred and chalked for 1/4 sec. corner and
raised a mound with trench and pits as per instructions.
79.98 The corner to Secs. 7, 8, 17 and 18.
Land gently rolling hills 1st. rate.
Growth grass and weeds.

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West on a random line between Secs. 7 and 18

Var. 14° 12' E.

40.00 Set a post for temporary 1/4 sec. corner
80.00 Intersect the W. boundary of the Township 50 lks. S. of
corner to Secs. 7 and 18, from which corner, I run
East on a true line between Secs. 7 & 18

Var. 15° 51' E.

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

T. 6 N., R. 13 W., S. B. M.

a mound with trench and pits as per instructions.

80.00 The corner to Secs. 7, 8, 17 and 18
Land rolling black rich soil 1st rate.
Heavy growth of grass.

South between Secs. 17 and 18.

Var. 14° 12' E.

8.00 To the road from Lake Elizabeth to Cajon Pass bears
N. 80° W.

40.00 Set a post charred and chalked for the 1/4 Sec. corner and
raised a mound with trench and pits.

60.00 To foot of mountain, bears N. 85° W. and ascend.

80.00 Set a post charred and chalked and notched for corner to
Secs. 17, 18, 19 and 20, and raised a mound with trench
and pits as per instructions.
Land undulating, 1st rate good grazing and farming land.

East on a random line between Secs. 17 and 20

Var. 14° 12' E.

22.00 To valley bears N. 80° W.

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

79.80 Intersect N. & S. line at corner to Secs. 16, 17, 20
& 21, from which corner, I run
West on a true line between Secs. 17 and 20

Var. 14° 12' E.

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

79.80 The corner to Secs. 17, 18, 19 and 20.
Land rolling and smooth 1st rate.
Growth grass.

T. 6 N., R. 13 W., S. B. M.

West on a random line between Secs. 18 and 19

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

5.00 Here I find that it is not practicable to proceed further owing to the abrupt nature of the mountains and a dense growth of scrub, therefore I set a charred and chalked post for witness corner and raised a mound with trench and pits as per instructions and return to corner to Secs. 19 and 20.

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Surveyed by R.W. Morris, Deputy Surveyor,
Contract dated December 23, 1854.

Resurvey of the W. bdy. of T. 7 N., R. 13 W. S.B.M.

North on a true line between Sections 19 and 24.

x x x x x x

50.00 Set a granite stone 18 x 8 x 6 inches, 15 inches in the ground, for corner to Sections 13, 18, 19 and 24, marked with 3 notches on N. and S. edges; dig pits 18 x 18 x 12 inches in each section 5 ft. distant and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of corner.

x x x x x x

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North on a true line between Sections 13 and 18

Through brush; descend.

3.70 Old road in bottom of canon bears E. and W., course of canon E.

Ascend.

13.00 Top of ridge bears N. 80° E. and S. 80° W. 200 ft. above canon.

Descend rapidly.

Resurvey of the W. bdy. of T.6 N., R.13 W. S.B.M.

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

Land mountainous.

Soil 3rd rate.

No timber.

Undergrowth 38.84 chains of chaparral.

Mountainous land 39.84 chains.

June 24, 1901.

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Resurvey of the W. bdy. of T. 6 N., R. 13 W. S.B.M.

In order to locate an error in closing the lines around
Section 18, I resurvey the north one half of line between
Sections 13 and 18 x x x x

(From the cor. to Secs. 7, 12, 13 and 18)

Thence I run

South on a random line between Sections 13 and 18

39.85 To a point 34 links W. of 1/4 section corner

Thence I run

N. 0° 29' W. on a true line between Sections 13 and 18

Through brush, descend N. slope of brushy ridge.

10.00 Leave brush, bears, E. and W.

19.00 Foot of ridge, bears E. and W.; thence over rolling
ground.

34.35 Cross road, bears E. and W.

39.85 The corner to Sections 7, 12, 13 and 18

Land rolling, mountainous.

No timber.

Undergrowth 10.00 chains dense chaparral.

Mountainous land 19.00 chains.

Rolling land 20.85 chains.

June 28, 1901.

Subdivisions of T. 6 N., R. 13 W.

x x x x x

N. 0° 3' W. on a true line between Sections 19 and 20.

x x x x x x

82.50 Intersect S. boundary of Section 17 at a point S. 89°
32' E. 4.62 chains from the corner of Sections 17 and 18
and Set a granite stone 15 x 10 x 5 in ches, 10 inches
in the ground for closing corner of Sections 19 and 20

Subdivision of T. 6 N., R. 13 W.

x x x x x

marked CC on S. face; with 5 grooves on E. and 1 groove on W. faces; and raise a mound of stone, covered with earth, 4 ft. base, 2 ft. high S. of corner.

Note: Before setting this corner I rerun the line between Sections 17 and 20 and thus obtained the true bearing of said line.

I remove the marks from old corner of Sections 17, 18, 19 and 20 relating to Sections 19 and 20.

Land mountainous.

Soil second and third rate.

No timber.

Undergrowth 62.50 chains dense chaparral.

Mountainous land 70.00 chains.

Bottom land 12.50 chains.

June 26, 1901.

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Knowing that a closing corner for Sections 18 and 19 will have to be set on the W. boundary of the township I make the line between Sections 18 and 19 a true line. From the above mentioned section corner I run West on a true line between Sections 18 and 19 Through brush; ascend.

.50 Top of ridge, bearing W.

Thence along the N. brow of ridge.

16.00 Cross summit of same ridge, bears E. and N1 80° W.

Thence along S. slope.

17.50 Cross gulch, 10 links wide, course S. 60 ft., below ridge.

Ascend.

Subdivisions of T. 6 N., R. 13 W., S.B.M.

- 21.50 Summit of spur, bears S. 60 ft. above gulch, descend.
- 24.00 Cross gulch, 6 links wide, course S. 100 ft. below spur; ascend.
- 27.50 Spur, bears S. 100 ft. above gulch; descend.
- 30.20 Cross ravine, 10 links wide, course S. 100 ft. below spur; ascend.
- 36.25 Spur bears S. 120 ft. above ravine.
A dwelling house bears S. 44° W. about 10.00 chains.
Descend.
- 40.00 Set a granite stone 12 x 12 x 6 inches 10 inches in the ground for $1/4$ section corner, marked $1/4$ on N. face; and raise a mound stone, covered with earth, $3-1/2$ ft. base, 2 ft. high, N. of corner.
- 65.00 Enter canon, course S. 70° W.
Leave brush, bears N. and S. Thence up canon.
- 76.50 Intersect the W. boundary of the township 2.61 chains N. of the corner of Sections 13 and 24, T. 6 N. R. 14 W.
Set a porphyry stone 16 x 12 x 8 inches, 12 inches in the ground, for closing corner of Section 18 and 19, marked CC on E. face; with 3 notches on N. and S. faces; dig pits 24 x 24 x 12 inches cross wise on each line N. and S., 4 ft. and E. 6 ft. distant and raise a mound of earth, $3-1/2$ ft. base, 2 ft. high, E. of corner.
Land mountainous.
Soil third rate.
No timber.
Undergrowth 65.00 chains heavy chaparral.

June 27, 1901.

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Subdivisions of T. 6 N., R. 13 W., S.B.M.

I rerun the lines between Sections 17 and 20 and between Sections 20 and 21 in order to locate the error in closure of lines around Section 20.

From the corner of Sections 17, 18, 19 and 20, which is a post, 15 inches above ground 3 inches square, marked

T. 6 N. S. 17 on N.E.

R.13 W. S. 20 on S.E.

S.19 on S.W. and

S.18 on N.W. faces, I run

East on a random line between Sections 17 and 20

40.00 Being unable to find any trace of 1/4 section corner, I set temporary 1/4 section corner.

80.70 To a point 65 links N. of the corner of Sections 16, 17, 20 and 21, which is a post 3 inches square, whole length in mound of earth, 1 ft. high, 3 ft. base; no marks on the post. I remove the post and

Set a quartz stone 12 x 8 x 6 ins., 10 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;

Thence I run

N. 89° 32' W. on a true line between Sections 17 and 20 over rolling and broken ground; ascend.

8.00 School house, bears N. about 70 links distant.

20.00 Cross wire fence, bears N. and S.

40.00 Cross wire fence, bears N. and S.

40.35 Set a granite stone 16 x 8 x 6 inches, 12 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.

Resurvey of Subdivisions T. 6 N., R. 13 W., S.B.M.

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

x x x x

Ascend rapidly.

44.00 Top of spur bears N.E. 300 ft. above section corner;
descend.

51.00 Cross dry wash, 20 links wide, course N. 70 ft. below
spur, ascend.

51.75 Road, bears N. and S.

Baysler dwelling house bears S. about 20 chains.

80.70 The corner to Sections 17, 18, 19 and 20.

Land mountainous.

Soil second rate.

No timber.

Mountainous land 40.70 chains.

Rolling and broken ground, 40.00 chains.

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Note: I rerun the north and east boundaries of
Sections 18, in order to locate error in closing of
lines around said section.

x x x x x

North on a random line between Sections 17 and 18.

40.00 To old 1/4 section corner where I find trace of mound and
pits, the post is missing. Reestablish the corner as
follows:

Set a granite stone 20 x 10 x 6 inches, 15 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. dis-
tant, and raise a mound of earth, 3-1/2 ft. base, 1-1/2 ft.

Resurvey of Subdivisions T.6 N., R.13 W. S.B.M.

high W. of corner.

- 79.70 Intersect the corner of Sections 7, 8, 17 and 18,
which is a post 12 inches above ground 3 inches square
marks obliterated.

I remove post and reestablish the corner at the same
point as follows:

Set a granite stone 20 x 10 x 8 inches, 15 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;
dig pits 18 x 18 x 12 inches in each section, 6 ft.
distant and raise a mound of earth, 4 ft. base, 2 ft.
high, W. of corner.

Thence I run

South on a true line between Sections 17 and 18
Over rolling hills; ascend.

- 15.25 Road from Elizabeth Lake, to Palmdale, bears E. and W.
20.12 Cross wire fence bears E. and W.
28.20 George Groove's dwelling house, bears W. about 100 links
distant
39.70 The 1/4 section corner
40.25 Cross wire fence bears E. and W.
51.00 Cross wire fence bears E. and W.
54.45 Cross yard fence bears E. and W.
54.75 Andrade's dwelling house bears W. 35 links distant
55.50 Cross yard fence bears E. and W.
60.20 Cross dry wash, 2 ft. deep, 20 links wide, course N.E.
63.25 Center of dry wash, 2 ft. deep, 50 links wide, course
N. 30° E.
63.70 Begin steep ascent of ridge, bears E. and W.
Enter heavy brush bears E. and W.

Resurvey of Subdivision of T. 6 N., R. 13 W., S.B.M.

N. 30° E.

63.70 Begin steep ascent of ridge, bears E. and W.

Enter heavy brush bears E. and W.

79.70 The corner of Sections 17 and 18

Land mountainous and rolling

Soil first and second rate

No timber.

Undergrowth 16.00 chains dense chaparral.

Mountainous land, 16.00 chains.

Rolling land 63.70 chains.

June 27, 1901.

x x x x x

Thence I run

West on a random line between Sections 7 and 18

39.80 To a point 182 links N. of 1/4 section corner, which is a greatly decayed post in mound of stone, 3 ft. base 1-1/2 ft. high, I remove post and

Set a granite stone 14 x 8 x 8 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, 3-1/2 ft. base 1-1/2 ft. high N. of corner.

The true bearing of line to this 1/4 section corner is S. 87° 23' W.

From 1/4 section corner I continue on random line.

76.40 Counting from section corner to a point 2.08 chains N. of the corner of Sections 7, 12, 13 and 18, on the W. boundary of the township, which is a post 3 inches in diameter 12 inches above mound of stone, 4 ft. base

Resurvey of Subdivisions of T. 6 N., R.13 W., S.B.M.

2 ft. high, marked T. 6 N. R.14 W. S. 7 on E. and T.6 N. R. 14 W. S.12 on W. sides, I set a granite stone 20x12x4 inches, whole length in mound of stone alongside of post, marked with 4 notches on S. and 2 notches on N. edges; from this corner a dwelling house bears S.E. about 10.00 chains. Thence I run N. 86° 45' E. on a true line between Sections 7 and 18. Descend gradually.

11.40 Cross dry wash, 20 links wide, course S. 50° E. Ascend.
 35.00 Cross ravine, 1 ft. deep 5 links wide, course S.
 36.66 The 1/4 section corner. Thence I run N. 87° 23' E. on a true line between Sections 7 and 18.
 .84 Cross point of spur bear N. and S. Descend gradually to
 10.34 Bottom of depression bears N. 50° E. and S. 50° W. Ascend
 18.00 Foot of spur bears N. and S. Ascend rapidly.
 20.50 Top of spur, bears N. Descend.
 39.84 The corner of Sections 7, 8, 17 and 18. Land mountainous. Soil second rate. No timber. Mountainous land 76.50 chains.

June 28, 1901.

George W. Pearson,

U.S. Deputy Surveyor.

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

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 cedar scrub, bears E. and W.
 34.00 Leave cedar scrub, bears NW
 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 and chalked and notched for corner to Secs. 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 scrub.
 Some grass on mountain, in valley heavy grass.

East on a random line between Secs. 1 and 12

Var. 14° 12' E.

40.00 Set a post for temporary 1/4 sec. corner
 48.00 To the road leading from Lake Elizabeth to Cajon Pass bears N. 75° W.
 80.00 Intersection the E. boundary of the Township 10 lks. N. of

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

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 the 1/4 sec. corner and raised a mound with trench and pits as per instructions.

80.00 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.

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 Leave valley and enter rough hills.

80.00 Set a post charred and chalked and notched for the corner to Secs. 11, 12, 13 and 14, and raised mound with trench and pits as per instructions. Land rolling hills; 1st 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.

80.51 Intersect the E. boundary of the Township 60 links 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.

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

80.51 The corner to Secs. 11, 12, 13 and 14. Land rolling, soil 1st rate. Growth grass and weeds.

South between Secs. 13 and 14. Var. 14° 12' E.

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

42.00 Foot of abrupt mountain bears S. 85° W.

66.00 Here I find that I cannot continue any further owing to the rough 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 Secs. 13, 14, 23 and 24. Land broken hills, 3rd rate. Growth, scattering scrub, etc.

South between Secs. 2 and 3. Var. 14° 12' E.

18.00 To the road leading from Lake Elizabeth to Cajon Pass bears NW

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; raised a mound with trench and pits as per instructions. Land rolling 1st rate. Growth scattering cottonwood and willows.

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 cotton wood and willows;

20.00 Leave same.

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

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 a true line between Secs. 2 and 11. Var. 14° 55' E.

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

79.64 mound with trench and pits as per instructions.
The corner to Secs. 2, 3, 10 and 11. Land 1st rate, slightly rolling. Growth cottonwood and willows.

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

N. 0° 1' W. between Sections 23 and 24.

80.00 Set quartz stone 20 x 16 x 5 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 raised a mound of stone covered with earth, 4 ft. base, 1-1/2 ft. high W. of corner. Land mountainous, etc.

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, Descend.

35.60 Gulch 18 links wide, course N. 50° W. Ascend.

39.82 1/2 Set a granite stone 15 x 10 x 5 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, 3-1/2 ft. base, 1-1/2 ft. high W. 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. 80 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 14 and 15.

x x x x x x x x

80.00 Set a granite stone 18 x 8 x 4 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
x x x x x x x x

Knowing that a 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 cor. to Secs. 10, 11, 14 and 15 I run S. 89°58' E. on a

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

1.55 true line between Sections 11 and 14. Through brush; descend.
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 Mica stone 16 x 8 x 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, 3-1/2 ft. base, 1-1/2 ft. high N. of corner. This witness 1/4 section corner is 1/22 chains S. 89° 52' E. from true point for 1/4 section corner. Descend abruptly over E. slope of mountain.

54.20 Cross gulch, 4 ft. deep, 20 links 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 16 x 8 x 6 inches, 12 inches in the ground for closing corner to Sections 11 and 14, marked CC on W. with 4 grooves on S. and 2 grooves on N. faces; 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. No timber. Undergrowth 77.80 chains dense chaparral. Mountainous land. 77.80 chains. 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 Sections 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 15 x 8 x 5 inches, 12 inches in the ground for 1/4 section corner, marked 1/4 on W. face; and raised 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. and ascend.

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 13 x 10 x 8 inches 10 inches in the ground for closing corner of sections 10 and 11, marked CC 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 marks from the old corner of Sections 2, 3, 10 and 11, relating to Sections 10 and 11. Land mountainous. Soil third rate.

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

No timber. Undergrowth 72.03 chains dense chaparral.
Mountainous land 78.63 chains.

July 11, 1901.

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

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 rerun the line. I find traces of the old mound at the corner of Sections 11, 12, 13 and 14, and reestablish 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 to Sections 11, 12, 13 and 14; marked with 4 notches on S. and 1 notch on E. edges; and raised a mound of stone covered with earth 4 ft. base, 2 ft. high W. of corner.

X X X X X X X

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.
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 raised 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.
78.60	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 0 0 on W. with 1 groove on E. and 5 grooves on W. face, dig 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.; enter brush. Ascend rapidly.
38.60	The 1/4 section corner. Land mountainous. Soil second rate. No timber. Undergrowth 762.60 chains dense chaparral and sage brush. Mountainous land 62.60 chains; rolling land 16.00 chains. 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

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

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 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, 3-1/2 ft. base, 1-1/2 ft. high N. of corner
51.20 Road bears NW and SE
72.65 Road bears NW and SE
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.

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 cor. to Secs. 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 reestablish 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.
79.85 To a point 18-1/2 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. Reestablish this cor-
ner at the same point as follows: Set a sand stone 18 x 10
x 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°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. 80° 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 NE and SW
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.
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.

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

31.00 Spur bears S. 80° E. 60 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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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 Foot 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.
 29.50 Cross dry wash 8 links wide, course SE. ascend.
 41.09 1/2 Set a granite stone 24 x 10 x 8 inches, 18 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, 3-1/2 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 SE
 78.50 Cross dry wash, 8 ft. deep 20 links wide, course SE
 82.19 The corner of Sections 1, 2, 11 and 12. Land rolling and mountainous. Soil first and second rate. 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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Surveyed by George W. Pearson, Deputy Surveyor,

Contract dated April 8, 1901.