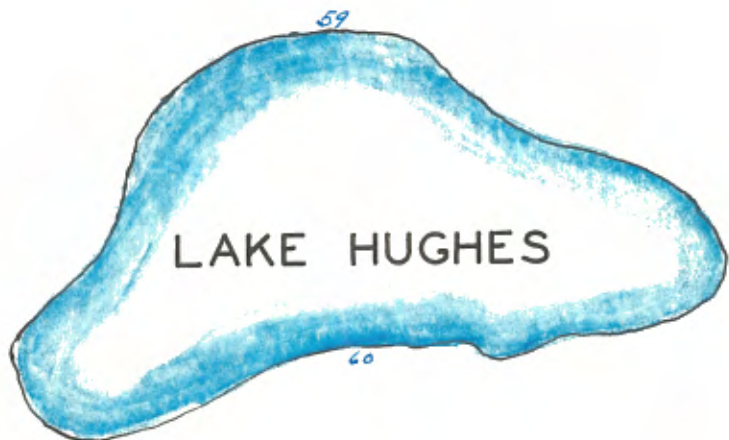


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	R.15W.								
	6	¹⁴ 5	¹² 4	⁹ 3	⁶ 2	² 1			
	₁₆	₁₅	_{11 13}	_{10 11}	₆	₁			
	7	⁵⁸ 8	⁴⁵ 9	³⁶ 10	⁸ 11	³ 12			
	₅₇	₅₇	₄₄	₃₅	_{8 9}	₃			
	18	⁵² 17	⁴⁰ 16	³¹ 15	²⁸ 14	⁴ 13			
	₅₅	₅₃	₄₂	₃₃	₂₇	₅			
	19	⁵³ 20	⁴⁸ 21	³³ 22	²⁵ 23	²² 24			
	₅₂	₅₀	₄₁	_{31 32}	₂₄	_{21 20}			
	30	⁴⁸ 29	⁴⁰ 28	³⁰ 27	²³ 26	²⁰ 25			
	₄₇	₄₆	₃₉	₂₉	₂₃	_{18 19}			
	31	⁴² 32	³⁸ 33	²⁹ 34	²² 35	¹⁸ 36			
						₁₇			
	R.15W.								

T.7N.

T.7N.



FOR MEANDER OF LAKE HUGHES SEE PGS 59 & 60

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

Chains

As already stated in describing the retracements of Exterior line, no original corners of the Subdivisions of this township which were run by Deputy R.W. Norris, can now be discovered, and it becomes necessary to retrace the lines established in the former surveys to restore those corners upon which to close, in completing this township.

I therefore make the following retracements.

From the established corner to Secs. 1, 2, 35 and 36, in the North boundary of this twp., already described, I run S. $0^{\circ}26'$ E. (parallel to the East bdy. of Sec.1 as formerly established) on a random line between Secs. 1 and 2;

Va. $14^{\circ}45'$ E.

40.00 Set temporary $\frac{1}{4}$ Sec.cor; am unable to find any trace of old corner.

80.00 Set temp.cor. to Secs.1,2,11 and 12; am unable to find any trace of old cor.

Thence I sight a flag at the established cor.to Secs. 1 and 12 in the East bdy. of the twp. and run for it, N. $89^{\circ}24'$ E. on a random line bet. Secs. 1 and 12; Var. $14^{\circ}50'$ E. Change of Va. is due to local causes.

40.00 Set temp. $\frac{1}{4}$ Sec.cor.; am unable to find any trace of the old cor.

80.14 Intersect the E. cor. to Secs.1 and 12, already described. The distance given in the field notes furnished me is 79.90 chs; having found the N. bdy. of this Sect. 80.12 chs. for the original 80.00 chs. I will give this Sect. line proportionate length, viz. 80.02 chs.

Hence I run

S. $89^{\circ}24'$ W. retracing the true line bet. Secs. 1 and 12.

Va. $14^{\circ}45'$ E.

Over level ground now in grain.

19.00 Old stage road to Ft. Tejon - brg. N.W.

40.01 Set a pine post 4 ft. long, 3 ins. sq. with charred point $1\frac{1}{2}$ ft. in the ground, to restore the $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on S. and N. face, dug pits $18 \times 18 \times 12$ ins. E. and W. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post; from which the house of Harry Billings, settler on N.E. $\frac{1}{4}$ sec. 12, bears S. $66^{\circ}40'$ E. 6.21 chs. dist.

80.02 Set a granite stone $24 \times 6 \times 4$ ins. 18 ins. in the ground to restore the cor. to Secs. 1,2, 11 and 12; marked with 1 notch on the E. and 5 notches on the S. edges; dug pits $18 \times 18 \times 12$ ins. in each sect. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base alongside; from which the house of B.F. Billings, a settler on the S.E. $\frac{1}{4}$ of Sec. 2, brs. N. $0^{\circ}25'$ E. 8.00 chs. dist. and the house of Thompson, on the N.W. $\frac{1}{4}$ sec. 12, brs. S. $11\frac{1}{4}^{\circ}$ E. 27.00 chs. dist.

Land, level prairie.

Soil, loam, 1st. rate.

No timber or brush.

Subdivisions T. 7 N., R. 15 W., S.B.M.
(Retracements)

Over level ground now in grain.

Var. 14°45' E.

19.00 Old stage road to Ft. Tejon - brg. N.W.
40.01 Set a pine post 4 ft. long, 3 ins. sq. with charred point 1½ ft. in the ground, to restore the $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ S. on N. face dug pits 18x18x12 ins. E. and W. of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base around post, from which the house of Harry Billings, settler on N.E. $\frac{1}{4}$ sec. 12, bears S. 66°40' E. 6.21 chs. dist.

80.02 Set a granite stone 24x6x4 ins. 18 ins. in the ground to restore the cor. to Secs. 1, 2, 11 and 12; marked with 1 notch, on the E. and 5 notches on the S. edges; dug pits 18x18x12 ins. in each sect. 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base alongside; from which the house of B.F. Billings, a settler on the S.E. $\frac{1}{4}$ of Sec. 2, brs. N. 0°25' E. 8.00 chs. dist. and the house of Thompson, on N.W. $\frac{1}{4}$ Sec. 12, brs. S. 11½° E. 27.00 chs. dist.

Land, level prairie.
Soil, loam, 1st. rate.
No timber or brush.

The last corner is 12 lks. (80.14-80.02 chs.) East of the temp. cor. marked on the random lines;

Hence I run

N. 0°31' W. to retrace the line bet. Secs. 1 and 2;
Var. 14°50' E.

Over rolling prairie.

6.00 Descend into valley, brg. N.E. -50'
33.50 Old road to Ft. Tejon, brg. N.W.
38.00 Road now traveled " " "
40.00 Set a post 4 ft. long, 3 ins. sq. with charred point 18 ins. in the ground to restore $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face; dug pits 18x18x12 ins. N. and S. of post 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base around post.

80.00 The cor. to Secs. 1, 2, 35 and 36.
Land, rolling prairie.
Soil, loam, 1st rate.
No timber or brush.

March 27, 1890.

From the said cor. to Secs. 1, 2, 11 and 12, I run S. 0°26' E. parallel to the E. bdy. of Secs. 12) on a random line bet. Secs. 11 and 12.

Var. 14°50' E.

Subdivisions T. 7 N. R. 15 W. S. B. M.
(Retracements)

- 40.00 Set temp. $\frac{1}{4}$ sec.cor.; we find a stake of pine 16 ins.long, 2 ins.dia. heart wood quite sound marked $\frac{1}{4}$ S. lying on the ground "afloat" some distance away.
- Am unable to find any trace of its original position. It appears to have been moved about by the foot of stock for many years pasturing here, and which have trodden out all signs of mound and pits.
- 80.00 Set temp. cor. to Secs. 11, 12, 13 & 14. Am unable to find any trace of the old corner.
- Thence I run
N. $89^{\circ}24'$ E. (parallel to the N.bdy. of Sec.12) on a random line bet. Secs. 12 and 13. Var. $14^{\circ}45'$ E.
- 40.00 Set a temp. $\frac{1}{4}$ sec.cor; am unable to find any trace of old cor.
80.00 Intersect the E. bdy. of the twp. in the cor. to Secs.12, 13, 7 and 18, already described, whence I run S. $89^{\circ}24'$ W. re-tracing the true line bet. Secs. 12 and 13. Var. $14^{\circ}45'$ E.
- Over rolling prairie.
- 40.00 Set a granite stone $33 \times 12 \times 5$ ins. 24 ins. in the ground, to restore the $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ on N. face dug pits $18 \times 18 \times 12$ ins. E. and W. of stone, $5\frac{1}{2}$ ft. dist. and raised a mound of earth and stones 2 ft. high 4 ft. base alongside.
- 80.00 Set a granite stone $18 \times 6 \times 5$ ins. 12 ins. in the ground, near top of easterly slope of a hillock, to restore the cor. to Secs.11,12,13 & 14; marked with 1 notch on the E. and 4 notches on the S. edges; dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high and $4\frac{1}{2}$ ft. base alongside.
- Land, rolling, and some parts stony.
Soil, loam-first rate.
- No timber or brush.
-
- N. $0^{\circ}26'$ W. retracing the true line bet. Secs. 11 and 12. Var. $14^{\circ}45'$ E.
- Descend rolling ground.
- 8.00 Into bottom of Hugh's Canon; -30
- 25.00 Cross stream 10 lks. wide, at present time, the creek of Hugh's Canon, course N. of E.
- 40.00 Set a granite stone $22 \times 9 \times 4$ ins. 16 ins. in the ground to restore the $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; dug pits $18 \times 18 \times 12$ ins., N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside. Also set the old $\frac{1}{4}$ sec. post against the W. side of the stone.
- 41.00 Foot of bluff brg. E. & W.; leave bottom ascend steep hillside.
45.00 Top of bluff; enter level prairie; +100'
80.00 The cor. to Secs. 1, 2, 11 and 12.
Land, level and rolling.

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

Soil, loam - 1st. rate.
No timber or brush.

March 28, 1890.

From the said corner to Secs. 11, 12, 13 and 14, I run S.0°26'
E. (parallel to E. bdy. of Secs. 13) retracing the true line bet.
the N. $\frac{1}{4}$ of Secs. 13 and 14; Va. 14°45' E.

Over rolling prairie.

- 10.00 Cross ridge E. & W., and descend into valley of Mesa Pass Canon,
brg. N. of E.
- 12.40 Foot of slope.
- 21.20 Dry arroyo of the canon, course E.N.E., 15 lks. wide. -75
- 24.00 Leave prairie, ascend brushy hills.
- 36.00 Top of spur brg. E. & W. +60
- 40.00 Am unable upon diligent and repeated searches to find any trace
of the old corner.

Set a granite stone 20x6x5 ins. 15 ins. in the ground on an E.
slope 40 lks. W. of the arroyo bottom of a ravine crs. N., restore
the $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; from which-

A stem 4 ins. diam. of a stool white oak, brs. N. 47 $\frac{1}{2}$ ° W. dist.
16 lks., marked $\frac{1}{4}$ S.B.T. dug pits 18x18x12 ins. N. and S. of
stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$
ft. base alongside.

Apr. 2, 1890----- May 14, 1898.

I am instructed by the Sur. Gen. to complete Sec. 13, by prolong-
ing this line in above course another full 40.00 chs. which I do
as follows -

- 48.50 Ridge brg. W. +70'
- 54.50 Ridge brg. W. +40'
- 70.00 Deep stony ravine, crs. N.W. soon N. -75'
- 72.50 Top of spur brg. N.W. +80'
- 78.75 Ravine crs. W. soon N. -50
- 80.00 Set a stone 19x6x5 ins. 15 ins. in the ground on N. slope for cor.
to Secs. 13 and 24, marked 1 notch on E. and 3 notches on S. edges;
raised a mound of stones 2 ft. high 2 $\frac{1}{2}$ ft. base at east side.

Land, rolling and hilly.
Soil, 1st and 2nd rates.

No timber; a few stool oaks, with greasewood brush over S. 56.00
chs. 24 chs. mountainous and brushy lines.

East on a random line bet. Secs. 13 and 24.

Var. 14°45' E.

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

Subdivisions T. 7 N. R. 15 W. S.B.M.

80.10 Intersect the E. bdy. of the twp. at 70 lks. S. 0°26'E. of the established corner for Secs. 7, 13, 18 and 24, already described:

Set a stone 24x8x8 ins. 18 ins. in the ground, on an E. slope for the (East) closing corner bet. Secs. 13 and 24, according to the special instructions from the Surv. Gen. - marked 3 notches on N. and S. faces, and G.C.R. 15 on the W. face; raised a mound of stones 2 ft. high 3 ft. base at W. side of corner.

Thence I run-
West, on the true line bet. Secs. 13 and 24. Var. 14°45' E.
Over hilly and broken lands;
Ascend thro' heavy brush.

6.00 Top of ridge brg. N. and S. leave brush, enter prairie. +50
brg. N. and S. general slope to N.W.

9.50 Ravine, crs. N.W.

14.50 Ridge, brg. N. and S.

33.00 Leave prairie brg. N. and S. near its S.W. angle; re-enter -25'
brush, at brow of descent into canon.

35.00 Cross a wire fence, brs. N. and S.

38.00 Bottom of stony ravine crs. N.W. 50 lks. wide. -70'

40.05 Set a stone 18x9x4 ins. 12 ins. in a mound of earth. +25'
and stones, (on the N. point of rocky spur, at about 3.50 chs.
S. of junction of arroyos; thence running N.) for $\frac{1}{4}$ sec. corner
marked $\frac{1}{4}$ on W. face, and raised a mound of stones $1\frac{1}{2}$ ft. high,
3 ft. base alongside.

Along a rolling hillside up a valley.

66.00 Ridge brg. N. and S. +80'
Over rolling hilltop.

80.10 The W. cor. to Secs. 13 and 24.
Land, hilly and broken.
Soil, 1st, 2nd and 3rd rates.
No timber, oak and greasewood brush.
53.60 chs. mountainous brushy lines.

July 9, 1898.

From the established corner to Secs. 2, 3, 34 and 35 in the N. bdy. of the twp., already described, I run S. 0°26'E. (parallel to the E. bdy. of the twp.) on a random line to retrace the bdy. bet. Secs. 2 and 3.

Var. 14°45' E.

40.00 Set temp. $\frac{1}{4}$ sec. cor. am unable to find any trace of the old cor.

80.00 Set temp. cor. to Secs. 2, 3, 10 and 11.

Am unable to find any trace of the old corner; thence N. 89°23' E. (parallel to N. bdy. of Sec. 2) on a random line to retrace the bdy. between Secs. 2 and 11; Va. 15°10' E.

40.00 Change of va. due to unknown local causes.

Set a temp. $\frac{1}{4}$ sec. cor., am unable to find any trace of the old corner.

80.35 Fall $\frac{1}{8}$ lks. S. of the established corner to Secs. 1, 2, 11 and 12.

Subdivisions T. 7 N. R. 15 W. S.B.M.
(Retracements)

The length of the S.bdy. of Sec. 2 is given in the original survey as 80.16 chs., the N. bdy. of the sect. as retraced is found to be 80.12 chs. for 80.00 chs; I give the S. bdy. the proportionate length - 80.28 chs.

Hence I run thence -

S. 89°20'W. retracing the true line between Secs. 2 and 11
Va. 14°50' E.

Over level prairie.

21.00 Enter valley from W.S.W. crs. N.E. -60'

29.00 Leave valley at junction of arroyo from the N.W. ascend rolling and hilly prairie.

40.14 Set a granite stone 22x8x6 ins. 18 ins. in the ground on a slope facing S.E. towards the Fairmont Land Company's Reservoir about 12.00 chs. dist., to restore the $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; dug pits 18x18x12 ins. E. and W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

42.00 Top of hill brg. N. and S. about 200 ft. above the Antelope Valley.

63.00 Ridge of spur brg. N.E. +100

79.00 In a valley descending northerly. -20

80.28 Set a granite stone 18x6x5 ins., 13 ins. in the ground near foot of slope facing E.N.E., to restore the cor. to Secs. 2, 3, 10 and 11; marked with 2 notches on the E. and 5 notches on the S. edges; dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ base alongside.

Land, level and hilly prairie.

Soil, loam, 1st rate.

No timber; very little brush.

The last corner is 7 links E. of the temporary corner of my random course; hence I run thence -

North 0°28'W. retracing the true line bet. Secs. 2 and 3;
Va. 15°10'E.

Over rolling Mt. side, descending to Antelope plains.

30.00 Foot of steeper slopes into a valley, course N.N.E. -300'

40.00 Set a granite stone 18x6x5 ins. 13 ins. in the ground at W. side of the valley, to restore the $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; dug pits 18x18x12 ins. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.

Over rolling ground.

80.00 The cor. to Secs. 2, 3, 34 and 35.

Land, hilly and rolling prairie.

Soil, mostly loam 1st. rate.

No timber or brush.

30.00 chs. mountainous lines.

March 27, 1890.

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

From the established cor. to Secs. 11, 12, 13 and 14 already described, I run S. $89^{\circ}23'$ W. (parallel to the N. bdy. of the township) retracing the E. $\frac{1}{2}$ mile bet. Secs. 11 and 14;

Va. $14^{\circ}45'$ E.

	Over rolling prairie.	
12.25	Into valley crs. N.E.	-60'
19.00	Top of ridge brs. N.N.E.	+50'
23.50	Ravine, crs. N.E.	-60'

Retracement

24.75	Ridge brg. N.W.	+25'
28.00	Ravine, crs. N.E.	-30'
28.75	Trail brg. N.E. whence about 3.00 chs. S. to Pierson's hse. (1898)	
33.00	Ridge brg. N.	+40'
37.50	Arroyo in valley crs. N.	-25'
40.00	Am unable to find any trace of the old corner.	

40.06 Make this $\frac{1}{2}$ mile proportionate to the length of the Secs. in the N. bdy. of the township; and set a stone $15 \times 6 \times 6$ ins. 12 ins. in the ground on W. slope, to restore the $\frac{1}{4}$ sec. cor. bet. Secs. 11 and 14; marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins. E. and W. of a stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth alongside, $1\frac{1}{2}$ ft. high, x $3\frac{1}{2}$ ft. base. Apr. 2d, 1890.

From the established cor. to Secs. 2, 3, 10 and 11, I run S. $0^{\circ}26'$ E. (parallel to E. bdy. of the twp.) on a random line bet. Secs. 10 and 11, to complete the Sec. 11. Va. $15^{\circ}10'$ E.

40.00	Set temp. $\frac{1}{4}$ S. cor.
80.00	Set temp. cor. to Secs. 10, 11, 14 and 15;
	Thence

N. $89^{\circ}23'$ E. (parallel to N. bdy. of the twp.) on a random line bet. the W. $\frac{1}{2}$'s of Secs. 11 and 14;

Va. $14^{\circ}55'$

40.16 Change of Va. due to local causes. Fall 12 links S. of the established $\frac{1}{4}$ sec. cor; whence I run S. $89^{\circ}18'$ W on the true line of W. $\frac{1}{2}$ mile bet. Secs. 11 and 14. Va. $14^{\circ}50'$ E.

2.00	Top of spur brg. N.	+20'
5.50	Foot of hills	-50'
6.00	Enter bottom of Hugh's Canon, crs. N.E.	
7.75	Enter crk. bottom or wash 50 lks. wide, 6 ft. deep Crs. N.E.	
8.50	Leave prairie and ascend brushy hills- with scattering pines	
19.00	Top of broad spur, brg. N.E.	+50'
	Over a slight valley and	-10'
22.75	Top of spur brg. N.E. descend	+20'
28.00	Mouth of gully from S. into a deep ravine from W.N.W. crs. N. of E.	-30'

Subdivisions T. 7 N. R.15 W. S.B.M.

33.90 Arroyo of branch ravine crs. N.E. ascend point of spur and along a rocky ridge brg. E. and W. -10

38.15 Top of hillock on ridge. +100'

39.50 Cross ravine loose rocks.

40.06 At proportionate distance to conform to measurements in N.bdy. of the twp., set a stone 18x6x5 ins., 12 ins. in the ground, and a mound of stones (in a sag in the narrow ridge or spur brs.east); for cor. to Secs.10,11,14 and 15; marked with 2 notches on the E. and 4 notches on the S. edges; from which -

A pine 10 ins. diam. brs. S.49½° W.66 lks.dist.marked T.7 N., R.15 W., S. 15 B.T.

A + and B.R.cut on top of a rock in place 4 ft. high 6x4 ft. dimensions out of ground, in a ledge of shattered rocks, brs. S.64¼° E. 53 lks. dist.

Land, rolling, hilly and rough.

Soil, of the prairie loam- 1st. rate; of the stony hills, 2nd. and 3d. rates.

Timber, scattering pines W. of Hugh's Canon with brush in this part.

31.56 mountainous and brushy lines.

This last corner is 10 lks. E. of the temporary cor. on the random lines; hence I run -

N. 0°29' W. on the true line between Secs. 10 and 11;
Va. 14°55' E.

Descend - in scattering pines.

2.00 Bottom of ravine crs. S. of E. -70'

Ascend stony hills.

5.00 Spur, brg. S.E. +80'

12.50 Ravine, crs. S.E. -40

13.50 Low spur brg. S.E. +25

20.00 Ravine crs. S.E. -15

25.00 Spur brg. S.E. and over rolling and warped surface +75

34.00 Along ascending ridge.

40.00 Set stone 16x8x6 ins. 12 ins. in the ground, for ¼ sec. cor.; marked ¼ on W. face, from which- +75'

A pine 14 ins.diam.brs.N.11¼° E 27 lks.dist.marked ¼ S.B.T.

A pine 18 ins.diam.brs.S.63° W.37 lks.dist.marked ¼ S.B.T.

41.50 Leave scattering pines, thence over rolling prairies;

59.00 Road (1898) E. and W. along summit of Mt.

68.00 Cross rill of a spring of the Fairmont Land Water Co's Reservoir claims; Crs. E.N.E. in a narrow valley about 30 ft. deep.

80.00 The cor. to Secs. 2, 3, 10 and 11.

Land, rolling and hilly.

Soil, N. 50 chs. 1st. rate; the S. part 2d. and 3d. rate.

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

Timber, scattering pines on the S. $\frac{1}{2}$ mile, which from time to time are being destroyed by fire.

40.00 chs. mountainous and brushy lines.
(Apr. 2d. 1890).

July 21, 1898.

From the established cor. to Secs. 3, 4, 33 and 34 in the N. bdy. of the twp. (already described) I run S. $0^{\circ}26'$ E. (in the course of the E. bdy. of the township) retracing the true line of the N. $\frac{1}{2}$ mile bet. Secs. 3 and 4. Var. $14^{\circ}45'$ E.

Over rolling prairie.

40.00

Am unable to find any trace of the old corner, and set a granite stone $20 \times 8 \times 4$ ins. 14 ins. in the ground, near the foot of the mts., on a low foot hill ridge, extending E. of N. to restore the $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; dug pits $18 \times 18 \times 12$ ins. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth and stones 2 ft. high $3\frac{1}{2}$ ft. base, alongside, from which

A pine 4 ft. diam. at the brow of a high slope, facing N. brs. S. $41\frac{1}{2}^{\circ}$ E. 5.25 chs. dist.

The house of Miss E.F. Billings, settler on N.E. $\frac{1}{4}$ sec. 4, bears N. $73\frac{1}{2}^{\circ}$ W., 27.00 chs. dist.

Apr. 4, 1890.

I am instructed by the Surveyor Gen. to complete Sec. 3 by prolonging this line in above course another 40.00 chs. which I find as follows:

Ascend rolling hills.

53.50	Top of spur brg. N.E. descend.	+125'
55.00	Enter scattering pines, leave prairie brg. E. and W.	
59.00	Cross an arroyo crs. E. 15 lks. above junction.	
61.30	Cross arroyo in bottom of valley,	-40'

crs. E. of N. soon N. and passes thro' a gorge of boulders. Ascend through brush.

66.00	Ridge brg. N.E.	+60'
70.20	Arroyo crs. N.E.	
75.25	Arroyo crs. N.N.E., ascend.	

80.00 Set stone $22 \times 9 \times 6$ ins. 15 ins. in the ground at the top of a ridge brg. N.N.E., for the W. cor. to Secs. 3 and 10; marked with 3 notches on the E. and 5 notches on the S. edges; from which-

A pine 18 ins. diam. brs. N. $89\frac{1}{2}^{\circ}$ W. 75 lks. dist. marked T. 7 N. R. 15 W., S. 4, B.T.

A pine 24 ins. dia. brs. S. 64° W 96 lks. dist. marked T. 7 N., R. 15 W., S. 4 B.T.

No other trees available.

(Land, rolling and hilly).

Soil, 1st. and 2nd. rates-some stony on the hills.

Timber, scattering pines on the hills; also a few manzanitas and some brush.

40.00 chs. mountainous and brush lines.

April 4, 1890.

Last $\frac{1}{2}$ mile measured on last date. 9.

July 22, 1898.

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

East, on a random line bet. Secs. 3 and 10; (parallel to S.bdy. of the twp. as specially instructed).

Va. 15°05'E.

Change of Va. due to local causes.

40.00

Set temp. & sec. cor.

50.30

Intersect the W. line of Sec. 11 at 66 links S. 0°29'E. of the cor. to Secs. 2 and 11; and set a stone 24x9x6 ins. 18 ins. in the ground for (East) closing corner to Secs. 3 and 10, marked with 2 notches on E. 5 notches on S. and 1 notch on the N. face, and C.C. on the W. face, dug pits 18x18x12 ins., N.W. and S. of stone, 5½ ft. dist. and raised a mound of earth 1½ ft. high, and 4 ft. base at W. side.

Thence I run

West on the true line bet. Secs. 3 and 10; Va. 15°10' E.

Over rolling prairie on Mt. top.

1.75

Top of spur brg. N.N.W.

+25'

4.25

Draw, crs. N.N.W.

-15'

6.25

Spur, brg. N.N.W.

+20'

8.60

Head of ravine, crs. N.W.

15.25

Spur, brg. N.W.

+20'

20.75

Ravine, crs. N.W.

-50'

23.50

Spur brg. N. of W. descend.

+20'

29.50

Foot of Mts. into canon from S.W. to crs. N.N.E.

-100'

House of L.L. Walker, brs. N. 360 links dist. (S.W. Cor.)

30.75

Road to Fairmont from S.W. to E. of N.

32.50

Ascend rolling ground, leave prairie, enter scattering timber and open brush, brg. from N.W. to S.

39.10

Top of spur brg. E. of N.

+50'

40.15

Set a stone 24x8x3 ins. 18 ins. in the ground on mesa of a low hill, for & sec. cor. marked & on N. face; raised a mound of stone 1½ ft. high, 2 ft. base; alongside, - from which

A pine 18 ins. dia. brs. N. 45° E. 85 links dist. marked & S.B.T.

A pine 18 ins. dia. brs. S. 76° E. 138 links dist. marked & S.B.T.

(a post marked and set for this & S. cor. it is presumed for the Norway Narboe survey, brs. N. 62° E. 5.40 chs. dist., Apr. 1890)

42.75

Ravine, crs. N.N.W.

-50'

43.50

Top of spur brg. N.

+20'

44.75

Ravine, crs. E. of N.

-25'

50.00

Old wagon trail brg. N.N.E. and S.S.W. on spur brg. N.

+75'

House of Mrs. J.J. Cloe, brs. S. 33½° E. dist. 14.75 chs.

House of W.B. Black brs. S. 28° E. about 21.00 chs. dist.

52.75

Ravine, crs. E. of W.

-70'

56.00

Spur, brg. N.

+85'

58.75

Narrow stony ravine crs. N.W. (with water works tunnel about a mile above).

-90'

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

62.00	Spur, brg. E. of N.	+100
63.00	Ravine, crs. E. of N.	-30'
68.00	Spur, brs. N.	+100'
71.75	Ridge, brg. N.	+20'
73.25	Draw, crs. N.W.	-15

80.30	The W. cor. to Secs. 3 and 10, on low extension of spur to the N.	+50'
	Land, mountainous.	
	Soil, generally 1st. rate; some boulders in the ravines.	
	Timber, scattering pines and oaks-with large open brush in W.	
	50.00 chs.	
	53.80 chs. mountainous and brushy lines.	Aug. 1. 1898.

Retracement.

From the established cor. to Secs. 4, 5, 32 and 33, in the N.bdy. of the twp. already described, I run S. 0°26' E. (in the course of the East bdy. of the township) retracing the true line between the N. parts of Secs. 4 and 5;

Va. 15°10' E.

Over the broad wash from King's Canon- Yucca plains;

15.00	Leave wash and Yuucas and ascend foothills - prairie.
18.35	Cross road to Fairmont, brg. E.N.E.
20.00	Fall 30 lks. W. of a pine post 4 ins.sq. 3 ins. above ground, set for the S.W. cor. of the N. $\frac{1}{4}$ of the N.W. $\frac{1}{4}$ sec. 4, (private survey at the "Alamendro Tract")
21.50	Am unable to find any trace of the old witness post, set for the close of this line in the partial subdivisions made by Deputy Norris (1853-5)
	Set a stone 21x6x4 ins. 12 ins. in the ground, and bounded by stones, on a low ridge brg. E. of N. to restore the witness cor., marked W.P. on N. face, S. 4 on E. and S. 5 on W. faces.

June 8, 1898.

Thence continue same course and prolong the W. side of Sec. 4 to be 80.00 chs. long, as specially instructed by the Surveyor Gen.

23.00	Ascend Mt.	+150'
28.75	Top of spur brg. N.E.	
31.00	Arroyo in ravine crs. N.E.	-25
37.00	Brown of a mesa or bench on the side of the Mt.	+60'

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

- 40.00 Set a stone 19x9x3 ins. 13 ins. in the ground, for $\frac{1}{4}$ sec. corner marked $\frac{1}{4}$ on W. face, raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base alongside; from which-
- A pine 15 ins. dia. brs. S. 87° E. 168 lks. distant, marked $\frac{1}{4}$ S., B.T. - June 25, 1898.
- 40.50 Continue to ascend the Mt.
- 46.00 Top of Mt. brg. E. and W.; the S. rim of Antelope Valley. +100'
- 56.25 Descend; leave prairie brg. N.E. and S.W. and enter scattering pines.
- 57.50 New roadway brg. E. and W.
- 59.75 Ravine, crs. E. -60'
- 62.25 Spur brg. E.S.E. +50'
- 65.50 Ravine, crs. E. -50'
- 67.50 Spur, brg. E. +40'
- 70.75 Ravine, crs. N. of E. -30'
- 75.00 Broad spur brg. E. +40'
- 78.25 Descend steep slope.
- 78.46 A pine 12 ins. dia. marked with 2 hacks N. & S. for line tree.
- 80.00 Set a stone 26x8x8 ins. 16 ins. in the ground, to rocky subsoil on S. slope, far west cor. to Secs. 4 and 9; marked with 4 notches on the E. and 5 notches on the S. edges; from which
- A pine 6 ins. dia. brs. N. $23\frac{1}{2}^{\circ}$ W. 46 lks. dist. marked S. 5 T. 7 N., R. 15 W., B.T., raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base alongside of corner.
- Land, N. 20 chs. plains, S. part hills and mountains.
Soil, 1st and 2nd rates.
Timber, a few scattering pines.
Brush open and partly burned.
- 47.00 chs. mountainous and brushy lines. Aug. 2d, 1898.

East, on a random line bet. Secs. 4 and 9; Va. $14^{\circ}50'$ E.

- 40.00 Set a temp. $\frac{1}{4}$ S. cor.
- 80.30 Intersect W. bdy. of Sec. 10 at 75 lks. S. $0^{\circ}36'$ E. of W. cor. to Secs 3 and 10, and set a stone 22x12x8 ins., 15 ins. in the ground, at foot of slope rising to the S. for the (East) closing corner to Secs. 4 and 9, as especially instructed by the Surveyor Gen., marked 5 notches on N. 3 notches on E., 5 notches on S. and C.C. on W. faces; from which -

A pine 20 ins. dia. brs. N. 77° W. 60 lks. dist. marked S. 9., T. 7 N., R. 15 W., B.T.

A pine 14 ins. dia. brs. S. 88° E. 124 lks. dist. marked S. 10 T. 7 N., R. 15 W., B.T.

Thence I run
West, on a true line between Secs. 4 and 9.

Va. $15^{\circ}05'$ E.

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

	Through brush, mostly "greasewood"	
.50	Descend	
2.50	Arroyo, crs. N.N.E. leave scattering pines, and ascend across ridges.	-50'
7.75	Top of spur brg. N.	+75'
12.25	Ravine, crs. E. of N.	-40'
17.25	Top of spur, brg. N.E.	+80'
22.25	Ravine, crs. N.E.	-50'
27.00	Top of Mt. brg. W. of N.	+100'
	Descend and along S. side of spur, brg. westerly.	
37.00	Top of the spur, brg. a little S. of W.	-50'
40.15	Set a stone 18x12x5 ins. 12 ins. in the ground, and mound of stones, (on N. slope of the ridge 20 lks. S. of an arroyo crs. W., soon N.W.) for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on N.face; raised a mound of stones 1 $\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. base on S. side	-20'
45.00	Regain top of ridge swinging to N. of W. Descend W.end of spur;	
48.50	Foot of Mt. brg. N. and S.; Enter bottom of canon, leave brush.	-120'
49.75	Dry arroyo, Compton's Canon, crs. E. of N., about 3.00 chs. below junction of arroyos from S. and S.W. and 12 or 15 chs. above deep rocky defile of canon.	
51.00	Cross bottom, ascend brushy hills.	
61.50	Spur brg. N.E.	+70'
65.75	Draw crs. N.	
66.50	Branch spur brg. N.	
67.00	Draw crs. E. of N.	
69.00	Branch spur brg. N.N.E.	
	Descend.	
73.00	Arroyo in stony ravine crs. N. of E. Ascend along a southerly slope.	-75'
80.30	The west cor. to Sesa. 4 and 9. Land, mountainous. Soil, 1st and 2nd rates. No timber, except a few pines at E. corner. 79.00 chs. mountainous and brushy lines.	

Aug. 2d. 1898.

Subdivisions T. 7 N., R. 15 W., S.B.M.
(Retracements.)

From the established cor. to Secs. 5, 6, 31 and 32, in the N. bdy. of the township already described, I run S. 0°26' E. (in the course of the east bdy. of the twp.) retracing the true line of the N. $\frac{1}{2}$ mile bet. Secs. 5 and 6.

Va. 15°05' E.

Along the W. edge of Yucca plains.

- 25.00 Cross wire fence brg. E.N.E. and W.S.W., about 2.00 chs. E. of foot hills brg. N.W. leave O. Oddinino's inclosure (1890) and the Yuccas and descend stony bluff of King's Canon;
- 31.50 Enter wash of creek bottom crs. N.E. -15'
- 37.00 Leave wash, ascend.
- 38.00 Top of bluff -- enter prairie +40'
- 40.00 Am unable to find any trace of old cor.

Set stone 18x18x7 ins. 12 ins. in the ground on base of the Mt. sloping N. to restore the $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stone 2 ft. high, 3 ft. base, alongside. (The stone set in 1890 to restore this cor. has been plowed out and removed).

From this cor. the house of Chas. Cushing brs. S. 51°40' W. 9.50 chs. dist. June 8, 1898.

I am specially instructed to complete this section line by prolonging it another full 40.00 chains, which I do as follows:

- 41.65 Road to Fairmont brg. E.N.E.
- 50.00 Easterly bank of ravine brg. N.N.W. +60'
- 50.55 Fall 3 ft. E. of pine tree 24 ins. diameter
- 52.00 Arroyo bottom of ravine crs. N.N.W. -15'
- 54.00 Westerly bank of ravine +20'
- 56.00 Ascend N.E. point of Mt. enter open brush and leave prairie, E. and N.W.
- 62.00 Cross E. point of a bluff of rock 20 ft. high, in side of Mt. +200'
- 62.50 Summit on slope of Mt. ridge brg. N.E. descend. +10'
- 66.25 Arroyo bottom Mt. ravine crs. N.E. about 50 lks. above a cascade; and ascend steep Mt. slope thro' oakwoods.
- 78.00 Top of Mt. Ridge brg. N.W. +250'
- 80.00 Set a stone 20x8x6 ins. 15 ins. in the ground, on westerly slope of hills, and E. side of a spring run crs. N. for cor. to Secs. 5, 6, 7, 8; marked 5 notches on E. and S. edges; from which -
A pine 16 ins. diam. brs. N. 25 $\frac{1}{2}$ ° W. 13 lks. dist. marked T. 7 N. R. 15 W., S. 6 B.T.

A prong 10 ins. dia. of a stool black oak brs. S. 57 $\frac{1}{2}$ ° E. 73 lks. dist. marked T. 7 N., R. 15 W., S. 8 B.T.

Land, level rolling and mountainous.

Soil, mostly 1st rate.

Timber, a few pines and some oak woods.

24.00 chs. mountainous and brushy lines.

(June 25) -

Aug. 2, 1898.

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

East on a random line bet. Secs. 5 and 8.

Va. 14°50' E.

40.00
79.92

Set temp. $\frac{1}{4}$ sec. cor.
Intersect W. bdy. of Sec. 9 at 72 lks. S. 0°24' E. of West cor. to Secs. 4 and 9, and set a stone 17x6x5 ins. bounded by stones buried in the ground, on the S. slope of hillside for (East) closing cor. to Secs. 5 and 8 as specially instructed by the Surveyor Gen., marked with 1 notch on N. 4 notches on the E., 5 notches on the S. and C.C. on the W. faces; pits and mounds impracticable at the corners; at 33 lks. E. raised a mound of stones 4 ft. high on ledge of rocks cropping out of hillside.
(June 25, 1898)

Thence I run

West, on the true line bet. Secs. 5 and 8.

Va. 14°50' E.

Ascend along rolling hill side, sloping S. thro' scattering pines and open brush.

.33
18.60
20.00
27.25
39.96

Said mound of stones.
Wire fence brg. N.E. and S.W.
Leave brush and pines; enter prairie brg. N. and S.S.W.
Wire fence brg. W.N.W. and E.S.E.
Set a stone 18x8x6 ins., 12 ins. in the ground (near brow of Mt. extending thence southward) for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; dig pits 18x18x12 ins. E. and W. of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base, alongside: *200'

53.75
62.25

House of Eligh brs. S. 30° E. about 20.00 chs. dist.
House of Davenport brs. N. 1° E. about 39.00 chs. dist.
Wire fence brg. N.W. and S.E. enter plowing - gently descend.
Leave plowing at bluff of ravine, enter brush and timber and along S. edge of same. -40

64.25
65.90
68.00
73.00
76.00

Ravine, crs. N. -25'
Ridge, descending N. +20'
Valley descending N. -15'
Enter tongue of prairie extending 5.00 or 6.00 chs. N.
Top of hillside descending N. +50

78.50
79.15
79.92

Re-enter timber and brush N. and S.
A stool red oak 24 ins. in line, marked 2 hacks on E. and W. sides.
The cor. to Secs. 5, 6, 7 and 8.

Land, rolling top of Mt. 200 to 400 ft. above Antelope Valley.
Soil, loam 1st. rate, & stony 2d. rate.
Timber, an occasional pine or oak.
32.15 chs. mountainous and brushy lines.

Aug. 2, 1898.

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

West on a random line bet. Secs. 6 and 7. Va. 14°50'E.

40.00
81.40

Set a temp. $\frac{1}{4}$ S. cor.
Intersect the W. bdy. of the twp. 5.34 chs. S. of the cor. to 5th mile, already described, as corner to Secs. 1, 12 (6 and 7).

Set a stone 20x10x8 ins. 15 ins. in the ground and stones (on the E. side of a Mt., 75 lks. S. of a ridge or angle of Mt. brg. W. and S.) for (West) closing corner to Secs. 6 and 7; marked with 5 notches on S. and 1 notch on N. and C.C. on E. faces; raised a mound of stones 2 ft. high 3 ft. base at E. side.

Thence I run
East on the true line bet. Secs. 6 and 7; Va. 14°50' E.

3.60

Descend steep side of the Mt. thru open brush and scrub.
Foot of Mt. in narrow canon bottom 50 lks. wide, brg. -150'
N.N.E. about 6.00 chs. above junction with King's Canon.
Cross the bottom and ascend the N. point of a high rocky Mt. with open brush.

17.80
26.80
31.25

Gully in side of Mt. runs N.
Gully in side of Mt. runs N.
Top of Mt. brg. N.N.E. +250'
Descend steep slopes;

38.00
39.70

Foot of Mt.; enter broad wash of a canon brg. N., thence W. of N. -250'
Across the wash, ascend bluff to mesa land with open brush. +12

41.40

Set a stone 27x8x8 ins. 20 ins. in the ground and mound of earth for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; raised a mound of stones 2 ft. high, 3 ft. base alongside from which

A white oak 5 ins. dia. brs. S. 34° E. 16 lks. dist.

This cor. is 30 lks. S. of the S. bank of a stony ravine crs. W.
Ascend along the S. side of valley and ravine in dense brush and scrub oaks.

45.00
56.80
63.00
68.40
72.50

Ravine from N.N.E., crs. W.
Spur brg. N.N.W. +150'
Spur brg. N. +50'
Ravine (valley) crs. N.W. -20'
Leave brush and scattering timber and enter rolling prairie sloping northerly. +60

77.00
78.30
79.70

Top of hillside sloping N. +60
Ravine, crs. N. -25
Point of hill brg. N. +20

80.70
81.40

Ravine crs. W. of N. about 6.00 chs. below small spring to S.S.E. -40
The cor. to Secs. 5, 6, 7 and 8. +20

Land, mountainous.
Soil, alluvial and stony 1st., 3d, and 4th rates.
Timber, scattering pines and oaks.
72.00 chs. of mountainous and brushy lines.

Aug. 4, 1898.

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

Note: The residue of the township is subdivided by running the ranges of sections from the S. bdy. and closing on the foregoing described extensions of the former surveys, as instructed.

From the cor. to Secs. 35, 36 and (1 and 2) in the S. bdy. of this twp. already described.
N. $0^{\circ}26'$ W. (parallel to the E.bdy. of the twp.) bet. Secs. 35 & 36.
Va. $15^{\circ}00'$ E.

Because of the broken and precipitous slopes of the mountain side, making it impracticable to measure along the true line, I run as follows:-

Beginning at the witness cor. 135 lks. east of the point for the true corner, thence -
N. 30° W. 1.16 chs., whence dist. North is 1.00 ch. and departure W. is 58 lks., thence along Wly. side of Mt. in open brush, N. $17^{\circ}45'$ W., 5.12 chs. chaining on surface having a slope of $28\frac{1}{2}^{\circ}$ rise; whence the horizontal dist. is 4.50 chs. and the dist. N. is 4.28 chs. and the departure W. is 1.37 chs., to a point at top of a mountain ridge sloping W.; thence offset E. 56 lks. to +175' the true line bet. Secs. 35 and 36 at

(5.28)	5.28 chs. N. $0^{\circ}26'$ W. of the sec. corner;	
	Thence N. $0^{\circ}26'$ W.	
	Thro' thick brush	
7.50	Bottom of ravine crs. S.W.	-40
14.25	Top of Mt. ridge brg. W.	+150
16.25	Valley descends W.	-15
20.00	Top of ridge descends W.	+25
22.30	Ravine crs. W.; head of Maxwell's Canon	-40
27.00	Ridge brg. W.	+50
28.75	Valley crs. W.	-20
35.60	Top of Mt. extending S.E. and N.E.W.	+75
40.00	Set stones 22x10x5 ins. on the bedrock in shallow soil in a mound of stones and earth, for $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ on W. face.	
	Pits impracticable.	-50
47.75	Ravine, crs. E.	-75
50.30	Short spur, brg. E.	+40
53.00	Ravine, crs. S. of E.	-50
55.50	Spur brs. easterly	+75
57.00	Valley slopes easterly	-40
58.50	Ridge brg. easterly	+20
65.00	Ravine, crs. N.E.	-80
68.00	Top of spur, brg. E.	+60
75.50	Bottom of canon crs. E. soon N.E.	-80

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

Ascend on S.E. slope.

80.00 Set a post of manzanita 4 ft. long, 4 ins.sq. (with a stone 18x6x5 ins. marked for the corner, buried at W. side) 18 ins. in the ground, (in a sag in the E. side of the Mt.) for the cor. to Secs. 25, 26, 35 and 36, marked

R. 15 W., S. 25 on the N.E.
T. 7 N., S. 36 on the S.E.
S. 35 on the S.W. and
S. 26 on the N.W. faces; with 1 notch on the E. and S. edges; raised a mound of earth 1½ ft. high and 4 ft. base around post. Regular pits impracticable.

Land, mountainous.

Soil, loam and rocky 1st, 2d. and 3d. rates.

Timber, a few oaks and pines in the ravines and canons.

80.00 chs. mountainous and brushy lines.

May 6, 1898.

East on a random line bet. Secs. 25 and 36. Va. 14°00' E.
Change of the Va. due to unknown local causes.

40.00 Set temp. & sec. cor.
79.90 Fall 36 links N. of the cor. to 25, 36 and (30 and 31) in the E. bdy. of the twp. already described.
Thence I run
N. 89°45' W. on the true line bet. Secs. 25 and 36. Va. 14°50' E.

	Thro heavy oak brush	
4.00	Top of ridge brg. N.E.	+50
6.85	Ravine, crs. N.E.	-30
12.00	Broad spur brg. N.N.E.	+60
20.25	Canon- crs. N., some scattering trees, mostly oaks.	-100
30.00	Top of broad spur brg. N.	+150

39.95 Set oak post 4 ft. long, 3 ins. sq. 18 ins. in the ground (on W. slope of Mts.) for & sec. cor. marked & S. on N. face, regular pits impracticable; raised a mound of earth 1 ft. high, 3 ft. base around post, from which

A lilac 6 ins. dia. brs. S. 15½° W. 17 lks.dist. marked & S.B.T.
A manzanita 6 ins.dia. brs.N.15° E. 18 lks.dist. marked & S.B.T.

	Continue to descend thro some oakwood, small trees and heavy brush.	
44.00	Bottom of Rodde Canon crs. North	-200'
45.00	Arroyo - stream 2 lks. wide, crs. E. of N.	
45.50	Ascend warped hillside - leave trees.	
53.75	Ridge in hillside brg. S. E.	+200'
54.25	Gully descend to S.E.	-30
60.00	Brow of Mt. brg. N. and S.	+100'

Subdivisions T. 7 N. R. 15 W. S.B.M.

64.25	Top of Mt. brg. N. descends.	+50
69.00	Bottom of canon from S.W. crs. N. Ascend over S.E. angle of hill	-150
72.50	Ridge brg. N.	+90
74.40	Ravine, crs. N.	-75
75.25	Cross N. point of hill	+20
78.30	Bottom of canon brg. N.E. with scattering pines; ascend	-75

79.90 The cor. to Secs. 25, 26, 35 and 36,
Land, mountainous.
Soil, alluvial - 1st. rate, rocky, 3d. rate.
Timber, a few pines, a little oakwood and small trees in canons.
79.90 chs. mountainous and brushy lines.

May 9, 1898.

North 0°26' W. bet. Secs. 25 and 26.

Va. 14°00' E.

Change of Va. due to unknown local causes.

Along E. brow of Mt.

1.50	E. point of ridge - descend	+50
6.75	Ravine, crs. E. 3.00 or 4.00 chs. above junction	-100
10.40	Top of spur brg. E.	+75
13.75	Ravine, crs. E. 40 lks. wide.	-70
19.25	Brow of spur brg. E.	+100
22.25	Descend	

28.50	Bottom of ravine crs. E.	-80
31.00	Spur brg. easterly	+75
38.00	Descend along E. slope of spur.	
40.00	Set a stone 15x12x6 ins. 10 ins. in the ground (30 lks. W. of arroyo running N.) for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ of W. face; raised a mound of stone $1\frac{1}{2}$ ft. high $2\frac{1}{2}$ ft. base alongside, from which -	-30

A + B.R. cut on W. end of rock 2 ft. high, 3x1 ft. out of ground at E. side of arroyo, brs. N.21° E. 81 lks. dist.
Va. 15°00' E.

Change of Va. due to local causes.

Continue descent along E. slope.

46.00	Top of spur now brg. N.E.	-125'
50.25	Foot of Mt. -100' enter lake valley general brg. E. and W. leave oak brush enter low weeds.	
55.00	Enter barley field; Munn's cabin brs. S.60° W. 25.00 chs. dist.	
60.75	Cross wire fence brg. E. and W. leave field.	
62.50	Enter soft marsh brg. E. and W.	-50
64.50	Leave marsh brg. E. and W.	
65.00	Cross wire fence brg. E. and W. enter scattering willows.	
68.50	Cross Pole fence, brg. E. and W.	
74.50	W. and G.O. Hughe's house (formerly the Veysett place)	
76.25	Cross wire fence brg. N. of W. and S. of E.	
76.50	Road brg. N.W. to S. of E. from Pine Canon to Elizabeth Lake-leave Willows.	

Subdivisions T. 7 N. R. 15 W. S.B.M.

80.00 Set a stone 22x9x5 ins. 18 ins. in the ground and mound of stones, for cor. to Secs. 23, 24, 25 and 26; marked with 2 notches on the S. and 1 notch on E. edges; raised a mound of stones 2 ft. high, 3 ft. base alongside. +75

Land mountainous, valley and narrow marsh or slough.
Soil, alluvial, loam and muck, 1st. rate; some stony steep slopes 2nd. and 3rd. rates.

No timber, except a few willow trees.
50.25 chs. mountainous and brushy lines.

May 14, 1898.

East on a random line bet. Secs. 24 and 25. Va. 14°20' E.

Change of Va. due to local causes.

40.00 Set temp. & S. cor.

80.30 Intersect the E. bdy. of the township at 102 lks. N. 0°30' W. of the corner established for the cor. to Secs. 24, 25 (19 and 30) already described.

Set a stone 18x8x4 ins. 10 ins. in the ground (and bedrock at brow of the slope E. into a deep gorge in S. side of the Mt.) for (East) closing cor. for Secs. 24 and 25; marked with 2 notches on S. 4 notches on N. and C.C. on W. faces; raised a mound of stones and earth 2 ft. high, 3½ ft. base at W. side.

Thence I run -

West on the true line bet. Secs. 24 and 25. Va. 14°40' E.
Over the broken and brushy S. slopes of the mountains.

0.50	Top of ridge or spur descending E. of S.	+10
2.25	Ravine descends S.S.W.	-30
3.50	Ridge, brg. S.W.	+20
6.00	Valley descending S.S.W.	-40
10.50	Spur brg. S.W. and bends W.	+45
15.00	Valley descending northerly	-30
15.50	N. point of short spur	+20
	Descend and along S. side of valley or bay several chains wide.	
20.00	Foot of descent	-60
26.00	Top of W. point of last spur.	
29.00	Foot of hills, into a widening valley with sparse brush.	-70
40.15	Set stone 24x8x4 ins. 18 ins. in the ground (on the plain descending southerly and opening into the Lake Valley 10 or 12 chains below) for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 1½ ft. high 2½ ft. base alongside.	
46.00	Road brg. N. and S. from Mesa Mt. to the valley.	
46.50	Ascend brushy hills	
52.25	Spur from N.W. to S.W.	+60
55.75	Ravine, ers. S.	-10
57.40	Spur brs. S.	+40
60.25	Ravine, ers. S.W.	-25
64.50	Spur brg. S.	+15

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

67.25	Valley descending N.W.	-15
68.50	Ridge brg. N.W.	+10
70.00	Foot of hills into prairie valley brg. N. and S.	
80.30	The cor. of Secs. 23, 24, 25 and 26.	-40'
Land, mountainous and valleys		
Soil, gravelly and washed slopes, 2d. rate.		
No timber.		
52.50 chs. mountainous and brushy lines.		
July 9, 1898.		
<hr/>		
	N. 0°26' W. on a random line bet. Secs. 23 and 24. Va. 14°20' E.	
40.00	Set a temp. $\frac{1}{4}$ sec. cor.	
77.85	Fall 26 links W. of the West cor. bet. Secs. 13 and 24.	
	Thence I run	
	S. 0°15' E. on a true line bet. Secs. 23 and 24. Va. 14°45' E.	
Change of the Va. is due to local causes.		
Over brushy ridges; ascend		
1.00	Top of ridge brg. S. of W. and N. of E.	+15'
3.25	Ravine, crs. N. of E.	-40
4.50	Ridge, brg. E.	+40
5.50	Valley descends E.	-20
9.00	Ridge brg. E.	+25
13.00	Valley runs E.	-20
14.75	Ridge brg. E.	+20
17.50	Cross spring run in ravine crs. E. just above junction from S. to S.E.	-50'
23.50	Leave brush; having passed some oakwood on this slope; enter rolling prairie brg. E. and W.N.W.	
25.00	In cornfield-top of hill running to S.W.	+75
A house of Dan Curtiss brs. S. 69° W. about 10.00 chs. dist.		
springs in same brg. about 6.00 chs. dist.		
36.75	Wire fence brg. N.E. and S.W. enter barley field.	
37.85	Set an elder post 3 ft. long, 3 ins. sq. 1 foot in the ground, at W. edge of dry pond, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face; raised a mound earth and stones 1 foot high, 2 $\frac{1}{2}$ ft. base, around post, regular pits impracticable because of very hard baked soil.	
The residue of Dan Curtiss brs. S. 63° W. - over rolling ground.		
43.00	Descend from low hills.	
48.40	Road brg. E. and W. along S. brow of Mesa Mt. to Elizabeth Lake P.O.	-30
49.00	The residence of Dan Curtiss brs. N. 61°30' W. leave barley fields and prairies and enter dense brush.	
51.00	Descend broken brushy side of Mt.	
66.00	Foot of Mt. brg. E. and W. and into cove or bay of Lake Valley and prairie.	-500

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

77.85 The cor. to Secs. 23, 24, 25 and 26.

-50

Land, hilly, rolling prairie and mountainside.
Soil, alluvial, 1st. rate; slopes and wash, 2d. and 3d. rates.
No timber, except a very little oakwood.
40.50 chs. mountainous and brushy lines.

July 9th, 1898.

From the cor. to Secs. 34 and 35 in the S. bdy. of the township,
already described I run -
N. 0°26' W. (in the course of the E. bdy. of the township) bet.
Secs. 34 and 35. Va. 14°50' E.

Descend the Mt. thru dense brush consisting largely of oak,
buckhorn and other thorn bushes;

9.00	Ravine, 15 ft. deep, crs. N.W.E. with scattering pines and small oaks.	
16.50	Same ravine, crs. N.W.W.	-300'
20.75	Ridge or swell of ground brg. Wly.	+20
23.75	Continue descent of Mt.	
30.00	Foot of Mt. in ravine crs. N.W.	-225'
31.90	Ridge brg. W.	+20
32.75	Arroyo, crs. W.	-15
36.50	Point of hill brg. W.	+15
39.50	Descend	

40.00 Set a stone 24x12x4 ins. in a mound of stones and seated in
bedrock on the Sly. bank of arroyo, for $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ on
W. face; pits impracticable.

40.15 Arroyo 10 ft. deep, crs. S.W. ascend across Mt. spurs thru light
brush.

43.00	Brow of spur, 3.00 chs. across, and brg. S.W.	+100
49.50	Ravine, crs. S.W.	-40
54.00	Spur brg. W. and then S.W.	+125
58.50	Valley descending W. and S.W.	-75
64.50	Top of Mt. brg. W. and S.E.	+150
	Descend into dense brush with considerable oakwood.	
75.00	Ridge brg. N.E.	

80.00 Set a stone 26x10x6 ins. 19 ins. in the ground and mound of
stones on N. slope of the Mt. for cor. to Secs. 26, 27, 34 and 35;
marked with 1 notch on S. and 2 notches on E. edges; from which

A black oak 7 ins. diam. brs. S. 59 $\frac{1}{4}$ ° W. 17 lks. dist.
marked S. 34, T. 7 N., R. 15 W., B.T.

A black oak 6 ins. dia. brs. N. 69 $\frac{1}{4}$ ° W. 20 lks. dist.
marked S. 27, T. 7 N., R. 15 W., B.T.

Land, mountainous.
Soil, alluvial and hardpan, 1st, 2d. and 3d. rates.
Timber, a few pines and some small oakwood.
80.00 chs. mountainous and brushy lines.

July 5, 1898.

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

East on a random line bet. Secs. 26 and 35. Va. 14°50'E.

40.00	Set a temp. $\frac{1}{4}$ sec. cor.	
80.30	Fall 22 links S. of cor. to Secs. 25, 26, 35 and 36; Thence I run S. 89°50' W. on the true line bet. Secs. 26 and 35; Va. 14°00'E. Ascend thru brush.	
3.25	Top of Mt. extending to N.W.	+75
6.60	Ravine crs. N.	-80
12.50	Top of Mt. brg. N. and S.	+100
	Descend along S. side of valley.	
19.25	Ravine crs. N.	-80
23.80	Ridge, sloping N.	+20
34.00	Bottom of branch of Maxwell's Canon brg. W.S.W.	-150
39.00	S. Point of spur (sloping S.)	+60
40.15	Set a stone 16x10x4 ins., 10 ins. in the ground and bedrock near foot of W. slope of the spur, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face raised a mound of stones 1 $\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. base at E. side of cor.	-30'
43.00	Top of rocky spur brg. S.S.W.	+50'
47.25	Ravine crs. S.S.W.	-30
49.75	Spur brg. S.S.W.	+20
59.75	Foot of Mt. in Maxwell's Canon crs. nearly N. soon bends Wly.	-200
	The arroyo is very crooked; has springs and pools of water, and is overhung with willows and other brush.	
60.25	Leave bottom and ascend brushy Mt.	
70.00	Ridge slopes Wly; thence along N. side of Mt. in dense brush.	+250
76.00	Begin descent into valley descending N. down the side of the Mt. in brush and small oaks.	-30
80.30	The cor. to Secs. 26, 27, 34 and 35. Land mountainous. Soil, loam, hardpan and rocky, 2d. 3d. and 4th rates. No timber except a few small oaks. 80.30 chs. mountainous and brushy lines.	

July 5th, 1898.

N. 0°26' W. bet. Secs. 26 and 27. Va. 14°50' E.

	Descend along a valley in the side of the Mt.	
11.75	Foot of Mt. in rocky arroyo of Maxwell's canon, crs. W. with pools and running water.	-300'
12.50	Across bottom; ascend Mt. along a broken ravine coming S. thro open brush.	
26.25	Top of spur brg. W.	+275
30.50	Valley crs. W.	-40
31.75	Spur brg. W.	+20
36.00	Ravine, crs. W.N.W.	-50
38.50	Spur brg. W.N.W.	+40

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

40.00 Set a stone 25x10x8 ins. 18 ins. in the bedrock and earth, on steep slope to the N. 15 lks. W. of nose of rocky ground, for $\frac{1}{4}$ sec. corner; marked $\frac{1}{4}$ on W. face, raised a mound of stones 1 $\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. base at E. side -30

40.30 Gully 15 ft. deep, crs. W. about 2.00 chs. above junction of ravine
41.30 W. point of rocky spur.
41.75 Ravine, crs. S.W. about 1.50 chs. above a rocky cascade; ascend a -20' precipitous bluff.

50.00 Flat spur brs. S.W. +75
54.50 Ravine crs. S.W. -40
59.75 Spur brg. S.W. +60
66.50 Ravine, crs. S.W. -50
72.00 Spur brg. W.N.W., and over rolling Mt. top. +60

78.00 Enter timber, mostly pines.
80.00 Set a cedar post 4 ft. long, 4 ins. sq. 18 ins. in the ground at the N. point of a ridge for cor. to Secs. 22, 23, 26 and 27, marked
S. 23, T. 7 N., on N.E.
S. 26, R. 15 W. on S.E.
S. 27 on the S.W. and
S. 22 on the N.W. faces, with 2 notches on S. and E. edges; raised a mound of earth 18 ins. high, 3 $\frac{1}{2}$ ft. base around the post, from which

A pine 12 ins. dia. brs. N. 4 $\frac{1}{2}$ ° E. 59 links dist. marked S. 23, T. 7 N., R. 15 W. B.T.

A pine 10 ins. dia. brs. S. 18° E. 22 links dist. marked S. 26, T. 7 N., R. 15 W. B.T.

A steel black oak brs. N. 65 $\frac{1}{2}$ ° W. 65 lks. dist., marked S. 22, T. 7 N., R. 15 W. B.T.

Land mountainous.
Soil, 2d. and 3d. rates.
Timber, some small oaks and a few pines.
80.00 chs. mountainous and brushy lines.

July 6, 1898.

East, on a random line bet. Secs. 23 and 26. Va. 15°00'E.
Change of Va. due to local causes.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.24 Fall 47 links S. of cor. to Secs. 23, 24, 25 and 26;
Thence I run
S. 89°40' W. on the true line bet. Secs. 23 and 26. Va. 14°20'E.
Over prairie bottom of Lake Valley.

7.00 Road, brg. E.S.E. to Elizabeth Lake P.O.
7.25 Wire fence brg. E.S.E. and W.N.W., enter enclosure of G.O. Hughes, (formerly premises of F. Veysett;) descend

13.00 N. end of former pond and tule swamp, now drained and mostly cultivated. -30

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

- 40.12 Set a limestone 15x14x6 ins., 12 ins. in the ground, at the top of extension of low foot hill brg. to the N.W. and rim of the basin of swamp just passed, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base alongside +15'
- 43.50 Foot of Mts. brg. S.E. and nearly W; thence across N. points of foot hills; leave prairie and enter brush.
- 51.00 Top of point of Mt. +40
- 58.00 Enter mouth of short Mt. ravine from S. 1.00 chs. wide-tough shore of Hugh's Lake; Ascend over points of foothills thro scattering pines with little brush. -50
- 76.00 Point of Mt. sloping nearly N. +60
- 78.50 Short gulch descending N., ascend -40
- 80.24 The cor. to Secs. 22, 23, 26 and 27 +50

Land, rolling, swamp and hilly.
Soil, wash, muck and sandy, 1st. 2d. and 3d. rates.
Timber, a few pines on slopes S. of Lake.

35.74 chs. mountainous and brushy lines. July 7th, 1898.

N. $0^{\circ}26'$ W. bet. Secs. 22 and 23. Va. $15^{\circ}00'$ E.

Descend steep point of ridge of hill thro openings of pines and oaks.

- 4.20 Foot of Mt. at S. bank of Hugh's Lake brg. E. and W.; set a cedar post 4 ft. long, 3 ins. sq. 1 ft. in the ground at the ordinary low water mark, for Meander Cor. marked - -100'

T. 7 N., on S.
S. 23 R. 15 on E.,
S. 22 on W. and
M.C. on N. faces; raised a mound of stones $1\frac{1}{2}$ ft. high,
3 ft. base around post, from which

An oak 36 ins. dia. brs. S. $32\frac{1}{2}^{\circ}$ E. 31 links dist. marked M.C., B.T.
The S. stem 20 ins. dia. of a double willow, brs. S. 75° W. 17 lks. dist., marked M.C., B.T.

The washed bank in high water is 3 ft. higher.

Thence I send flags across the lake, one N. $0^{\circ}26'$ W. at a point called No. 2, and another in brg. N. 49° E. at a point called No. 3, which brs. S. $87^{\circ}56'$ E. dist. 139.5 chs. from No. 2, carefully measured for a base. Hence distance found from M.C. (No. 1) to No. 2 is 12.54 chs.

Return S. $0^{\circ}26'$ E. 19 links to ordinary low water mark N. bank of Hugh's Lake and plant a cedar post 4 ft. long 3 ins. sq. 18 ins. in the ground for Meander cor. marked:

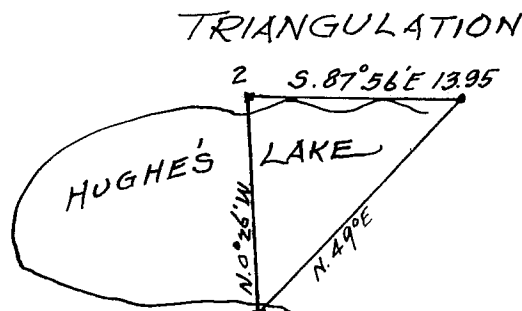
T. 7 N., on N.
S. 23, R. 15 W. on E.
S. 22 on W. and

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

M.C. on S. faces; dug a pit 3 ft. sq. 6 ft. N. of post and raised a mound of earth 2 ft. high 4 ft. base around the post; the washed bank is 3 ft. higher.

The distance bet. Meander corners is 12.54 chs. triangulated, less 19 lks. = 12.35 chs. to which add 4.20 chs. and dist. run in this sect. line is

16.55 M.C. post at N. margin Hugh's Lake:



17.80 Continue N. 0° 26' W. from lake measuring by chain-
Ascend gentle slope; over prairie and sage brush.
Road nearly E. and W. from Pine and Elizabeth Canons to
Elizabeth Lake.

20.00 Wire fence brg. E. and W.
20.50 Road brg. E. and W. +30
The house of P. Lavell on S. 22 brs. N. 85° W. 27.00 chs. dist.
The house of Jno. Lavell on S. 22 brs. N. 87° W. 24.50 chs. dist.
The tent of Chas. Hahn, settler on S. 23, brs. N. 50° E. 8 chs. dist.
July 8th. 1898.

23.00 Top of swell of E. slope of spur brg. S. +50
Descend rolling brushy ground

33.00 Into valley descending S. and S.E., open brush; ascend along -30
valley.

40.00 Set a stone 20x10x7 ins. 15 ins. in the ground, 30 lks. W. of
arroyo, crs. S., for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which -

A black oak 5 ins. dia. brs. N. 50 $\frac{1}{2}$ ° E. 86 links dist.
marked $\frac{1}{4}$ S., E.T.

A black oak 3 ins. dia. brs. S. 41 $\frac{1}{4}$ ° W. 81 links dist.
marked $\frac{1}{4}$ S, E.T. raised a mound of stones 1 $\frac{1}{2}$ ft. high and
2 $\frac{1}{2}$ ft. base alongside of corner.

Continue along Wly. side of the valley.
45.00 Ascend steep brushy slopes.
51.25 Top of stony sharp ridge brg. W. and S.W. +150
57.00 Ravine, crs. W. -100
62.00 Ridge, sloping W. +50
63.00 Ravine, crs. S.W. -30
69.50 Brow of Mesa Mt. brg., E.S.E. and W. +120
70.00 Road brg. E. and W., leave brush and enter prairie near its W.
end brg. E. and W.

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

- 74.25 Leave prairie and re-enter brush and small trees brg. E. and W., gently descend.
- 80.00 Set a stone 17x6x5 ins. 12 ins. in the ground for cor. to Secs. 14, 15, 22 and 23, marked with 3 notches on S. and 2 notches on E. edges; dug pits in each section 5½ ft. dist. and raised a mound of earth 2 ft. high and 4 ft. base alongside; also set an elder post at N.E. cor. of stone.

Land, valley, level and mountainous.
Soil, alluvial, sandy and stony, 2d. 3d. and 4th rates.
A few pines and oaks S. of the lake.
44.45 obs. mountainous and brushy lines.

July 9th, 1898.

East on a random line bet. Secs. 14 and 23; Va. 14°40'E.
Change of Va. due to local causes.

- 40.00 Set temp. $\frac{1}{4}$ S. cor.
- 80.40 Intersect line bet. Secs. 13 and 14 at 175 links N. 0°26'W. of west corner bet. Secs. 13 and 24; (set a stone 17x6x6 ins. 12 ins. in the ground on a N. slope for (east) closing corner bet. Secs. 14 & 23), marked with 3 notches on N. and S. and 1 notch on E. and C.O. on W. faces; raised a mound of stones 1½ ft. high 2½ ft. base at W. side.
Thence I run
West, on the true line bet. Secs. 14 and 23. Va. 14°45'E.

Over uneven country, thro brush.

- | | | |
|-------|--|------|
| .50 | Arroyo, runs N. | -10 |
| 11.50 | Spur, brg. N. | +25 |
| 18.50 | Ravine crs. N. | -30 |
| 20.75 | Spur brg. N.N.W. | +40 |
| 23.50 | Ravine, crs. N.N.W. | -30 |
| 27.00 | Road N.W. and S.E. | |
| 27.50 | Top of spur brg. N.N.W. | +50 |
| 30.00 | Descend down a valley crs. W. | |
| 39.00 | Cross arroyo in the valley now turns N.W. | -100 |
| | Ascend N. point of hill in scattering timber open brush. | |
| 40.20 | Set a stone 17x6x6 ins. 13 ins. in the ground on northerly slope of point of spur, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which;

A pine 28 ins. dia. brs. S. 51°W. 18 lks. dist. marked $\frac{1}{4}$ S., B.T.
A pine 18 ins. dia. brs. N. 20°W. 10 lks. dist. marked $\frac{1}{4}$ S., B.T. | |
| 45.00 | Ravine, crs. N.N.W. about 75 lks. above junction of arroyos; leave trees and cross N. point of hill; | |
| 46.50 | Arroyo bottom and trail in Mesa Pass Canon from S.W. to nearly east; the general crs. of the canon is N.N.E. | -70' |
| | Ascend side of Mt. warped with ridges and gullies brg. S. of E. in open brush. | |

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

63.00	Top of Mt. divide brg. N.N.W.	+150
69.50	Ravine, crs. N.N.W., thick brush	-80
	Ascend rolling country	
77.50	Ridge brg. N.N.W.	+170
80.40	The cor. to Secs. 14, 15, 22 and 23.	-30

Land mountainous.

Soil, loam and stony, 2d. and 3d. rates.

Very few trees, mostly pine; most of line in heavy brush.

80.40 chs. of mountainous and brushy lines.

July 9th. 1898.

	N. 0°26' W. on a random line bet. Secs. 14 and 15. Va. 14°40' E.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
77.40	Fall 14 lks. W. of cor. to Secs. 11 and 14.	
	Thence I run	
	S. 0°20' E. on the true line bet. Secs. 14 and 15. Va. 14°45' E.	
	Over brushy Mt. spurs.	

2.50	Stony ravine, crs. E.	-30
	Leave scattering pines.	
5.50	Spur brg. E.N.E.	+50
8.50	Ravine, crs. N.E.	-40
15.00	Brow of rolling and gullied mesa	+50
24.00	Descend from S. edge of mesa.	
27.25	Ravine, crs. E.N.E.	-40
33.25	Broad spur brg. E.	+60
36.40	Ravine, crs. E.	-40

37.40	Set a stone 18x10x7 ins. 12 ins. in the ground on a N.E. Slope, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits 18x18x12 ins. N. and S. of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high 2 $\frac{1}{2}$ base alongside.	
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38.70	Brow of Mt. brg. E.	+50
48.00	Descend steep slopes.	
58.50	Bottom of Hugh's Canon, crs. E.N.E. 100 lks. wide; springs 8.00 or 10.00 chains above.	-250'

71.00	Top of S. bluff; enter Mesa Mt.	+270
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77.40	The cor. to Secs. 14, 15, 22 and 23.	
	Land, mountainous.	
	Soil, loam and stony - 1st. 2d. and 3d. rates.	
	No timber, except a few trees at N. end of the line.	
	70.00 chs. mountainous and brushy lines.	

July 9th. 1898.

From the corner to Secs. 33 and 34 in the S. bdy. of the township already described, I run -

N. 0°26' W. (in the course of the E. bdy. of the twp.) on the true line bet. Secs. 33 and 34.

Va. 15°00' E.

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

16.00	Descend steep side of Mt. thro small oaks and large brush. Steep rocky ravine, 150 lks. wide, 25 ft. deep, crs. W. of N. just below rock cascades; springs nearly dry.	-350'
20.25	Ridge in side of Mt. sloping N. of W.	
31.00	Foot of Mt. brg. E. and W. in mouth of branch canons from the S.	-250
32.00	Ascend brushy spur hill.	
36.00	Top of hillside sloping E.	+40
39.00	Foot of hill brg. N.W. and S.E. and into the Laguna (Castaio) Canada. In scattering small trees	-50
40.00	Set a stone 21x6x5 ins. 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base alongside; from which -	
	An ash 6 ins. dia. brs. N. $32\frac{1}{2}^{\circ}$ W. 109 lks. dist. marked $\frac{1}{4}$ S.B.T. A black oak 5 ins. dia. brs. N. $29\frac{1}{2}^{\circ}$ E. 44 lks. dist. marked $\frac{1}{4}$ S.B.T.	
50.75	Road brg. E. and W. leave trees.	
52.00	Enter wash (dry bed) or river crs. W. soon N.W. -3 ft. deep.	
53.00	Across the wash-bank here runs nearly N. just above mouth of ravine.	
56.50	W. point of a Mt.	+20
59.50	Ravine crs. S.W. ascend same over broken slopes.	-10
66.15	Mt. ridge brg. E. and W. and along E. side of Cross Spur thru' brush	+150
73.00	Ravine, crs. S.S.E.	-50
78.75	Spur brg. S.E.	+75'
80.00	Set a stone 22x5x5 ins. 16 ins. in the ground on N.E. slope for cor. to Secs. 27, 28, 33 and 34, marked with 1 notch on S. and 3 notches on E. edges; raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base alongside.	
	Land, mountainous and canon bottom. Soil, loam, wash and rocky, 2d. 3d. and 4th rates. Timber, some small oaks, S. of the Laguna Canon. 59.50 obs. mountainous and brushy.	

July 6th, 1898.

40.00	East on a random line between Secs. 27 and 34; Set temp. $\frac{1}{4}$ sec. cor.	Va. $14^{\circ}45'$ E.
80.28	Fall $2\frac{1}{2}$ lks. N. of cor. to Secs. 25, 26, 35 and 36; thence I run N. $69^{\circ}50'$ W. on the true line bet. Secs. 27 and 34.	Va. $14^{\circ}50'$ E
	Along the N. side of the Mt. covered with large brush and small oaks.	
3.00	Ridge descending N.N.W.	+20'
9.75	Valley " "	-25
11.60	Ridge " N.	+30
13.70	Arroyo in brushy valley do N.N.E.	-20
20.00	Arroyo " " do..Do N.N.E.	
27.75	Ridge descending to N.W.	+50

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

	Leave scattering wood, open brush.	
28.00	N.W. angle of Mt. descend;	
37.80	Foot of slope in gully 4 ft. deep descending to N.W. thence along N. side of Mt.	-150
40.14	Set a stone 23x10x6 ins. 18 ins. in the ground on steep slope to the N. for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, raised a mound of stones $1\frac{1}{2}$ ft. high $2\frac{1}{2}$ ft. base on S. side.	
44.50	Begin descent.	
50.40	At foot of Mt. into the dry bed of the Lake river, crs. S.S.W. soon S.W. following the trend of the mts; with channel 20 lks. wide and 2 ft. deep; wash of high water 60 lks. wide, Road brg. N. and S.W.	-200'
52.10	Across first bottom of the Canada	+10
56.60	Brow of Mesa (2d. bottom) brg. N. and W.S.W.	+20
57.00	Ascend across Mt. spurs.	+20
60.50	Point of spur brg. S.	+50
63.50	Ravine, crs. E. of S.	-60'
67.00	Spur brg. E. of S.	+30
71.40	Ravine, crs. E. of S.	-70
73.00	Spur brg. E. of S.	+60
76.25	Ravine, crs. E. of S.	-60
78.50	The cor. to Secs. 27, 28, 33 and 34	+80
80.28		

Land, mountainous and valley

Soil, lean stony and wash, 2d. 3d. and 4th. rates

Timber, small oakwood and a few manzanitas

70.18 chs. mountainous and brushy lines.

July 6th. 1898.

	N. 0°26' W. bet. Secs. 27 and 28.	Va. 14°45' E.
	Descend N.E. slope of spur.	
9.50	Ravine, crs. S.S.E.	-75
14.25	Top of spur brg. S.S.E. along an easterly slope - ascending.	+120
20.75	Ridge brg. S.S.W.	
22.75	Spur brg. S.E.	+100
27.30	Ravine, crs. E.N.E.	-100
33.25	Spur, brg. E.	+90
36.35	Ravine, crs. E.	-80
38.75	Spur brg. E., enter scattering trees	+60
40.00	Set a stone 18x9x5 ins., 12 ins. in the ground and bedrock on N. slope, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; from which -	

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

- A manzanita 7 ins.dia. brs. S.27° W. 26 lks.dist. marked $\frac{1}{2}$ S.B.T.
 E. stem of a stool white oak 10 ins.dia.brs. N.3°E.20 lks. dist. marked $\frac{1}{2}$ S.B.T.
 40.21 W. stem same stool oak 7 ins.dia. in line, cut 2 notches on N. and S. sides.
 Descend precipitous bluff.
 41.75 Bottom of narrow, rocky canon, with springs and cascades, crs.S.E. -50
- July 7, 1898.
- 42.75 Ascend precipitous rocky bluff, just W.of steep ridge-angle of hillside.
 47.50 Leave trees; top of the bluff +200
 52.00 Ridge sloping S.E. +75
 61.00 Enter small prairie, say 2 acres, which cross near W.end;leave brush brg. E. and W.
 64.00 Leave prairie and re-enter brush brg. E. and W.
 64.50 Summit of broad Mt.brg.S.E. Soon begin gentle descent. +100
 76.00 Gully, crs. N.W.
 77.50 Ridge, sloping N.W. -50
- 80.00 Set a limestone 30x12x8 ins.seated in bedrock, in a mound of stones on the steep slope of a point of ridge for cor.to Secs.21, 22,27 and 28; marked with 2 notches on S. and 3 notches on E. edges; and raised a mound of stones 2 ft. high $3\frac{1}{2}$ ft.base on W. side; from which -
- The E. stem of a white oak 20 ins.dia. N.84°W. 90 lks.dist. marked S. 21, T.7 N. R.15 W. B.T.
- Land broken Mt. S. 50.00 chs. N. 30 chs. rolling mountain top. Soil, of broken country 4th rate; of mountain top S. part loam 1st.and 2d.rates, W. slope washed and hard pan, 3d.and 4th.rates. Timber, a few trees-pines and small oaks in middle canon. 77.00 chs. mountainous and brushy lines.
-
- East on a random line bet. Secs. 22 and 27; Va.15°10'E.
 Change of Va. due to local causes.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
 80.08 Fall 22 lks. S. of cor. to Secs. 22, 23, 26 and 27
 Thence I run
 S. 59°50' W. on the true line bet. Secs. 22 and 27. Va. 15°00'E.

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

	In scattering pines and small oaks; Descend.	
1.00	Steep valley descending N. 60 lks. wide.	-25'
3.15	Ridge brg. N.N.W. thru brush	+20
6.50	Ravine crs. S.S.W.	-40
9.50	Hill ridge, sloping S. open brush	+25
13.50	Valley, crs. S.W.	-30
19.00	Ridge brg. S.W. leave trees:	
23.00	Foot of hills, in bottom of Lake Canon, fence brg. N. and S. enter vineyard.	-40
25.75	Leave vineyard.	
25.90	Left bank of Lake River, 4 ft. deep;	
26.25	Center of stream 10 lks. wide, $\frac{1}{2}$ lk. deep, course south.	
26.75	West bank of the river.	
27.00	Road N. and S. enter orchards and improved land.	
	The house of Louis H. Mayet brg. N. 50° E., 5.50 chs. dist.	
	The house of David Maxwell brg. S. 41° W., 9.00 chs. dist.	
	The house of Cyrus Maxwell brg. S. 11° W. 22.00 chs. dist.	
29.00	Fence brg. N. and S.	
36.00	Across valley and improved fields. Ascend E. point of Mt. general brg. of valley N. and S.	
40.04	Set a stone 18x10x5 ins., 12 ins. in the ground on W. slope 50 lks. N. of ridge descending E., for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; and raised a mound of stones and earth 2 ft. high $\frac{3}{4}$ ft. base on S. side.	+60'
43.35	Ravine, or valley, descends E.N.E.	-30
50.50	Spur brg. N.	+120
54.75	Ravine, crs. N.E.	-60
57.75	Spur brg. N.	+70
60.25	Ravine, crs. N.N.E.	-50
62.50	Spur, brg. N.N.E.	+60
64.30	Ravine, crs. N.	-50
66.60	Spur brg. N.N.W.	+60
68.50	Ravine, crs. N.N.E.	-40
70.50	Spur brg. N.N.E.	+60
	Over a sag sloping N. Ely.	
74.25	Summit - ridge sloping N.E.	+40
80.00	Steep stony arroyo 6 ft. deep, crs. W. of N.	-20
80.08	The cor. to Secs. 21, 22, 27 and 28. Land, mountainous and valley. Soil, alluvial bottom 1st. rate, hills 2d. 3d. and 4th. rates. Timber, a few pines and small oaks E. of the Canada. 67.08 chs. mountainous and brushy lines.	+ 5

July 8th, 1898.

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

	N. 0° 26' W. between Secs. 21 and 22;	Va. 15° 10' E.	
	Descend the Mt. thro scattering timber.		
0.20	Stony arroyo crs., N.W.W.		-10'
2.50	Brow of bluff, descend into canon		-50
6.00	Foot of bluff - bottom of Digman's Canon with a small spring - crs. N.E.		-120
6.75	Ascend rocky bluff out of canon		
12.00	Brow of bluff, brg. N.E.		+110
17.00	Top of Mt. brg. N.E.		+30
24.00	Deep ravine, crs. N.E.		-100
27.50	Ridge sloping N.E.		+80
33.00	Foot of Mt. bearing E. and W. just E. of the mouth of a branch canon, across which the Mts. trend Nly.; enter the Canada of "Pine Canon".		-100
39.75	Wire fence brg. E. and W. Digman's inclosure; Mt. brg. N.W.		-30
40.00	Set a stone 16x8x8 ins., 12 ins. in the ground, bounded by buried stones, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which -		
	A black oak 10 ins. dia. brs. S. 65° W. 140 lks. dist. marked $\frac{1}{4}$ S.B.T.		
	A buckeye 8 ins. dia. brs. S. 43° E. 130 lks. dist. marked $\frac{1}{4}$ S.B.T.		
40.10	Enter wash of high water, crs. from W.N.W. to E. bank 1 ft. high;		
62.50	Principal water channel of the Canada, now dry, crs. S.E.		
65.00	Road brg. W.N.W. and E.S.E.		
69.50	Leave washes (bottom) brg. E.S.E. bank 5 ft. high; ascend low base of the Mts.		
80.00	Set a stone 19x14x12 ins. 14 ins. in the ground for corner to Secs. 15, 16, 21 and 22, marked with 3 notches on S. and E. edges; raised a mound of stones 2 ft. high 3 ft. base alongside.		+60
	Land, S. $\frac{1}{2}$ mile mountainous; N. $\frac{1}{2}$ mile even bottom of the Canada. Soil, mostly hardpan, stony or wash, 3d. and 4th rates. Timber, scattering pines nearly the whole mile; a few oaks, manzanitas, and buckeyes. Repeated fires are destroying these woods.		
33.00	Obs. mountainous and brushy lines.		

July 8th, 1898.

	East on a random line bet. Secs. 15 and 22.	Va. 15° 00' E.	
40.00	Set a temp. $\frac{1}{4}$ sec. cor.		
80.32	Fall 7 lks. S. of cor. to Secs. 14, 15, 22 and 23; Thence I run S. 89° 57' W. on the true line bet. Secs. 15 and 22.		
		Va. 14° 40' E.	
	Thro brush opening.		
3.50	Descend bluff; enter scattering timber.		-30'
8.00	Ravine in the side of the Mt. crs. N.W.		-60
9.50	Ridge descending to N.W.		+30

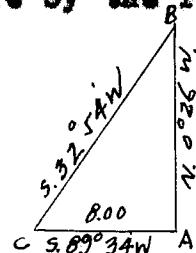
Subdivisions of T. 7 N., R. 15 W., S.B.M.

- 15.00 Foot of Mts., enter E. end of small valley - prairie bottom at 3.00 chs. S. from opening into Hughes Canon -150
- 18.00 Enter cultivated fields.
- 30.00 The cabin of R.B. Burns brs. S. 2.75 chs. dist.
- 40.16 Set a stone 19x7x4 ins. 13 ins. in the ground in the middle of the valley (bottom land about 6.00 chs. wide) for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, from which -
- A pine 16 ins. dia. brs. S. $22\frac{1}{2}^{\circ}$ E. 249 links dist. marked $\frac{1}{4}$ S.B.T.
A pine 10 ins. dia. brs. N. $4\frac{1}{2}^{\circ}$ W. 260 lks. dist. marked $\frac{1}{4}$ S. B.T.
- 56.50 Leave plowed fields, brg. N. and S.
- 63.00 Foot of brushy Mts. spurs - leave valley and trees - brg. N. and S. +40
- 66.00 Spur, sloping S. +60
- 69.50 Ravine, crs. S. -50
- 71.00 Spur, sloping S. +60
- 75.50 Foot of spurs; enter a bay of Pine Canon, brg. N. and S. with some small oaks. -150
- 80.32 The cor. to Secs. 15, 16, 21 and 22
Land, mesa, valley and mountainous.
Soil, alluvial, and washed, 1st. 2d. and 3d. rates.
Timber, occasional pines and a few scrub oaks.
27.50 chs. mountainous and brushy lines.

July 19, 1898.

- 2.00 N. $0^{\circ}26'$ W. bet. Secs. 15 and 16. Va. $15^{\circ}00'$ E.
Foot of precipitous side of Mt. over which I measure by the following triangulation.

From the sec. cor. called "A", I send a flag to brow of Mt. to point called "B", brg. N. $0^{\circ}26'$ W., also from A turn off angle 90° W. (S. $89^{\circ}34'$ W.) and in this bearing



measure 8.00 chs. to "C" for a base, which point "C", brs. S. $32^{\circ}54'$ W. from "B"; thence the distance triangulated is 12.16 chs. Set a post in mound of earth marked W.P. for Wit. point; thence forward from B. 14 lks.

- 12.30 Enter rolling top of Mesa Mt. +350
- Thro standing blackened poles of heavy brush recently burned.
- 18.50 Descend from swell of Mt. top. +30
- 19.90 Ravine, crs. E. -25
- 21.00 Ridge brg. E. +20
- 21.60 Arroyo of small valley brg. E. -15
- 23.75 Ridge brg. N.E. +30
- 27.25 Ravine, Crs. E. -10
- 28.50 Ridge brg. E. +15

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

29.35	Ravine, crs. E.	-10
37.25	Summit on W. slope of round hill	+60
40.00	Bottom of valley, crs. W.	-20

Set a stone 17x8x4 ins. 15 ins. in the ground just N. of a slight arroyo coursing W. for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on W.face; dug pits 15x15x12 ins. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $3\frac{1}{2}$ ft.base along side. Leave brush and enter prairie and fields brg. E. and W.

48.50	Summit of Mt. brg. E. and W.	+50
	Gently descend.	
56.00	Enter orchard of Albert Rhoads.	
70.50	Road E. and S.W.; the house of Albert Rhoads brg. S. 40° W. about 10.00 chs.distant; leave prairie and fields enter open brush and burnt stumps.	-60
73.00	Ridge sloping W. just W. of stony ridge brg. N.	+15
77.40	Valley sloping W.	-25
79.00	Top of the spur brg. N.	+20

80.00 Set a stone 22x10x8 ins., 16 ins. in the ground for cor. to Secs.9, 10,15 and 16; marked with 4 notches on S. and 3 notches on E.edges; raised a mound of stones 1 $\frac{1}{2}$ ft.high 2 $\frac{1}{2}$ ft.base alongside.

Land, rolling and mountain slopes.
Soil, alluvial, and rocky slopes 1st, 2d. and 4th rates.
No timber.
49.50 chs. mountainous and brushy lines.

July 21, 1898.

40.00 East on a random line bet. Secs. 10 and 15. Va.15°00' E.
Set temp. $\frac{1}{4}$ sec. cor.
80.14 Intersect the W. bdy. of Sec.11 at 3.00 chs. N. 0°29' W. of the W. cor. of Secs.11 and 14; set a stone 24x8x8 ins., 18 ins. in the ground, for East (closing) corner to Secs.10 and 15, marked with 4 notches on S. 2 notches on E. and N. and C.C. on W. faces; raised a mound of stones 2 ft. high and 3 ft. base at W. side of corner stone, from which -

A pine 30 ins.dia.brg.S.67 $\frac{1}{2}$ ° W.105 lks.dist.marked C C S 15, B.T.

Thence I run-

West on the true line bet. Secs. 10 and 15, Va. 14°45' E.

Change of Va. is due to local causes.

Descend stony slope, thro scattering timber and open brush.

2.00	Pine 12 ins. dia. line tree	
2.10	Arroyo - bottom of ravine crs. S.E.	
3.75	Bottom of main ravine from W.S.W. crs. easterly; 20 lks. above junction of last arroyo.	-80

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

7.65	Nose of hill pointing S.	+60
9.75	Ravine from N. to S.E. ascend Leave pines - enter thick brush	-50
16.60	Top of spur brg. E. S.E.	+200
21.40	Arroyo in ravine crs. S.E.	-100'
22.30	Ridge brg. N. and S.	+15
24.30	Arroyo crs. N.E.	-10
32.10	Top of spur brg. N.E.	+120
35.30	Ravine crs. N.E.	-60
40.07	Set a stone 15x16x6 ins., 14 ins. in the ground and a mound of stones on easterly slope, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; dug pits 15x15x12 ins. E. and W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside.	
43.50	Top of spur brg. N.E.	+50
45.85	Ravine crs. N.E.	-60
50.00	Spur brg. E.S.E. with scattering trees.	+50
56.00	Road brg. N.E. and S.W. leave brush and trees; enter N. end of prairie with border of trees and brush.	
59.50	Head of valley crs. N.E.	
62.00	House of Fred. Trudell brs. S. about 20.00 chs. dist.	
67.00	Leave prairie; enter burnt brush brg. N. and S. and descend	+75
70.00	Ravine, crs. N.	-75
73.00	Spur brg. N.	+80
75.00	Stony ravine crs. N.	-60
79.00	Stony spur brg. N.	+70
80.14	The cor. to Secs. 9, 10, 15 and 16. Land, mountainous. Soil, loam and washed slopes, 1st. 2d. and 3d. rates. Timber, a few pines. 63.14 chs. mountainous and brushy lines.	

July 22, 1896.

40.00	N. $0^{\circ}26'$ W. on a random line bet. Secs. 9 and 10; Va. $15^{\circ}00'$ E. Set temp. $\frac{1}{4}$ sec. cor.	
76.25	Fall 23 lks. E. of cor. to Secs. 3 and 10; Thence I run S. $8^{\circ}36'$ E. on the true W. bdy. of Secs. 10; Va. $15^{\circ}05'$ E.	
1.75	Through heavy brush. Ascend hills, leave trees.	
8.25	Spur brg. E.	+75
10.75	Ravine, crs. N. of E.	-50

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

12.75	Spur brg. E.	+60
15.00	Ravine, crs. E.N.E.	-50
17.75	Ridge, brg. E.	+45
20.75	Ravine, crs. N.E.	-40
25.75	Ridge, brg. N.E.	+40
28.75	Stony spur brg. E.	+50
35.85	Arroyo in valley, crs. E.	-70
36.25	Set a stone 18x10x5 ins. 12 ins. in the ground on a N. slope for 1 st sec. cor. marked 1 on W. face; raised a mound of stone 1 1/2 ft. high 2 1/2 ft. base alongside; from which corner, and X mark with B.R. out on a boulder 10x10 ft. above ground brs. N. 19° W. 78 lks. dist.	
38.75	Top of flat spur brg. E.	+40
	Over stony slopes	
42.25	Ravine, crs. E.	-60
44.75	Spur brg. E.	+50
46.75	Foot of hills in bottom of dry water channel 40 lks. wide crs. E.; 5.00 or 6.00 chs. below this intersection the canon is narrow and stony with course to N.E.	-60
48.10	Road brg. E. and W.	
49.75	Across the canon or canada, at foot of hills brg. E. and W. about 2.00 chs. W. of the N.E. point of a spur hill.	
	Ascend thro' open brush.	
53.50	Top of E. slope of the hill.	+75
56.75	Arroyo- bottom of ravine crs. N.E. about 3.00 chs. above a tunnel, head of water pipe brg. N.E.	-25
	Ascend point of Mt. a little W. of its ridge.	
76.25	The cor. to Secs. 9, 10, 15 and 16.	+500
	Land, mountainous. Soil, alluvial and stony (boulders) 2d. and 3d. rates. No timber, except an occasional pine. 73.25 chs. mountainous and brushy. lines.	

July 22, 1898.

From the cor. to Secs. 32 and 33 in the S. bdy. of the township,
already described, I run (in the course of the E. bdy. of the twp.)

N. 0°26' W. bet. Secs. 32 and 33.

Va. 15°40' E.

Change of Va. due to unknown local causes.

Thro heavy brush; over stony ground, ascend along W. slope.

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

- 1.00 At a X mark cut on top of W. and of rock cropping out of the side of the Mt. 5 ft. high 2 ft. across, on steep ridge or angle of the Mt. slopes, descending N.W.
- Descend rolling slope facing N.
- 16.00 Gully bottom of ravine; crs. N.N.W. -300'
- 21.00 Top of N. slope (bluff) of ravine +40
- 26.00 Foot of Mt. brg. S.W. and soon E.N.E., in dry channel of Lake River -200
50 links wide, 3 ft. deep and following the trend of the mountains.
- Leave Mt. brush (oak and greasewood) and a skirting of scrub oaks; enter bottom of Laguna Canada and thickets of willows; over washes of high water.
- 33.50 Leave willows and river wash, N. bank 6 ft. high.
- 34.00 Road brg. W.S.W. and E., enter greasewood brush.
- 35.75 Foot of hills; ascend
- 37.25 Top of spur brg. E.S.E. about 5.00 chs. to point +60
- 38.30 Foot of ridge; enter branch valley with openbrush. -20
- 40.00 Set a stone 16x8x5 ins. 11 ins. in the ground. for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; dug pits 16x16x12 ins. N. and S. stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base along-side.
- 41.75 Ascend brushy ridge
- 43.50 Top of the spur, brg. S.E. 3.00 chs. to its point. +30
- 45.50 Foot of ridge, into branch valley -50
- 48.00 Arroyo 20 lks. across -ascend.
- 52.50 Top of crooked spur, brg. easterly +70
- 58.50 Ravine, head of valley, descend S.E. -40
- Ascend uneven slopes
- 68.50 Shoulder of spurs brg. S.W. and S.S.E.
- 70.50 Top of main Mt. just below its W. end +225'
Descend steep slope facing N.N.W. with scattering manzanitas and clumps of rank brush.
- 79.50 Foot of Mt. in rock of channel of Aliso or Deer Canon 15 lks. wide 6 ft. deep with water pools - and 50 lks. above Rock Springs; also with borders of sycamores; crs. of creek S.S.W. +360
- 80.00 Set a stone 22x9x5 ins. 16 ins. in the ground, on S.E. slope for cor. to Secs. 28, 29, 32 and 33, marked with 1 notch on S. and 4 notches on E. edges; from which -
- A sycamore 4 ins. dia. brs. N. 43° E. 29 lks. dist. marked S. 28, T. 7, N., R. 15 W., B.T.
- A sycamore 4 ins. dia. brs. S. 38 $\frac{1}{2}$ ° E. 60 lks. dist. marked S. 33 T. 7 N. R. 15 W., B.T. +15
- No trees in other secs.
Land, mountainous and valley.
Soil, stony washed slopes, and wash 2d. and 3d. rates.
Timber, small oaks, willow, manzanita and sycamore
78.00 chs. mountainous and brushy lines.

July 12, 1898.

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

	East on a random line bet. Secs. 28 and 33.	Va. 15°00'E.
	Change of Va. due to local causes.	
40.00	Set temp. & sec. cor.	
80.36	Fall 11 lks. N. of cor. to Secs. 27, 28, 33 and 34; Thence I run-	
	N. 89°55' W. on the true line bet. Secs. 28 and 33; Va. 14°45'E. Across barren stony spurs brg. southerly, thru sparse brush; Ascend;	
1.35	Ridge of spur brg. S.E.	+20
4.75	Ravine, crs. Sly.	-75
7.60	Spur brg. S.	+80
10.25	Ravine, crs. S.E.	-70
12.20	Spur brg. S.E.	+75
14.50	Valley brg. Sly.	-40
17.00	Spur, brg. S. Ely.	+50
22.00	Ridge brg. S.S.W.	
30.50	Ravine, crs. S.	-150
37.00	Spur brg. S.	+180
40.18	Into bottom of rocky ravine crs. S. out $\frac{1}{4}$ over + mark for $\frac{1}{4}$ sec. cor. on S. face of rock precipice at E. side of arroyo of a wet weather cascade, and 20 lks. W. from S.E. angle of rock out of ground. The marks are 8 ft. above the foot of the cascade and 10 ft. below top of rocks.	-100'
41.65	Branch arroyo crs. S.E. ascend.	
44.00	Top of spur brg. Sly.	+120
46.00	Valley descending S.	-40
47.80	Ridge sloping S.S.W.	+50
52.50	Ravine, crs. S.S.W.	-125
57.75	Spur brg. Sly.	+125
63.75	Ravine, crs. S.	+125
66.75	Spur brg. S. connecting Mt. at S.W. with Mt. N; descend steep slope and along S. side of valley formed by Mts. N. and S.W. - a few small oaks in valley and clumps of small sycamores at foot of Mts.	+150
80.00	Foot of Mt. in water channel of Aliso Canon 10 lks. across 5 ft. deep - rock bottom.	-375
80.36	The cor. to Secs. 28, 29, 32 and 33. Land, mountainous. Soil, stony and alluvial, 2d. and 4th. rates. No timber, except the ^{few} small oaks and sycamores on last slope. 80.36 obs. mountainous and brushy lines.	+15

July 12, 1898.

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

	N. 0°26' W. bet. Secs. 28 and 29.	Var. 15°00' E.
3.30	Thro' small sycamores and high brushes;	
7.75	Ridge on side of Mt. sloping E.	+30
	Spur or ridge of Mt. sloping N.E.	+80
	Descend rocky slope	
8.25	Arroyo bottom of valley crs. E.N.E.	-20
10.00	Leave trees and taller brush	
17.75	Ridge descending E.	+120
24.00	Sag or bottom of valley	-20
30.00	Ridge on side of Mt. sloping E.	+100
36.25	Ravine, crs. E.	-120
38.00	Ridge descends E.	+50
40.00	Set a quartzose stone 24x8x6 ins. 18 ins. in the ground on steep east slope, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stones 2 ft. high 3 ft. base, on a ledge of rocks 5 ft. S. of corner; from which - A + mark with B.R. out on a rock 2x3x6 ft. out of ground, brs. S. 46° E., 5 lks. dist.	
41.00	Ravine, brg. E. soon S.E.	-40
42.00	On point of spur sloping S.S.E.	+25
45.00	Arroyo 25 lks. across crs. S.E. soon joins the preceding ravine	-10
	Ascend Mt.	
58.50	Top of ridge of angle of slopes of Mt.	+350
	Along the steep East side of Mt.	
66.00	Descend the slope facing N.E.	
70.00	Dry gully- bottom of narrow canon, 15 lks. wide with precipitous sides; course S.S.E. ascend steep stony side of the Mt. facing S.W.	-100
80.00	Set a stone 26x10x8 ins. 20 ins. in bedrock and a mound of stones, 15 lks. E. of an arroyo crs. S. near top of slope, for cor. to Secs. 20, 21, 28 and 29; marked with 2 notches on S. and 4 notches on E. edges; covered the mound with earth; pits impracticable.	+220'

Land, mountainous.

Soil, alluvial stony and washed slopes, mostly 3d. and 4th. rates. No timber, except a few sycamores at beginning of the line and a few oaks in the canons.

80.00 chs. mountainous and brushy lines.

July 20, 1898.

East on a random line bet. Secs. 21 and 28;

Va. 15°05' E.

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

80.20 Fall 28 lks. S. of cor. to Secs. 21, 22, 27 and 28;

Thence I run

S. 89°48' W. on the true line bet. Secs. 21 and 28;

Va. 15°10' E.

Thro' scattering timber and open brush; descend uneven stony slope.

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

1.90	Bottom of deep ravine, descending North; springs of water 3.00 or 4.00 chs. below; leave trees; ascend.	-50
8.25	Top of Mt. ridge sloping N.	+150
11.75	Arroyo - valley sloping N.	-80
18.75	Top of N. side of Mt. Descend; and into scattering timber	+120
25.75	Deep ravine or branch canon, 200 chs. above junction with Dingman's Canon	-200'
27.00	Top of N. point of a spur	+30
30.75	Cross reef of rocks 20 ft. wide, brg. N. and S. and along N. slope of Mt.	
40.10	Point for $\frac{1}{4}$ sec. cor. falls on crumbling sliding slope in sag or slight valley descending N.	
41.60	Set a stone 24x8x4 ins. in a mound of stones on top of a reef of rocks near the beginning of its steep slope over N. point of a narrow rocky spur, and about 1 ch. S. and 80 ft. above the S. fork of Dingman's Canon, for a witness corner to the $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ W.C. on N. face; from which; A pine 20 ins. dia. brs. S. 25 $\frac{1}{2}$ ° E. 48 lks. dist. marked W.C. $\frac{1}{4}$ S.B.T. A pine 24 ins. dia. brs. N. 29 $\frac{1}{2}$ ° W. 30 lks. dist. marked W.C. $\frac{1}{4}$ S.B.T.	
43.10	Descend precipitious slope. Deep ravine crs. N.N.E. Ascend.	-70
47.00	Top of hill lying E. and W.	+100
53.00	Valley crs. W.N.W. Leave trees.	-40
67.00	Sloping ridge on N. side of Mt. Over rolling Mt. top.	+60
76.00	Divide bet. the Pine and Laguna Canons, brg. W.N.W. and E.S.E.	+50
80.20	The cor. to Secs. 20, 21, 28 and 29. Land, mountainous. Soil, stony, 3d. and 4th. rates. Timber, scattering oaks and pines in canons. 80.20 chs. mountainous and brushy lines.	

July 20, 1898.

	N. 0°26' W. bet. Secs. 20 and 21.	Va. 15°05' E.
1.60	Top of Mt. -divide brg. E. and W.	+10'
2.00	Arroyo of small ravine crs. E.	+15
2.50	Ridge, spur brg. E.	
10.50	Descend bluff brg. Ely. (a few trees)	
14.00	S. fork of Dingman's Canon - from S.W. and bends to crs. E.	-100
19.25	Top of N. bluff brg. Ely. Gently ascend.	+110
33.00	Top of broad spur Mt. Descend rolling N. slope of Mt.	+40

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

- 40.00 Set a stone 14x12x4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stones $1\frac{1}{2}$ ft. high $2\frac{1}{2}$ ft. base at W. side; -50
- Continue rolling descent
- 47.50 Enter pine openings, continue descent, over a point of the Mt.
- 60.00 Bottom of Forsyth's Canon crs. N. 30° E. just W. of sharp point of -300' Mt. formed by branch from S. S. E.; cross rills and springs of water.
- 62.50 Top of sharp ridge - spur brg. N. E. +60
- 65.50 Dry branch canon crs. N. E. -65
- 67.50 Ridge sloping N. E. +40
- 69.00 Head of valley descending E.; leave timber; ascend along S. E. slope of Mt.
- 76.00 Foot of Mt. rising to the S. W. on elevated base or step in the side of the Mt.
- 80.00 Set a stone 12x8x6 ins. 10 ins. in the ground on the N. E. slope, for cor. to Secs. 16, 17, 20 and 21, marked with 3 notches on S. and 4 notches on E. edges; raised a mound of stones 2 ft. high 3 ft. base alongside.
- Land, mountainous.
- Soil, stony and washed 2d. 3d. and 4th. rates.
- Timber, fir pines along Forsyth's Canon. July 25, 1898.
- 80.00 chs. mountainous and brushy lines.
-
- East on a random line bet. Secs. 16 and 21; Va. $15^{\circ}00'$ E.
- 40.00 Set a temp. $\frac{1}{4}$ sec. cor.
- 80.26 Fall 62 lks. S. of cor. to Secs. 14, 15, 21 and 22; Thence I run S. $89^{\circ}33'$ W. on the true line bet. Secs. 16 and 21; Va. $15^{\circ}00'$ E. Along the W. side of Pine Canon, in burnt and open brush.
- 8.00 Top of ridge 20 ft. high, about 2.0 chs. S. of foot of Mt. and 5.00 chs. N. of its point; descend the ridge.
- 28.50 About 2.00 S. of a point of the Mt. rising N. angle in trend of Canada from N. W. to nearly E.
- 31.25 Road brg. N. W. and S. E. (enter scattering timber.
- 36.00 Road brg. N. E. and S. W.)
- 39.70 Enter wash of high water, crs. S.
- 40.13 Set a stone 14x10x6 ins. bounded by stones 10 ins. in the wash, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; from which:
- A pine 20 ins. dia. brs. S. 69° W. 175 lks. dist. marked $\frac{1}{4}$ S. B. T.
- A pine 8 ins. dia. brs. N. $13\frac{1}{4}^{\circ}$ E. 165 lks. dist. marked $\frac{1}{4}$ S. B. T.
- House of Forsyth brs. S. 46° W. about 15.00 chs. dist.
- 41.30 Leave wash brg. S. soon bend S. E.
- 42.50 Leave bottom of the Canada and ascend isolated hill, thro' thick brush; leave trees.
- 48.00 About 2.00 chs. S. of round top of hill (hill 10.00 x 8.00 chs.) +80'

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

58.00	Foot of hill in bottom of valleys brg. E.S.E. and N.W. enter scattering trees and clumps of thickets.	-60
69.75	Leave valley brg. N. and S. ascend brushy Mt.	
73.00	Top of spur from S.W. brg. N.	+45
77.75	Head of ravine sloping N. 150 S. of junction	
79.25	N. point of spur, brg. N.E.	+30
79.75	Short ravine brg. N.E. ascend	-20
80.26	The cor. to Secs. 16, 17, 20 and 21	+30

Land, Canada bottom and mountainous.
Soil, wash, loam and hardpan.
2d, 3d. and 4th. rates.
Timber, a few pines and small oaks.
56 obs. mountainous and brushy lines.

July 25, 1898.

N. 0°26' W. bet. Secs. 16 and 17.

Va. 15°00' E.

	Descend brushy Mt.	
1.40	Bottom of ravine crs. from S.W. to E.	
4.25	Ridge brg. E.	+40
10.20	Foot of Mt. in a skirting of small oaks- enter bottom of Pine Canon; brg. E. and W. and scattering pines.	-200
(12.70	Road brg. E. and W.)	
14.70	Enter high water wash crs. E.	
18.50	Leave wash and bottom brg. E. and W. ascend bluff about 20 ft. high to a brushy bench - base of Mt. leave trees.	
35.00	Foot of steep stony side of Mt. brg. E. and W. and ascend.	
40.00	Set a stone 21x10x5 ins. 16 ins. in the ground, on steep slope 25 lks. E. of the ridge or angle descending the Mt. side E.S.E. for 4 sec. cor. marked 4 S. on W. face; raised a mound of stones 1 1/2 ft. high, 3 ft. base at N. side	
45.25	Brown of slope	+700'
	Over rolling top of Mesa Mt.	
46.00	Enter E. end of small prairie, brg. N.E. and S.W.	
49.00	Summit of Mt. divide brg. N.W. and E.	
51.00	Leave prairie brg. E. and W. enter timber and dense brush-descending.	
58.00	Valley crs. N.E.	-50
61.50	Spur brg. N.E.	+30'
64.00	Ravine, crs. N.E.	-70
68.00	Spur brg. N.E.	+30
70.00	Ravine, crs. N.E.	-40
72.00	Spur brg. N.E.	+20
74.25	Ravine, crs. E.N.E.	-40
77.00	Spur brg. E.N.E.	+30
	Descend slope of small oaks.	

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

80.00 Set a stone 20x5x7 ins. 15 ins. in the ground on N.slope, for cor. to Secs. 8,9, 16 and 17, marked with 4 notches on the S. and E. edges; from which-

A black oak 5 ins.dia. brs. N.10 $\frac{1}{2}$ ° W.40 lks.dist. marked S.8, T. 7 N. R.15 W., B.T.

A white oak 4 ins.dia. brs. S.78 $\frac{1}{4}$ ° E.19 lks.dist., marked S.16, T. 7 N. R.15 W., B.T.

A white oak 4 ins. dia. brs. S. 8° W.16 lks.dist., marked S.17, T. 7 N. R.15 W., B.T.

A black oak 5 ins. dia. brs. N.53° E.20 lks.dist., marked S.9, T. 7 N.,R.15 W., B.T.

Land, mountainous and valley.

Soil, loam, wash and stony, 2d. 3d. and 4th. rates.

Timber, a few pines and small oaks.

66.70 chs. mountainous and brushy lines.

July 25, 1898.

40.00 East on a random line bet. Secs. 9 and 16; Va. 15°05'E.
Set a temp. $\frac{1}{4}$ sec.cor.
80.30 Fall 60 lks. S. of cor. to Secs. 9, 10, 15 and 16
Thence I run
S. 89°26' W. on the true line bet. Secs. 9 and 16; Va.15°00' E.
Thru burned brush; descend stony hill;

3.50	Bottom of ravine crs. N.	-80
6.75	Spur brg. N.	+60
14.00	Ravine crs. N. enter dense brush	
16.00	Spur brg. N.	+60
21.25	Ravine, crs. N.	-75
23.75	Spur brg. N.N.E.	+60
26.75	Ravine, crs. N.N.E.	-70
30.50	Spur brg. N.N.E.	+60
35.00	Ravine crs. N.N.E.	-40
37.00	Spur brg. N.N.W.	+70

40.15 Set a stone 18x16x10 ins. 12 ins.in the ground on W.slope for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on N.face; raised a mound of stones 1 $\frac{1}{2}$ ft.high 2 $\frac{1}{2}$ ft. base alongside.

40.50	Foot of slope in arroyo crs.N.N.W.at junction of ravine arroyos from S.E. and S.W.	-75
44.50	Spur brg. N.	+60
50.25	Enter scattering pines.	
54.00	Bottom of valley -branch canon, crs. N.	-100
55.50	Spur brg. N.N.E.	+40
58.00	Ravine crs. N. about 50 lks. above junction with canon from W.to N.E.	-30

Along side of hills on S. side of canon.

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

62.75	On N. point of a hill opposite junction of stony arroyos in ravines.	+25
67.25	Branch ravine, crs. N.E.	-20
70.50	Point of spur, from S.S.W. bends N. Descend along N. slope of same.	+30
80.30	The cor. to Secs. 8, 9, 16 and 17. Land mountainous. Soil, loam, some stony, 2d. rate. Timber, scattering pines and small oaks. 80.30 chs. mountainous and brushy lines.	
July 25, 1898.		
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40.00	N. 0°26' W. on a random line bet. Secs. 8 and 9; Va. 15°00' E. Set temp. $\frac{1}{4}$ sec. cor.	
75.92	Fall 7 lks. W. of cor. to Secs. 4 and 9. Thence I run S. 0°23' E. on the true line bet. Secs. 8 and 9; Va. 14°50' E. Over stony ground; occasional trees all along this line; descend.	
1.20	Bottom of ravine, crs. N. of E. Ascend.	-30'
10.60	Spur brg. E. then N.N.E.	+70
13.60	Valley crs. E.	-20
16.20	Spur brg. E.	+30
24.70	Ravine crs. E.N.E.	-200
34.75	Leave brush brg. E. and S.	
35.92	Top of spur brg. E., joins Mt. to the W. about 5.00 chs. dist. by a narrow ridge. Set a manzanita post 3 ft. long, 3 ins. square, 1 foot in the ground at W. point of a small prairie (plowed land) for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, with a stone 8x6x4 ins., marked $\frac{1}{4}$ on top and set to surface of the ground at S. side of post; raised a mound of stones and earth around the post 1 ft. high, 3 ft. base.	+250
36.75	Descend hill brg. E. and W.	
39.95	Draw or valley sloping S.E. Over rolling ground.	-80
42.95	Ravine, from nearly S. crs. N.E. along W. side of crooked ravine	-80
52.75	Leave same, now coming from the S.W., ascend.	
58.20	Road following top of spur brg. N.N.E.	
65.95	Ravine, crs. E. leave pines.	-10
67.00	Ridge brg. E.	+10
69.45	Ravine, brg. E.N.E.	-10
71.20	Spur brg. E. descend.	+40
75.20	Ravine brg. E. with small oaks.	-150
75.92	The cor. to Secs. 8, 9, 16 and 17. Land, mountainous. Soil, loam, stony and washed, 2d. and 3rd. rates. Timber, a few pines and small oaks. 75.92 chs. mountainous and brushy lines.	
Aug. 1, 1898.		

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

From the cor. to Secs. 31 and 32 in the S. bdy. of the township, already described, I run (in the course of the East bdy. of the twp) N. 0°26' W. bet. Secs. 31 and 32. Va. 15°05' E.
Thro' thick brush.

1.00	Ascend hillock.	
3.50	Top of hillock on spur brg. W.S.W.	+100
	Descend.	
9.00	Ravine, crs. S. of W., soon enters valley from N.N.E.	-100
	Ascend over rolling ground on E. slope of low spur from the N.	
40.00	Set a manzanita post 3 ft. long 4 ins. sq. with 2 cubical pieces of white quartz in a hole 8 ins. deep dug in the bedrock at top of the spur, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stones and earth $1\frac{1}{2}$ ft. high around post; pits impracticable;	
41.00	Top of hill, on the spur from N.N.W. to S.S.W.	+200'
	Ascend along E. side of ridge;	
52.50	Cross Mt. brg. E. and W. in W. side of a saddle in its crest	+250
	Descend.	
69.00	Steep valley descend N.W.	
73.50	Rocky ridge descend W.N.W.	
74.50	Enter thicket of small oaks and alders.	
75.50	Foot of slope in arroyo, with springs, 5 ft. deep, 10 lks. across, crs. S.W.	-300
76.50	Leave thicket and trees.	
80.00	Set a stone 24x12x3 ins. 20 ins. in bedrock and mound of stones at head of short valley or draw descending E.S.E. for cor. to Secs. 29, 30, 31 and 32; marked with 1 notch on the S. and 5 notches on E. edges; raised a mound of earth $1\frac{1}{2}$ ft. high and $3\frac{1}{2}$ ft. base, alongside; regular pits impracticable.	
	Land, mountainous.	
	Soil, loam and stony, 3d. and 4th rates.	
	Timber, a little oakweed in ravines.	
	80.00 obs. mountainous and brushy lines.	July 13, 1898.

East on a random line bet. Secs. 29 and 32; Va. 14°50' E.

40.00	Set a temp. $\frac{1}{4}$ sec. cor.	
50.12	Fall 30 links N. of cor. to Secs. 28, 29, 32 and 33;	
	Thence I run-	
	N. 89°47' W. on the true line bet. Secs. 29 and 32; Va. 14°45' E.	
	Ascend stony Mts. thro open brush.	
4.00	Point of spur brg. S.S.E.	+100
7.00	Ravine, crs. E.S.E.	-50
9.25	Spur brg. S.S.E.	+100
10.00	Ravine, crs. S.E.	-30
14.50	Ridge, brg. S.E.	+80
17.00	Spur brg. S.E.	+40'
19.50	Ravine, crs. S.S.E.	-30
21.75	Spur, brg. S.S.W.	+60
31.00	Canon crs. E.S.E. with oaks and tangle of vines and brush.	

Subdivisions T. 7 N., R. 15 W., S.B.W.

	Ascend rocky Mt.	
34.00	Steep arroyo from W. to N.E.	
40.06	Set a stone 26x10x8 ins. in a ledge against the S. face of rock cropping out of steep hillside, 6 ft. by 2 ft. high, 50 lks. N. of the arroyo of valley descending to the E. for $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ on top end of stones, bounded the same by stones, and raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base, on the rock N. side.	+200'
56.75	Top of Mt. brg. N. and S. Along the S. side of hill	+550
60.00	Top of shoulder of spur brg. nearly W. Descend along N. side of ridge.	
71.00	Ravine crs. N.W.	-150
72.00	Hill, sloping N. descend.	+25
77.00	Arroyo, bottom of valley crs. S.W. Ascend in slight valley or draw	-225
80.12	The cor. to Secs. 29, 30, 31 and 32. Land, mountainous. Soil, stony and rocky, 3d. and 4th. rates. Timber, a few oaks in deep canons. 80.12 chs. mountainous and brushy lines.	+20
July 13th, 1898.		

	West on a random line bet. Secs. 30 and 31;	
40.00	Set a temp. $\frac{1}{4}$ sec. cor.	
84.00	Intersect the W. bdy. of the Twp. at 44 lks. N. of cor. to Secs. 30, 31 (25 and 36) already described.	
	Thence I run-	
	N. $89^{\circ}42'$ E. on the true line bet. Secs. 30 and 31; Va. $14^{\circ}45'$ E.	
1.25	Into middle of Turtle Creek, 25 links wide, 2 ft. deep, crs. S.W. in its bend from E.S.E. to nearly S. crs. with rock basins, and stony bottom and pools of water.	
2.00	Across bottom of canon, ascend steep rocky Mt.	
9.25	Top of spur, sloping S. terminates about 4.00 chs. S. in forks of canon.	+200'
	Descend.	
11.00	Sag or valley sloping S.S.E.	
13.25	Ridge sloping S.	-180
19.75	Foot of Mt. in Elbow Canon, crs. S.S.W. with stream 6 lks. wide, 1 in. deep; about 1.00 chs. above the junction of a branch with water coming from the E.; these streams are tributary to Turtle or Fish Crk.	
	This bottom is densely covered with alders and other small trees.	
21.00	Ascend steep rocky slopes, and along S. side of Mt.	
27.80	Top of spur brg. S.	+200'
29.50	Sag, descending S.	-40
31.50	Ridge descending S.S.W.	+50
34.25	Bottom of ravine, 30 lks. wide, crs. W. with precipitous rocky sides for a height of 30 ft.	-60

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

35.00	Top of rocks; continue ascent	+30
39.75	Top of Mt. brg. S. (ascend)	+150
41.50	Rocky ravine, crs. S. (ascend)	-80
43.00	Top of ridge sloping S.	+60
43.50	As the point for corner falls on sloping surface of smooth hard rock, on which it is impracticable to set a permanent monument, I here plant stone 26x5x6 ins. 19 insl in the ground and bedrock on the S. slope of the Mt., for a Witness Corner to the $\frac{1}{4}$ sec. cor., at 50 lks. W. of true corner; marked $\frac{1}{4}$ on N. face, and W.C. on the top end, and raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base, at N. side;	
43.60	Arroyo descending S.S.W. ascend.	
44.00	Point for $\frac{1}{4}$ sec. cor. on rock slope.	
46.25	Top of Mt. brg. S. near the beginning of S. end slope,	+75'
49.50	Ravine, crs. S.	-70
51.25	Spur brg. S.E.	+60
54.25	Ravine, crs. S.S.W.	-70
58.00	Spur brg. S.	+60
60.25	Ravine, crs. S.	-50
64.75	Spur, brg. S.	+60
67.50	Ravine, crs. S.	-70
69.00	Spur, brg. S.	+40
70.50	Ravine, crs. S.	-35
73.25	Spur, brg. S.	+25
76.25	Ravine, crs. S.	-30
77.75	Spur brg. S.	+20
80.25	Ravine, crs. S.S.W.	-20
83.00	Spur brg. S.W.	+50
84.00	The cor. to Secs. 29, 30, 31 and 32	-25

Land, mountainous.

Soil, rocky 3d. and 4th. rates.

Timber, a few small oaks and alders in the deeper canon.

84.00 chs. mountainous and brushy lines.

July 14, 1898.

N. $0^{\circ}26'$ W. bet. Secs. 29 and 30.

Va. $14^{\circ}50'$ E.

Thro' open brush; ascend.

5.50	Side ridge brg. E.	+100'
16.00	Arroyo in valley crs. S.E.	-40
18.50	Ridge brg. ex S.E.	+50
21.25	Ravine, or valley crs. S.S.E.	-50
27.75	Top of Mt. brg. W.	+250
37.25	Ravine, crs. W. ascend	-80
39.00	Brow of spur brg. W. enter heavy brush	+50
39.75	Descend rocky slope	

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

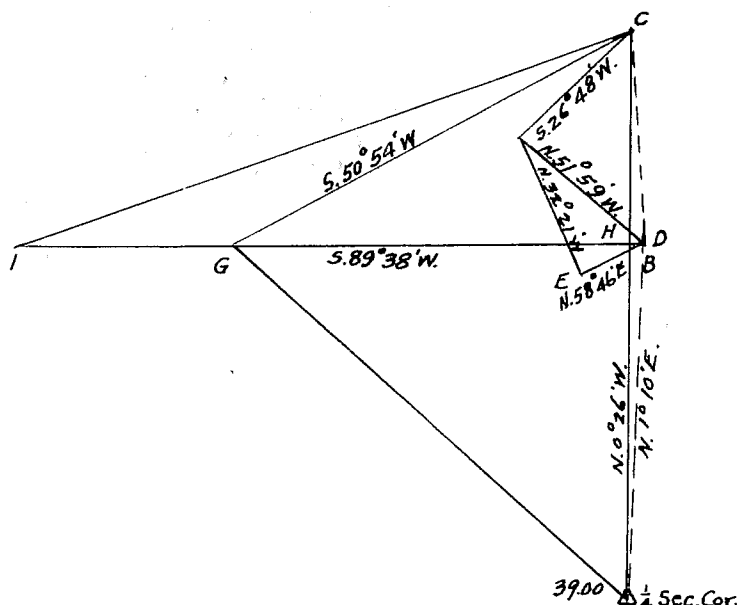
40.00 Set a stone 18x14x5 ins. 12 ins. in the ground, and mound of stones covered with earth, for $\frac{1}{4}$ sec. corner marked $\frac{1}{4}$ on W. face, raised a mound of stones 1 $\frac{1}{2}$ ft. high 2 $\frac{1}{2}$ ft. base, alongside; stony ground, pits impracticable.

As the country forward is very rough - broken with precipitous slopes and deep canons, I measure the next $\frac{1}{2}$ mile by triangulation as follows:-

I set back 1.00 chain to the top of the spur to the point 39.00 chains in this sec. line, for a station "A" thence I range flags forward

N. 0°26' W. to mark points on the bdy. line, called "B" on a flat spur near the next corner; and "C" on shoulder of a spur in the side of the Mt. beyond.

----- Triangulations. -----



At B, I turn off the brg. N. 58°46' E. in which marked point "D"; and reversed the brg. S. 58°46' W. in which marked point "E"; repeated the measure of the line DE and find it 5.17 chs. long for a base.

Set a flag also at F, on apex of a hill (in the spur from C) which brs. N. 32°21' W. from "E" and N 51°59' W. from "D"; thence I find dist. DF = 15.384 chs. for a new base.

From "C", the point "D" brs. S. 2°29' E., and "F" brs. S. 26°45' W. hence I find CD = 30.851 chs. for a new base.

From the point "D" I also mark a line S 89°38' W. and set a flag at point "G" on the mountains across the canons which brs. S. 50°54' W. from "G"; thence I find GD = 39.576 chs. which I use for a base.

From "A", the point G, brs. N. (43°33' W. and D. brs. N. 1°10' E. hence I find AD = 41.01 chs., I now find H, the intersection of the lines AC and GD, which is 30.83 chs. S. from C., and 41.00 chs. N. 0°26' W. from "A". The point "H" is therefore 80.00 (39.00+41.00) chs. on the line bet. Secs. 29 and 30.

Continuing description of the line from last $\frac{1}{4}$ sec. cor.-
Descend rocky slope.
Ravine, crs. Wly.

46.00

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

49.50	Spur brg. Wly.	+60
55.50	Canon brg. W.S.W.	-200
78.50	Spur brg. W.S.W.	+100

80.00 At intersection point, "H" as found by the foregoing triangulations, I set a stone 20x8x6 ins. (15 ins.) in the ground on a N. slope for cor. to Secs. 19,20,29 and 30, marked with 2 notches on the S. and 5 notches on E. edges; dug pits 18x18x12 ins. in each Sec. 5 ft. dist. and raised a mound of earth 2 ft. high 4 ft. base alongside.

Land, mountainous.

Soil, rocky, 3d. and 4th rates.

No timber.

80.00 chs. mountainous and brushy lines.

July 26, 1898.

East, on a random line bet. Secs. 20 and 29. Va. 14°55' E.

40.00	Set a temp. & sec. cor.
74.00	At brow of precipitous slope into the head of deep canon crs. to S.E. and offset N. 150 links to pass the same.
78.50	Offset S. 150 links returning to the random line.
80.20	Fall 12 links N. of cor. to Secs. 20,21,28 and 29;
	Thence I run -
	N.89°55' W. on the true line bet. Secs. 20 and 29; Va.15°05' E.

Change of Va. due to local causes.

Over broken Mt. top in open brush.

.15	Bottom of gully, crs. S.	
.80	Top of ridge (spur) brg. S.E.	+20
1.20	Gully, crs. S.S.E.	-10
1.75	Ridge brg. S., brow of precipitous bluff into head of canon	+15

As the sec.cor. is near and visible from both offset points and the alignment was preserved without regard to the slight offset, no witness points have been marked.

3.75	Bottom of canon descending swiftly to the S.E., a few trees here;	-50
6.00	Brow of bluff, W. side of canon.	+100

As the sec.cor. is near and visible from both offset points and the alignment was preserved without regard to the slight offset, no witness points have been marked.

8.70	Ascend broad top of Mt., low brush.	
10.70	Summit of Mt. brg. N. and S.75 lks. N.W. of peak of hill; (descend)	+20
	Enter ravine brg. N.W. on slope;	
	Along side hill sloping N.	
12.25	Leave ravine, sloping N.W.	
15.25	Ridge, sloping N.	
18.00	Ridge, sloping N.W.	
22.50	Canon, crs. W.S.W. soon S.W.	-150'
23.75	Spur, brg. S.W.	+20
25.00	Narrow ravine, 20 ft. deep, crs. S.	
31.00	Ridge brg. S.W.	+15

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

35.75	Ravine, crs. S.W.	-75
39.00	Ridge slopes N.E. on hill terminating the spur from N.E. Along N. slope of the hill (or small Mt.)	+100
40.10	Set a stone 26x6x4 ins. firmly in bedrock, in a mound of stones on steep (N) slope, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; raised a mound of stones $1\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. base at S. side of corner, from which -	+50
A + mark and B.R. out on top of a needle of rock 2 ft. sq. 5 ft. high, brs. S. $75\frac{1}{2}^{\circ}$ E. 62 lks. dist.		
This cor. is about 100 lks. N. of the peak of the hill. Descend thro stunted manzanitas.		
48.00	Ravine crs. S.S.W. 150 lks. above forks.	-100
50.25	Spur brg. S. open brush	+20
56.50	Ravine, crs. S.	-45
61.75	Spur brg. S.S.W.	+25
62.25	Ravine, crs. S.W. dense brush Ascend oblique slope.	-20
76.50	Spur brg. W.	+50
80.20	The cor. to Secs. 19, 20, 29 and 30. Land, mountainous. Soil, hard pan and stony, 3d. and 4th rates. No timber. 80.20 chs. mountainous and brushy lines.	

July 26, 1898.

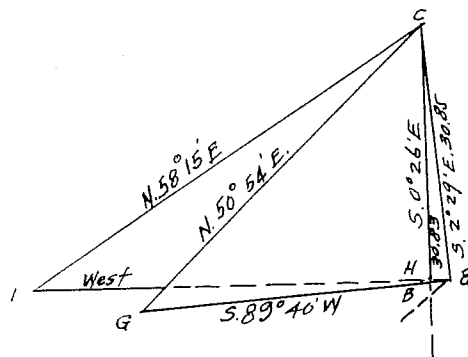
West on a random line bet. Secs. 19 and 30. Va. $14^{\circ}55'$ E.

As I have to cross deep canons with precipitous slopes, I measure in part by triangulation used bet. Secs. 29 and 30; to which refer (see pp 72 et. seq.)

The cor. to Secs. 19, 20, 29 and 30, at the aforesaid point H. is 115 links W. of "D"; and "Q" across the canons is 39.58 chs. hence G is $39.58 - 1.15 = 38.43$ chs. from the sec. cor. (H).

Thence set W. 1.57 chs. and offset 23 links N. to random line; at 40.00 Set temp. $\frac{1}{4}$ sec. cor.

I continue the measurement to point in my random course at the top of the mountain called "I", from which the point G of the former triangulations, bears N. $58^{\circ}15'$ E. hence H to I = 50.05 chs.



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

- 83.40 Thence I run by chain 33.35 and at
Intersect the W. bdy. of the twp. at 10 lks. N. of the cor. to
Secs. 19 and 30 and (24 and 25) already described.
Thence I run
N. 89°55' E. on the true line bet. Secs. 19 and 30; Va. 14°50' E.
- Over rolling ground on Mt. top - thru thick brush.
- | | | |
|-------|--|------|
| 4.70 | A draw crs. E. of S. | -60 |
| 6.00 | Ridge brg. E. of S. | +20 |
| 8.00 | Flat spur brg. S.S.W. | +30 |
| 9.50 | Rocky ravine crs. S.W. | -20 |
| 12.00 | Top of Mt. ridge (or spur) descending W.N.W., continue ascent on N.+40' slope of Mt. | +40' |
| 20.00 | Summit on N. side of Mt. | +200 |
| 26.00 | Valley crs. N.N.W. | -60 |
| 33.00 | Ridge or spur of Mt. brg. N.N.W. | +100 |
- Descend N.E. slopes;
- 35.50 Set a post marked W.P. in mound of earth for wit. point of triangulation; pits impracticable.
- 37.00 Steep warped slopes - enter tangle brush, and soon in timber. -100
- 41.50 Foot of precipitous slopes brg. S.E. and W.N.W.
- 43.40 Set a stone 16x10x8 ins. 12 ins. in the ground on N.E. Slope of Mt. for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, raised a mound of stones 2 ft. high, 3 ft. base, at S. side of cor; from which-
- The N. stem of a stool white oak 12 ins. in dia. brs. S. 48° W.
42 lks. dist., marked $\frac{1}{4}$ S.B.T.
- 45.25 Top of ridge or short spur brg. E.N.E. near triangulation point 3
Descend precipitous slopes.
- 59.00 Foot of slope brg. N. and S., enter open bottom of Elbow Canon, general crs. S. of S.E. -400
- 60.50 Dry arroyo 10 lks. wide, some springs 6.00 or 8.00 chs. above; leave trees.
- 63.50 Across bottom; ascend in heavy brush.
- 69.50 Top of spur brg. S.S.W. (descend) +125
- 76.00 Narrow bottom of brushy canon, crs. S.W. -80
- Ascend oblique slope.
- 83.40 The cor. to Secs. 19, 20, 29 and 30.
- Land, mountainous.
Soil, loam, stony and rocky, 2d. 3d. and 4th. rates.
Timber, some oaks; and a few alders on W. slope of Elbow Canon.
78.90 chs. mountainous and brushy lines.

July 28, 1895.

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

N. 0°26' W. bet. Secs. 19 and 20:

Va. 14°55' E.

As the ascent of the mountain is over precipitous slopes of gulches to be crossed, I measure this line in part by the triangulations used between Secs. 29 and 30 to which refer (at pp. 73 et seq.)

4.00	Ravine, crs. nearly W. then S.W.	-70'
6.50	Point of spur brg. W.	+90
9.00	Ravine, crs. W.S.W.	-50
15.00	West point of spur brg. S.W.	+80
21.00	Ravine, crs. S.S.W. soon nearly S.	-40
26.50	Set post marked W.P. in mound of stones for witness to triangulation point (C.) on ridge of the spur brg. S. 26° W.	+90

Thence by chain; ascending stony slope with sparse brush.

38.00	Brow slope (S.W.) of broad top of Mt.	+140
40.00	Set a stone 24x12x6 ins. 18 ins. in the ground and mound of stones, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stones $1\frac{1}{2}$ ft. high 2 $\frac{1}{2}$ ft. base, alongside.	

July 28, 1898.

50.00	Top of Mt. divide bet. Pine and Laguna Canon brg. E. and W. descend +50' over rolling ground.	
60.00	Enter some oaks - soon into scattering pines.	
61.25	Bottom of canon crs. N.E. ascend the nose or angle of steep bluff	-250
66.25	Top of bluff brg. N.E. descend gentle slope over rolling ground; leave trees, thro' heavy brush - oak and thorns.	+100
78.00	Ridge brg. E. and W.	-25
80.00	Set a stone 16x14x5 ins. 10 ins. in the ground on N.W. slope, for witness cor. to Secs. 17, 18, 19 and 20, marked with 3 notches on S. and 5 notches on E. edges; dug shallow pits to hardpan in each sect. 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base alongside.	

Land, mountainous.

Soil, stony, hardpan, loam; 2d. 3d. and 4th, rates.

Timber, a few fir pines, and a little oakwood.

80.00 chs. of mountainous and brushy lines.

July 29, 1898.

East on a random line bet. Secs. 17 and 20. Va. 15°05' E.
Change of Va. due to local causes.

40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.60	Fall 7 lks. N. of cor. to Secs. 16, 17, 20 and 21; Thence I run -	

N. 89°57' W. on the true line bet. Secs. 17 and 20;

Va. 15°05' E.

1.00	Over rolling ground, thro brush. Ridge descending N.E.	+20
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Subdivisions T. 7 N., R. 15 W., S.B.M.

5.50	Ridge brg. N. descend.	+20
11.50	Ravine, crs. S. ascend.	-50
16.00	Spur brg. N.	+75
19.00	Ravine, crs. N.E.	-50
23.75	Spur brg. N.E.	+40
25.50	Ravine, crs. N.E.	-30
31.25	Spur, brs. N.E.	+50
32.50	Gully, brg. N.E.	
34.50	Summit brg. N.	+80
39.50	Narrow ridge brg. W. of N.	
40.30	Set a quartzose stone 22x8x6 ins. 16 ins. in the ground on a N.W. slope for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, raised a mound of stone $1\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. base, E. side.	
40.80	Valley descending N.N.W.	-60'
41.50	Ridge descending N.N.W.	+10
45.80	Canon crs. Nearly N., with scattering trees.	-125
60.50	Spur brg. N.N.E.	-130
64.00	Descend into branch ravine brg. N.	
65.50	Bottom of same; enter scattering trees.	-75
66.00	Point of hill bet. ravines;	+60
66.50	Canon brg. N.E. 2.75 chs. above cascades.	-75
67.50	Top of bluff W. side, brg. N.W.	+100
74.50	Top of Mt. brg. N. and S. Descend.	+125
77.25	Ravine, crs. N. soon reaches junction.	-90
	Ascend rolling slope in oak and thorn brush.	
79.50	Ridge or point of hill brg. N.N.E.	+40
80.60	The cor. to Secs. 17, 18, 19 and 20.	-10
	Land, mountainous.	
	Soil, loam, stony, hardpan, 2d. 3d. 4th rates.	
	Timber, a few fir pines in canons.	

July 29, 1898.

West on a random line bet. Secs. 18 and 19;

Va. 15°05' E.

40.00	Set temp. $\frac{1}{4}$ sec. cor.	
82.50	Intersect the W. bdy. of the Twp. 14 lks. W. of cor. to Secs. 18 and 19 (13 and 24) already described.	
	Thence I run	

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

N. 89°54' E. on the true line bet. Secs. 18 and 19;

Va. 15°00' E.

Over gullied top of mountain, thro open brush and patches of dwarfed manzanita;

1.50	Ravine, crs. S.E. then bending E.	-10'
4.75	Ridge brg. N. and S.	+12
13.00	Ridge brg. N. and S.	12 ft. high
19.50	Ravine, crs. N.W.	15 " "
20.00	Ridge, brg. N.E.	-15
23.50	Ravine, crs. N.	+25
26.50	Ridge, brg. N.	-20
28.25	Ravine, crs. N.	+40
30.50	Ridge brg. N.	-25
33.50	Ravine, crs. N.	+30
35.00	Ridge brg. N.W.E.	-20
	Along S. side of low hill.	+15

42.50 Set a stone 14x12x4 ins. 10 ins. in the ground on S. point of flat hill, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on North face; raised a mound of stones 1 $\frac{1}{2}$ ft. high, 2 $\frac{1}{2}$ ft. base alongside. The Mt. divide bet. Pine and Laguna Canons, brg. E. and W. lies about 9.00 chs. S. and across an irregular basin 12 to 15 ft. deep.

43.25	Ravine, crs. N.W.E. draining the basin.	-25
45.75	Spur brg. N.W.E. - dense brush.	+20
48.50	Ravine, crs. N.W.E.	-25
49.50	Spur brg. N.W.W.	+20
51.75	Ravine, crs. N.	-20
52.75	Spur, brg. N.	+25
55.75	Ravine, crs. N.	-30
58.75	Spur brg. N.	+25
65.75	Ravine, crs. N.	-25
69.50	Spur, brg. N.W.E.	+20
72.00	Arroyo, crs. N.W.E.	-10
74.00	Ridge brg. N.E.	+10
77.25	Bottom of canon crs. N.E. soon nearly East; ascend.	-75
78.75	Ridge slopes N. on side hill	
79.50	Arroyo slopes N. on side hill	
82.50	The cor. to Secs. 17, 18, 19 and 20	+125

Land, mountainous.

Soil, loam and hardpan, 2d and 3 rates.

No timber.

82.50 chs. mountainous and brushy lines.

July 29, 1898.

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

N. 0°26' W. bet. Secs. 17 and 18.
Descend steep slopes, thro brush;

Va. 15°05' E.

5.50	Bottom of canon crs. E.N.E. Scattering trees along the line	-175
13.25	Spur brg. N.E. brush increases	+100
16.25	Ravine crs. N.E.	-75
18.25	Spur brg. N.E.	+60
22.50	Ravine, crs. N.E.	-40
24.50	Spur brg. N.E.	+25
	Down rolling side of Mt. with swells and arroyos descending N.N.E.	
32.00	Into dense oak brush and a skirting of small oakwoods;	
35.00	Arroyo crs. N.N.E.	
39.00	Leave oaks and close brush, enter point of opening with scatter- ing pines.	
40.00	Set a stone 20x8x6 ins. 15 ins. in the ground on the N. slope, near the foot of the Mt. for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stones $1\frac{1}{2}$ ft. high 2 $\frac{1}{2}$ ft. base, alongside; from which corner A pine 12 ins. dia. brs. S. 30 $\frac{1}{2}$ ° W. 71 lks. dist. marked $\frac{1}{4}$ S.B.T. A pine 30 ins. dia. brs. S. 54° E. 150 lks. dist. marked $\frac{1}{4}$ S.B.T. The cabin of Jas. Kirby (about 1.00 ch. N. of "Cottonwood Springs" brs. N. 68° W. 6.20 dist.	
40.50	Foot of Mts. on narrow bench running along same, brg. N. 80° W. and S. 80° E.	-275
41.25	Old "Earthquake Crevice" having same brg. discernible at many points up and down the canon, said to extend from below Elizabeth Lake to Gorman's Station.	
42.00	To bottom of the Canada of "Pine Canon" brg. W.N.W. and W.S.W. with scattering cottonwoods;	-20
42.75	Road "Old Ft. Tejon trail" brg. E. and W.	
44.50	Dry water course about 5.00 chs. below water sink; stony bed 15 lks. wide, crs. E. running along the N. bluff of the canon; a little above this point it comes from W.N.W., leave trees; ascend precipitous hillside.	-15
45.00	Top of broken bench brg. E. and W.	+100
50.00	Ascend steep rolling side of Mt. thro brush.	
55.00	Ravine, 20 ft. deep in the side of Mt. descends S.W.	
74.00	Top of Mesa Mt. leave brush and enter rolling prairie brg. E. & W.	+450
78.50	Summit divide to Antelope Valley brg. S. of E. and W.N.W.	+50

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

80.00 Set a stone 27x6x5 ins., 24 ins. in the ground, for cor. to Secs. 7, 8, 17 and 18, marked with 4 notches on the S. and 5 notches on the E. edges; raised a mound of stones 1½ ft. high 2½ ft. base alongside.

Land, mountainous and rolling.
Soil, alluvial, loam, wash and stony. 1st. 2d. 3d & 4th rates.
Timber, some small oaks, a few pines and cottonwoods.
71.50 obs. mountainous and brushy lines.

East, on a random line bet. Secs. 8 and 17; Va. 15°05' E.

40.00 Set temp. ¼ sec. cor.

80.50 Fall 37 lks. N. of cor. to Secs. 8, 9, 16 and 17;

Thence I run-

N. 89°44' W. on the true line bet. Secs. 8 and 17; Va. 15°05' E.
Along the foot of a N. slope thro dense brush and small oaks.

10.75	Arroyo bottom of Canon crs. E.N.E. soon runs E. ascend	+50
28.00	Top of bluff; into open brush	+150
28.50	Road along top of the spur brg. N.E.	
37.50	Ravine or valley crs. N.E.	-60

40.25	Set a stone 16x8x6 ins. 11 ins. in the ground on southerly slope of low spur brg. N.E. 125 lks. S. of its ridge, for ¼ sec. cor., marked ¼ on N. face; raised a mound of earth and stones 1½ ft. high 3½ ft. base alongside; ascend	+50
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41.00	Sharp ridge brg. N.E.	+20
44.25	Ravine, crs. N.E. near its head.	-20

47.00	Top of bluff brg. N.E. and S.W. enter rolling top of Mesa Mt., and scattering pines.	+75
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60.25 Edmund Beckham's cabin brs. N. 80 lks. dist.

65.00 In sage or valleys leading to ravines, courses Northward; leave trees; enter free prairie.

77.50	Ridge brg. N.E.E. (to hill) and S.S.E.	+35
80.50	The cor. to Secs. 7, 8, 17 and 18.	-20

Land, mountainous and rolling plain.
Soil, alluvial, loam, sandy, 1st. 2d. 3d. rates.
Timber, small oaks and a few pines.

47.00 obs. mountainous and brushy lines. July 30, 1898.

West on a random line bet. Secs. 7 and 18. Va. 15°05' E.

40.00 Set temp. ¼ sec. cor.

81.65 Intersect the W. bdy. of the twp. at 24 links S. of cor. to Secs. 7 and 18 (and 12 and 13) already described;

Thence I run

S. 89°50' E. on the true line bet. Secs. 7 and 18; Va. 14°50' E.

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

	Change of Va. due to local causes.	
	Over rocky slopes of the broken S. side of the Mt. thro' open brush.	
1.00	Rocky ridge descending to S.W.	+15
	Descend.	
4.50	Ravine, crs. S.S.E.	-50
7.50	Spur, brg. S.	+30
8.75	Ravine, crs. S.S.E.	-60
12.50	Spur brg. S.S.W.	+30
20.25	Ravine, crs. S.W.	-175
24.40	Ridge, descending S.W.	+160
28.00	Top of spur, brg. S.S.E. (on slope)	+80
31.75	Ravine, crs. S.E. ascend	-90
40.70	Leave brush brg. N. and S. and enter rolling prairie.	
41.65	Set a stone 15x8x6 ins. 10 ins. in the ground on a ridge brg. N. and S., 1.00 ch. N. of beginning of steep slope S. and 2.00 chs. N. of brush brg. E. and W. on S. side of Mesa Mt. for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; dug pits 18x18x12 ins. E. and W. of stones 5 $\frac{1}{2}$ ft. dist., raised a mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base alongside.	+80
72.00	Enter a point of brush from S. head of a valley - re-entering angle of S. margin of the Mt. top; ascending.	
73.25	Leave point of brush brg. S.E. enter plow field in corn.	
78.00	Top of Mt. divide brg. W.N.W. and soon trends E. and N. N.Ely.	+80
81.65	The cor. to Secs. 7, 8, 17 and 18. Land, mountainous and rolling. Soil, alluvial and stony, 1st. 3d. and 4th. rates. No timber. 41.95 chs. mountainous and brushy lines.	-30
		Aug. 2, 1898.

40.00	N. 0°26' W. on a random line bet. Secs. 7 and 8. Va. 15°05' E. Set temp. $\frac{1}{4}$ sec. cor.	
75.30	Intersect sect. line 26 links W. of cor. to Secs. 5, 6, 7 and 8.	
	Thence I run S. 0°15' E. on the true line bet. Secs. 7 and 8;	Va. 14°50' E.
	Change of Va. due to local causes.	
2.00	Into arroyo bottom of ravine about 150 lks. below springs to S.S.E., crs. soon is S., leave scattering trees fringing brow of Mt., enter prairie; ascend.	
9.00	Brow of rolling mesa brg. N.W. and E.S.E., enter plow fields.	+100'
16.00	Top of Mt. brg. E. and W.	+20
20.50	Leave prairie and plowing brg. W.N.W. and E.S.E., enter heavy greasewood brush on steep slopes to the S.	-10
34.50	Ridge brg. westerly.	

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

- 35.30 Set a stone 12x10x6 ins. 9 ins. in the ground on S. slope for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; raised a mound of stones $1\frac{1}{2}$ ft. high, $2\frac{1}{2}$ ft. base alongside.
- 37.00 Blight's Canon crs. E. about 5.00 chs. above 3 forks, Ascend -200
- 43.00 Spur brg. N.E. +175
Over rolling ground, in dense brush.
- 70.00 Leave brush brg. E. and W. enter prairie in a basin soon opening into a ravine with crs. N.W.E. +50
- 75.00 The cor. to Secs. 7, 8, 17 and 18.
Land, rolling and mountainous.
Soil, alluvial, hardpan and stony, 1st. 3d. and 4th. rates.
No timber.
49.50 chs. mountainous and brushy lines.

Aug. 2, 1896.

Meanders of Hugh's Lake in Sections 22 and 23.

I begin at the Meander Corner to Fractional Secs. 22 and 23 on N. bank of the Lake, already described.
Thence I run with Meanders in Sec. 22.

Va. $14^{\circ}55'$ E.

- | | | |
|-----------------------|-----------|---|
| N. $73^{\circ}40'$ W. | 3.10 chs. | |
| S. $51^{\circ}05'$ W. | 5.00 " | At E. end of wire fence running west. |
| S. $21^{\circ}35'$ W. | 4.70 " | At the outlet of the Lake, course N. of W.
Enter timber and tules. |
| | | |
| S. $44^{\circ}15'$ E. | 1.70 " | |
| S. $79^{\circ}00'$ E. | 1.70 " | |
| S. $46^{\circ}00'$ E. | 1.60 " | |
| S. $71^{\circ}55'$ E. | 1.90 " | |
| S. $52^{\circ}55'$ E. | 2.00 " | To the Meander Cor. on the S. side of the Lake,
already described. |
| S. $53^{\circ}55'$ E. | 1.77 " | |

Thence in Sec. 23.

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|-----------------------|-----------|--|
| S. $79^{\circ}05'$ E. | 3.70 chs. | |
| N. $76^{\circ}55'$ N. | 4.10 " | |
| S. $57^{\circ}15'$ E. | 1.60 " | |
| S. $77^{\circ}00'$ E. | 1.00 " | |
| S. $74^{\circ}55'$ E. | 4.90 " | |
| S. $39^{\circ}05'$ E. | 1.90 " | |
| S. $86^{\circ}50'$ E. | 3.90 " | |
| S. $77^{\circ}50'$ E. | 1.90 " | |
| N. $89^{\circ}40'$ E. | .50 " | A point in the bdy. bet. Secs. 23 and 26, in the
mouth of a short canon from the S. |
| | | |
| N. $77^{\circ}00'$ E. | 1.00 " | Leave timbered shore and bluff banks and foot
hills. |

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

N. 53°00' E.	6.00 chs.	at 5.50 chs. cross dry channel of storm inlet.
N. 55°00' E.	2.00 chs.	
N. 74°30' W.	7.20 "	At 1.00 chs. cross the neck of a small tule swamp outside of meanders of lake.
N. 64°20' W.	4.60 "	
N. 44°05' W.	2.10 "	
N. 22°30' W.	3.20 "	
N. 47°15' W.	3.40 "	
N. 89°25' W.	1.70 "	
N. 79°54' W.	4.50 "	
N. 41°20' W.	1.90 "	
N. 78°40' W.	3.40 "	
N. 72°20' W.	3.02 "	To the place of beginning.

Meanders of Hugh's Lake.

Land on the N., E. and W. sides of the Lake, level and rolling; on the S. side of the Lake bluffy and hillsides.

Soil, alluvial, sandy and gravelly 1st. 2d. and 3d. rates.
Timber, willow, oaks and scattering pines.

May 6th, 1898.